

- 1、Hu, G.J., et al., Variations in soil temperature from 1980 to 2015 in permafrost regions on the Qinghai-Tibetan Plateau based on observed and reanalysis products. *Geoderma*, 2019. 337: p. 893-905. 农业科学
- 2、Ding, X.L., et al., Warming increases microbial residue contribution to soil organic carbon in an alpine meadow. *Soil Biology & Biochemistry*, 2019. 135: p. 13-19. 农业科学
- 3、Jin, Z.W., et al., Soil acidity, available phosphorus content, and optimal biochar and nitrogen fertilizer application rates: A five-year field trial in upland red soil, China. *Field Crops Research*, 2019. 232: p. 77-87. 农业科学
- 4、Qiu, R.J., et al., Evapotranspiration estimation using a modified Priestley-Taylor model in a rice-wheat rotation system. *Agricultural Water Management*, 2019. 224: p. 13. 农业科学
- 5、Wu, D., et al., Spatial-temporal variation in irrigation water requirement for the winter wheat-summer maize rotation system since the 1980s on the North China Plain. *Agricultural Water Management*, 2019. 214: p. 78-86. 农业科学
- 6、Lu, Y.F., et al., Effects of the biological nitrification inhibitor 1,9-decanediol on nitrification and ammonia oxidizers in three agricultural soils. *Soil Biology & Biochemistry*, 2019. 129: p. 48-59. 农业科学
- 7、Agathokleous, E. and E.J. Calabrese, Hormesis can enhance agricultural sustainability in a changing world. *Global Food Security-Agriculture Policy Economics and Environment*, 2019. 20: p. 150-155. 农业科学
- 8、Kool, D., et al., Soil water retention and hydraulic conductivity dynamics following tillage. *Soil & Tillage Research*, 2019. 193: p. 95-100. 农业科学
- 9、Hamoud, Y.A., et al., Effect of Irrigation Regimes and Soil Texture on the Potassium Utilization Efficiency of Rice. *Agronomy-Basel*, 2019. 9(2): p. 17. 农业科学
- 10、Broberg, M.C., et al., Effects of Elevated CO₂ on Wheat Yield: Non-Linear Response and Relation to Site Productivity. *Agronomy-Basel*, 2019. 9(5): p. 18. 农业科学
- 11、Li, J.X., et al., Diversifying crop rotation improves system robustness. *Agronomy for Sustainable Development*, 2019. 39(4): p. 13. 农业科学
- 12、Liu, L., M. Estiarte, and J. Penuelas, Soil moisture as the key factor of atmospheric CH₄ uptake in forest soils under environmental change. *Geoderma*, 2019. 355: p. 7. 农业科学
- 13、Li, P., et al., Difference in soil bacterial community composition depends on forest type rather than nitrogen and phosphorus additions in tropical montane rainforests. *Biology and Fertility of Soils*, 2019. 55(3): p. 313-323. 农业科学
- 14、Yu, Y.X., et al., Interactive effects of soil texture and salinity on nitrous oxide emissions following crop residue amendment. *Geoderma*, 2019. 337: p. 1146-1154. 农业科学
- 15、Hu, Z.H., et al., Effects of warming and reduced precipitation on soil respiration and N₂O fluxes from winter wheat-soybean cropping systems. *Geoderma*, 2019. 337: p. 956-964. 农业科学
- 16、Tian, L.M., et al., Variations in soil nutrient availability across Tibetan grassland from the 1980s to 2010s. *Geoderma*, 2019. 338: p. 197-205. 农业科学
- 17、Ji, Y., R. Conrad, and H. Xu, Responses of archaeal, bacterial, and functional microbial communities to growth season and nitrogen fertilization in rice fields. *Biology and Fertility of Soils*, 2020. 56(1): p. 81-95. 农业科学
- 18、Yang, X.Y., et al., Impacts of diffuse radiation fraction on light use efficiency and gross primary production of winter wheat in the North China Plain. *Agricultural and Forest Meteorology*, 2019.

- 275: p. 233-242. 农业科学
- 19、Zhao, J.Y., et al., An evaluation of the flux-gradient and the eddy covariance method to measure CH₄, CO₂, and H₂O fluxes from small ponds. *Agricultural and Forest Meteorology*, 2019. 275: p. 255-264. 农业科学
- 20、Jia, Z.J., et al., Community shift of microbial ammonia oxidizers in air-dried rice soils after 22 years of nitrogen fertilization. *Biology and Fertility of Soils*, 2019. 55(4): p. 419-424. 农业科学
- 21、Zhang, B., et al., No-tillage leads to a higher resistance but a lower resilience of soil multifunctionality than ridge tillage in response to dry-wet disturbances. *Soil & Tillage Research*, 2019. 195: p. 7. 农业科学
- 22、Han, W., et al., Fuzzy comprehensive evaluation of the effects of relative air humidity on the morpho-physiological traits of Pakchoi (*Brassica chinensis* L.) under high temperature. *Scientia Horticulturae*, 2019. 246: p. 971-978. 农业科学
- 23、Wu, C.F., et al., Spatial changes in soil chemical properties in an agricultural zone in southeastern China due to land consolidation. *Soil & Tillage Research*, 2019. 187: p. 152-160. 农业科学
- 24、You, G.Y., et al., Trends of actual and potential evapotranspiration based on Bouchet's complementary concept in a cold and arid steppe site of Northeastern Asia. *Agricultural and Forest Meteorology*, 2019. 279: p. 11. 农业科学
- 25、Zhao, Z.J., et al., Evolution of soil surface charge in a chronosequence of paddy soil derived from Alfisol. *Soil & Tillage Research*, 2019. 192: p. 144-150. 农业科学
- 26、Zhang, L., et al., Determining the influence of irrigation efficiency improvement on water use and consumption by conceptually considering hydrological pathways. *Agricultural Water Management*, 2019. 213: p. 674-681. 农业科学
- 27、Ding, X.L., et al., Changes of microbial residues after wetland cultivation and restoration. *Biology and Fertility of Soils*, 2019. 55(4): p. 405-409. 农业科学
- 28、Liu, G.M., et al., Seasonal changes in labile organic matter as a function of environmental factors in a relict permafrost region on the Qinghai-Tibetan Plateau. *Catena*, 2019. 180: p. 194-202. 农业科学
- 29、Miao, S.J., et al., Ten-year application of cattle manure contributes to the build-up of soil organic matter in eroded Mollisols. *Journal of Soils and Sediments*, 2019. 19(7): p. 3035-3043. 农业科学
- 30、Luo, X.S., et al., Effects of elevated carbon dioxide on metal transport in soil-crop system: results from a field rice and wheat experiment. *Journal of Soils and Sediments*, 2019. 19(11): p. 3742-3748. 农业科学
- 31、Zhao, X.N., et al., The effect of different temperature and pH levels on uptake of CO₂ in *Solonchaks*. *Geoderma*, 2019. 348: p. 60-67. 农业科学
- 32、Xu, C., et al., Effects of Low Temperature on Photosynthesis and Antioxidant Enzyme Activities of *Panax notoginseng* during Seeding Stage. *International Journal of Agriculture and Biology*, 2019. 21(6): p. 1279-1286. 农业科学
- 33、Xie, X.J., et al., Prediction model of rice crude protein content, amylose content and actual yield under high temperature stress based on hyper-spectral remote sensing. *Quality Assurance and Safety of Crops & Foods*, 2019. 11(6): p. 517-527. 农业科学
- 34、Xu, J.B., et al., Influence of rice cultivars on soil bacterial microbiome under elevated carbon dioxide. *Journal of Soils and Sediments*, 2019. 19(5): p. 2485-2495. 农业科学

- 35、Hassan, S.G., et al., Fish as a source of acoustic signal measurement in an aquaculture tank: Acoustic sensor based time frequency analysis. *International Journal of Agricultural and Biological Engineering*, 2019. 12(3): p. 110-117. 农业科学
- 36、Peng, X.Y., et al., Physiological and Proteomic Analyses Reveal Adaptive Mechanisms of Ryegrass (Annual vs. Perennial) Seedlings to Salt Stress. *Agronomy-Basel*, 2019. 9(12): p. 23. 农业科学
- 37、Zeng, R., D.G. Rossiter, and G.L. Zhang, How compatible are numerical classifications based on whole-profile vis-NIR spectra and the Chinese Soil Taxonomy? *European Journal of Soil Science*, 2019. 70(1): p. 54-65. 农业科学
- 38、Wang, L., et al., Spatial variability assessment of La and Nd concentrations in coastal China soils following 1000 years of land reclamation. *Journal of Soils and Sediments*, 2020. 20(3): p. 1651-1661. 农业科学
- 39、Li, Q., et al., Effects of Shading and Waterlogging on the Photosynthesis and Yield Performance of Winter Wheat in Jiangsu Province, China. *International Journal of Agriculture and Biology*, 2019. 21(2): p. 472-478. 农业科学
- 40、Xu, C., et al., Characteristics and Quantitative Simulation of Stomatal Conductance of *Panax notoginseng*. *International Journal of Agriculture and Biology*, 2019. 22(2): p. 388-394. 农业科学
- 41、Shen, Y.F. and N.Y. Zhang, Facile synthesis of porous carbons from silica-rich rice husk char for volatile organic compounds (VOCs) sorption. *Bioresource Technology*, 2019. 282: p. 294-300. 生物学与生物化学
- 42、Zhang, N.Y. and Y.F. Shen, One-step pyrolysis of lignin and polyvinyl chloride for synthesis of porous carbon and its application for toluene sorption. *Bioresource Technology*, 2019. 284: p. 325-332. 生物学与生物化学
- 43、Yuan, R. and Y.F. Shen, Catalytic pyrolysis of biomass-plastic wastes in the presence of MgO and MgCO₃ for hydrocarbon-rich oils production. *Bioresource Technology*, 2019. 293: p. 6. 生物学与生物化学
- 44、Tian, S.H., et al., Mo₂C-induced hydrogen production enhances microbial electrosynthesis of acetate from CO₂ reduction. *Biotechnology for Biofuels*, 2019. 12: p. 12. 生物学与生物化学
- 45、Xu, Y.J., et al., Hydroxyapatite Nanoparticle-Crosslinked Peptide Hydrogels for Three-Dimensional Culture and Differentiation of MC3T3-E1 Osteoblasts. *Journal of Biomedical Nanotechnology*, 2019. 15(12): p. 2351-2362. 生物学与生物化学
- 46、Song, T.S., et al., Experimental evaluation of the influential factors of acetate production driven by a DC power system via CO₂ reduction through microbial electrosynthesis. *Bioresources and Bioprocessing*, 2019. 6(1): p. 10. 生物学与生物化学
- 47、Liu, G.Y., et al., Mo₂C-Derived Polyoxometalate for NIR-II Photoacoustic Imaging-Guided Chemodynamic/Photothermal Synergistic Therapy. *Angewandte Chemie-International Edition*, 2019. 58(51): p. 18641-18646. 化学
- 48、Guo, C., et al., Ultrathin delta-MnO₂ nanosheets as cathode for aqueous rechargeable zinc ion battery. *Electrochimica Acta*, 2019. 304: p. 370-377. 化学
- 49、Li, F., et al., Balancing hydrogen adsorption/desorption by orbital modulation for efficient hydrogen evolution catalysis. *Nature Communications*, 2019. 10: p. 7. 化学
- 50、Wang, J., et al., Rational construction of triangle-like nickel-cobalt bimetallic metal-organic framework nanosheets arrays as battery-type electrodes for hybrid supercapacitors. *Journal of*

- Colloid and Interface Science, 2019. 555: p. 42-52. 化学
- 51、 Li, F., et al., Identifying the structure of Zn-N-2 active sites and structural activation. Nature Communications, 2019. 10: p. 7. 化学
- 52、 Zhao, X., et al., Use of Unmanned Aerial Vehicle Imagery and Deep Learning UNet to Extract Rice Lodging. Sensors, 2019. 19(18): p. 13. 化学
- 53、 Chen, Z.H., et al., NiSe₂ Nanoparticles Grown in Situ on CdS Nanorods for Enhanced Photocatalytic Hydrogen Evolution. Acs Sustainable Chemistry & Engineering, 2019. 7(19): p. 16720-16728. 化学
- 54、 Fang, J.J., et al., Highly efficient photocatalytic hydrogen generation of g-C₃N₄-CdS sheets based on plasmon-enhanced triplet-triplet annihilation upconversion. Applied Catalysis B-Environmental, 2019. 258: p. 10. 化学
- 55、 Guo, Y.M. and W. Zhao, Nanomaterials for luminescent detection of water and humidity. Analyst, 2019. 144(2): p. 388-395. 化学
- 56、 Song, M.X., et al., Enhancement of photocatalytic activities in hierarchical BiOBr microflowers induced by oxygen vacancies. Catalysis Today, 2019. 335: p. 193-199. 化学
- 57、 Yao, X.Q., et al., Two triphenylamine-based luminescent metal-organic frameworks as a dual-functional sensor for the detection of nitroaromatic compounds and ofloxacin antibiotic. Crystengcomm, 2019. 21(15): p. 2559-2570. 化学
- 58、 Zhang, X.D., et al., Cucurbit 6 uril-based supramolecular assemblies incorporating metal complexes with multiaromatic ligands as structure-directing agent for detection of aromatic amines and nitroaromatic compounds. Sensors and Actuators B-Chemical, 2019. 282: p. 844-853. 化学
- 59、 Zheng, Q., et al., Identification of Wheat Yellow Rust Using Optimal Three-Band Spectral Indices in Different Growth Stages. Sensors, 2019. 19(1): p. 19. 化学
- 60、 Guo, C., et al., A case study of beta- and delta-MnO₂ with different crystallographic forms on ion-storage in rechargeable aqueous zinc ion battery. Electrochimica Acta, 2019. 324: p. 9. 化学
- 61、 Ren, Y.J., et al., Data Storage Mechanism Based on Blockchain with Privacy Protection in Wireless Body Area Network. Sensors, 2019. 19(10): p. 16. 化学
- 62、 Yang, J., et al., Bioinspired Controlled Synthesis of NiSe/Ni₂P Nanoparticles Decorated 3D Porous Carbon for Li/Na Ion Batteries. Acs Sustainable Chemistry & Engineering, 2019. 7(15): p. 13217-13225. 化学
- 63、 Bu, Y.F., et al., A Composite Catalyst Based on Perovskites for Overall Water Splitting in Alkaline Conditions. Chemelectrochem, 2019. 6(5): p. 1520-1524. 化学
- 64、 Zhang, X.D., et al., Water-Stable Coordination Polymers as Dual Fluorescent Sensors for Highly Oxidizing Anions Cr₂O₇²⁻ and MnO₄⁻. Chemistry-an Asian Journal, 2019. 14(20): p. 3620-3626. 化学
- 65、 Lu, J.G., et al., CO₂ capture by ionic liquid membrane absorption for reduction of emissions of greenhouse gas. Environmental Chemistry Letters, 2019. 17(2): p. 1031-1038. 化学
- 66、 Li, Y.T., et al., Controllable fabrication of uniform ruthenium phosphide nanocrystals for the hydrogen evolution reaction. Chemical Communications, 2019. 55(54): p. 7828-7831. 化学
- 67、 Qin, Y., et al., Water-assisted proton conductivity of two highly stable imidazole multi-carboxylate-based MOFs. New Journal of Chemistry, 2019. 43(12): p. 4859-4866. 化学
- 68、 Zhou, X.Y., et al., Three-Dimensional Co-S-P Nanoflowers as Highly Stable Electrode Materials for Asymmetric Supercapacitors. Acs Sustainable Chemistry & Engineering, 2019. 7(13): p.

11448-11454. 化学

69、Ding, Y., et al., Accurate quantitative determination of heavy metals in oily soil by laser induced breakdown spectroscopy (LIBS) combined with interval partial least squares (IPLS). *Analytical Methods*, 2019. 11(29): p. 3657-3664. 化学

70、Wan, S.P., et al., Protonic acid-assisted universal synthesis of defect abundant multifunction carbon nitride semiconductor for highly-efficient visible light photocatalytic applications. *Applied Catalysis B-Environmental*, 2019. 258: p. 8. 化学

71、Guo, Y.M. and W. Zhao, In situ formed nanomaterials for colorimetric and fluorescent sensing. *Coordination Chemistry Reviews*, 2019. 387: p. 249-261. 化学

72、Wang, W., et al., Coexistence of ferromagnetism and paramagnetism in ZnO/CuO nanocomposites. *Chemical Physics Letters*, 2019. 721: p. 57-61. 化学

73、Zhao, Y.X., et al., A Highly Efficient Composite Catalyst Constructed From NH₂-MIL-125(Ti) and Reduced Graphene Oxide for CO₂ Photoreduction. *Frontiers in Chemistry*, 2019. 7: p. 10. 化学

74、Xu, J.J., et al., Facile construction of BiOBr/BiOOH p-n heterojunction photocatalysts with improved visible-light-driven photocatalytic performance. *Separation and Purification Technology*, 2019. 225: p. 24-32. 化学

75、Xiao, G.B., et al., Dinuclear cobalt-based pillar-layered-like MOF as an electrode material for supercapacitor and photocatalysis activity. *Polyhedron*, 2019. 162: p. 39-44. 化学

76、Liu, C., et al., Black carbon aggregates: A database for optical properties. *Journal of Quantitative Spectroscopy & Radiative Transfer*, 2019. 222: p. 170-179. 化学

77、Sun, Z.B., et al., A path to improve proton conductivity: from a 3D hydrogen-bonded organic framework to a 3D copper-organic framework. *New Journal of Chemistry*, 2019. 43(26): p. 10637-10644. 化学

78、Xue, B., et al., Bioinspired Ice Growth Inhibitors Based on Self-Assembling Peptides. *Acs Macro Letters*, 2019. 8(10): p. 1383-1390. 化学

79、Qiu, Y.M., et al., Vertical Characterization and Source Apportionment of Water-Soluble Organic Aerosol with High-resolution Aerosol Mass Spectrometry in Beijing, China. *Acs Earth and Space Chemistry*, 2019. 3(2): p. 273-284. 化学

80、Tao, T., et al., Precisely controlling fluorescence enhancement and high-contrast colorimetric assay in OFF-ON fluoride sensing based on a diketopyrrolopyrrole boronate ester. *Dyes and Pigments*, 2019. 170: p. 6. 化学

81、Di Remigio, R., et al., PCMSolver: An open-source library for solvation modeling. *International Journal of Quantum Chemistry*, 2019. 119(1): p. 28. 化学

82、He, X., et al., Hexagonal and Square Patterned Silver Nanowires/PEDOT:PSS Composite Grids by Screen Printing for Uniformly Transparent Heaters. *Polymers*, 2019. 11(3): p. 11. 化学

83、Xu, J.J., et al., Preparation of Bi₂MoO₆-BiOOH plate-on-plate heterojunction photocatalysts with significantly improved photocatalytic performance under visible light irradiation. *Journal of the Taiwan Institute of Chemical Engineers*, 2019. 97: p. 326-335. 化学

84、Alabdulkarim, A., et al., PPSDT: A Novel Privacy-Preserving Single Decision Tree Algorithm for Clinical Decision-Support Systems Using IoT Devices. *Sensors*, 2019. 19(1): p. 20. 化学

85、Cai, W., et al., Improved in Situ Synthesis of Heterostructured 2D/2D BiOCl/g-C₃N₄ with Enhanced Dye Photodegradation under Visible-Light Illumination. *Acs Omega*, 2019. 4(26): p. 22187-22196. 化学

86、Yu, H.R., et al., A perovskite oxide with a tunable pore-size derived from a general

- salt-template strategy as a highly efficient electrocatalyst for the oxygen evolution reaction. *Chemical Communications*, 2019. 55(17): p. 2445-2448. 化学
- 87、Yin, M.Y., et al., Efficient and stable nanoporous functional composited electrocatalyst derived from Zn/Co-bimetallic zeolitic imidazolate frameworks for oxygen reduction reaction in alkaline media. *Electrochimica Acta*, 2019. 299: p. 610-617. 化学
- 88、Bikkina, S., et al., Tracing the Relative Significance of Primary versus Secondary Organic Aerosols from Biomass Burning Plumes over Coastal Ocean Using Sugar Compounds and Stable Carbon Isotopes. *Acs Earth and Space Chemistry*, 2019. 3(8): p. 1471-1484. 化学
- 89、Chen, H.X., et al., Improved visible light photocatalytic activity of mesoporous FeVO₄ nanorods synthesized using a reactable ionic liquid. *Chinese Journal of Catalysis*, 2019. 40(5): p. 744-754. 化学
- 90、Wang, P., et al., Rapid quantitative analysis of the acidity of iron ore by the laser-induced breakdown spectroscopy (LIBS) technique coupled with variable importance measures-random forests (VIM-RF). *Analytical Methods*, 2019. 11(27): p. 3419-3428. 化学
- 91、Jia, H.L., et al., New 2D--2A organic dyes with bipyridine anchoring groups for DSSCs. *New Journal of Chemistry*, 2019. 43(15): p. 5820-5825. 化学
- 92、Li, Y.T., et al., Facile Dynamic Synthesis of Homodispersed Ni₃S₂ Nanosheets as a High-Efficient Bifunctional Electrocatalyst for Water Splitting. *Chemcatchem*, 2019. 11(4): p. 1320-1327. 化学
- 93、McAllister, M., et al., Solvation Effects on Dissociative Electron Attachment to Thymine. *Journal of Physical Chemistry B*, 2019. 123(7): p. 1537-1544. 化学
- 94、Chen, L., et al., Efficient air-stable perovskite solar cells with a (FAI)(0.46)(MAI)(0.40)(MABr)(0.14)(PbI₂)(0.86)(PbBr₂)(0.14) active layer fabricated via a vacuum flash-assisted method under RH > 50%. *Rsc Advances*, 2019. 9(18): p. 10148-10154. 化学
- 95、Liu, T.F., et al., Spacer layer design for efficient fully printable mesoscopic perovskite solar cells. *Rsc Advances*, 2019. 9(51): p. 29840-29846. 化学
- 96、Li, Y., et al., Fabrication of polyvinylidene fluoride-derived porous carbon heterostructure with inserted carbon nanotube via phase-inversion coupled with annealing for capacitive deionization application. *Journal of Colloid and Interface Science*, 2019. 554: p. 353-361. 化学
- 97、Bai, Y., et al., Enhanced humidity sensing of functionalized reduced graphene oxide with 4-chloro-3-sulfophenylazo groups. *Sensors and Actuators B-Chemical*, 2019. 287: p. 258-266. 化学
- 98、Liu, B., et al., Crop/Weed Discrimination Using a Field Imaging Spectrometer System. *Sensors*, 2019. 19(23): p. 17. 化学
- 99、Cui, Y., et al., CO Oxidation over Metal Oxide (La₂O₃, Fe₂O₃, PrO₂, Sm₂O₃, and MnO₂) Doped CuO-Based Catalysts Supported on Mesoporous Ce_{0.8}Zr_{0.2}O₂ with Intensified Low-Temperature Activity. *Catalysts*, 2019. 9(9): p. 17. 化学
- 100、Tao, T., et al., 5-Hydroxy-1-phenyl-1H-pyrazole-3-carboxylic acid based heterocyclic dyes. *Dyes and Pigments*, 2019. 166: p. 226-232. 化学
- 101、Shi, S.Q., et al., Influence of Crystal Water on Crystal Structure, Electronic Structure, Band Structure, and Charge Separation of WO₃ center dot 2H₂O Nanosheets. *Inorganic Chemistry*, 2019. 58(14): p. 9161-9168. 化学
- 102、Zhu, H., et al., Fe₃O₄/granular activated carbon as an efficient three-dimensional electrode

- to enhance the microbial electrosynthesis of acetate from CO₂. *Rsc Advances*, 2019. 9(59): p. 34095-34101. 化学
- 103、Guo, K.M., et al., Enhancement of Aqua-Ammonia Vapor on Proton Conduction for Two Water-Tolerant Complicated Copper Cluster Compounds. *Chemistryselect*, 2019. 4(12): p. 3465-3473. 化学
- 104、Zhao, Z.Y., et al., Determination of Stable Nitrogen and Oxygen Isotope Ratios in Atmospheric Aerosol Nitrates. *Chinese Journal of Analytical Chemistry*, 2019. 47(6): p. 907-915. 化学
- 105、Zhao, Y.X., et al., CuO-decorated dual-phase TiO₂ microspheres with enhanced activity for photocatalytic CO₂ reduction in liquid-solid regime. *Chemical Physics Letters*, 2019. 725: p. 66-74. 化学
- 106、Gu, W.H., et al., An interesting charge accumulation process of Bi₁₂O₁₅Cl₆. *Journal of Electroanalytical Chemistry*, 2019. 846: p. 4. 化学
- 107、Zhang, L. and Y.X. Chen, Understanding Molecular Adsorption on CuSCN Surfaces toward Perovskite Solar Cell Applications. *Journal of Physical Chemistry C*, 2019. 123(44): p. 26785-26793. 化学
- 108、Xia, X., et al., Porous supramolecular assemblies and functional properties of perhydroxylated cucurbit 6 uril and polyoxometallates. *New Journal of Chemistry*, 2019. 43(26): p. 10297-10304. 化学
- 109、Zhang, Q.H., et al., Physical properties and stepwise dissociation of Halon 2402 under external electric field. *Chemical Physics Letters*, 2019. 724: p. 18-23. 化学
- 110、Yang, B., et al., Mn-Ce-Nb-O-x/P84 catalytic filters prepared by a novel method for simultaneous removal of particulates and NO. *Journal of Rare Earths*, 2019. 37(3): p. 273-281. 化学
- 111、Xie, K., et al., Low-Temperature Benzene Abatement over Active Manganese Oxides with Abundant Catalytic Sites. *Industrial & Engineering Chemistry Research*, 2019. 58(37): p. 17601-17607. 化学
- 112、Qian, H.F., et al., Hydrazone to deprotonated azo/azo-enol transformation for isomeric pyrazolone based heterocyclic dyes via metal-ion complexation. *Dyes and Pigments*, 2019. 160: p. 853-862. 化学
- 113、Cui, Y., et al., Facilely fabricating mesoporous nanocrystalline Ce-Zr solid solution supported CuO-based catalysts with advanced low-temperature activity toward CO oxidation. *Catalysis Science & Technology*, 2019. 9(20): p. 5605-5625. 化学
- 114、Zhang, L., B. Wu, and J.F. Li, Understanding Interactions between Lead Iodide Perovskite Surfaces and Lithium Polysulfide toward New-Generation Integrated Solar-Powered Lithium Battery: An ab Initio Investigation. *Journal of Physical Chemistry C*, 2019. 123(1): p. 82-90. 化学
- 115、Zhong, K. and J. Su, Study on the visible-light photocatalytic performance of Ag₃PO₄/Cu₂O composite. *Research on Chemical Intermediates*, 2019. 45(3): p. 1207-1216. 化学
- 116、Yu, Q.R., et al., Analysis of sea-salt aerosol size distributions in radiative transfer. *Journal of Aerosol Science*, 2019. 129: p. 71-86. 化学
- 117、Zhang, L., et al., Synthesis and surface properties of novel fluorinated polyurethane base on F-containing chain extender. *Polymers for Advanced Technologies*, 2020. 31(3): p. 616-629. 化学
- 118、Li, T.L., et al., Online Conductimetric Flow-Through Analyzer Based on Membrane Diffusion for Ammonia Control in Wastewater Treatment Process. *Acs Sensors*, 2019. 4(7): p. 1881-1888.

化学

119、Li, T.L., et al., Membrane-based conductivity probe for real-time in-situ monitoring rice field ammonia volatilization. *Sensors and Actuators B-Chemical*, 2019. 286: p. 62-68. 化学

120、Guo, Y.M., et al., Studies of the effect of halide ions on the fluorescence of quinine sulfate. *Luminescence*, 2019. 34(4): p. 450-455. 化学

121、Zhang, Y.J., et al., Lanthanoid Heteroleptic Complexes with Cucurbit 5 uril and Dicarboxylate Ligands: From Discrete Structures to One-Dimensional and Two-Dimensional Polymers. *Inorganic Chemistry*, 2019. 58(1): p. 506-515. 化学

122、Adamu, M., et al., High Spatial Resolution Simulation of Sunshine Duration over the Complex Terrain of Ghana. *Sensors*, 2019. 19(7): p. 13. 化学

123、Zhang, Z., et al., Estimation of relative water content in rice panicle based on hyperspectral vegetation indexes under water saving irrigation. *Spectroscopy Letters*, 2019. 52(2): p. 150-158. 化学

124、Zhang, M.L., et al., Encapsulation and removal of aniline by di-cyclohexanocucurbit 6 uril. *New Journal of Chemistry*, 2019. 43(3): p. 1487-1493. 化学

125、Yang, Q., et al., Assessment of two-stream approximations in a climate model. *Journal of Quantitative Spectroscopy & Radiative Transfer*, 2019. 225: p. 25-34. 化学

126、Cao, Z.L., et al., A hybrid approach using machine learning and genetic algorithm to inverse modeling for single sphere scattering in a Gaussian light sheet. *Journal of Quantitative Spectroscopy & Radiative Transfer*, 2019. 235: p. 180-186. 化学

127、Guo, Y., et al., Thiol- and alkyne-functionalized copper nanoparticles as electrocatalysts for bisphenol A (BPA) oxidation. *Journal of Solid State Electrochemistry*, 2019. 23(1): p. 91-100. 化学

128、Wang, Z., et al., Theoretical extension of universal forward and backward Monte Carlo radiative transfer modeling for passive and active polarization observation simulations. *Journal of Quantitative Spectroscopy & Radiative Transfer*, 2019. 235: p. 81-94. 化学

129、Lin, R.L., et al., The lanthanide contraction effect and organic additives impact the coordination structures of lanthanide ions with symmetrical octamethyl-substituted cucurbit 6 uril ligands. *Crystengcomm*, 2019. 21(37): p. 5641-5649. 化学

130、Zhu, M.W., et al., The impact of various HITRAN molecular spectroscopic databases on infrared radiative transfer simulation. *Journal of Quantitative Spectroscopy & Radiative Transfer*, 2019. 234: p. 55-63. 化学

131、Zhou, Y., et al., The efficient biodegradation of dimethyl phthalate using an anaerobic bioelectrochemical system. *Journal of Chemical Technology and Biotechnology*, 2019. 94(9): p. 2935-2943. 化学

132、Chen, K., et al., Supramolecular coordination assemblies of 1,2,3-hexamethylcucurbit 5 uril with alkali metal ions based on the outer-surface interactions of cucurbit n urils. *Journal of Molecular Structure*, 2019. 1181: p. 220-227. 化学

133、Deng, X.Y., et al., Recognition of Different Metal Cations by a trans-4-(4-(Dimethylamino)styryl)-1-methylpyridinium Iodide@Tetramethylcucurbit 6 uril Probe. *European Journal of Inorganic Chemistry*, 2019(9): p. 1212-1219. 化学

134、Fang, J.A., et al., Molecular Tweezers-like Calix 4 arene Based Alkaline Earth Metal Cation (Ca²⁺, Sr²⁺, and Ba²⁺) Chemosensor and Its Imaging in Living Cells and Zebrafish. *Inorganic Chemistry*, 2019. 58(21): p. 14720-14727. 化学

- 135、Yin, C., et al., Intercomparison of Soil Moisture Retrieved from GNSS-R and from Passive L-Band Radiometry at the Valencia Anchor Station. *Sensors*, 2019. 19(8): p. 16. 化学
- 136、Lu, J.G., et al., Density and viscosity of aqueous blend of 1-butyl-3-methylimidazolium tetrafluoroborate (Bmim BF₄) + piperazine (PZ) and its performance of CO₂ absorption. *Journal of Molecular Liquids*, 2019. 277: p. 302-309. 化学
- 137、Zhang, L., et al., Controlling directions of electron flow by light: A case study on TiO₂ film with azo dyes. *Dyes and Pigments*, 2019. 161: p. 277-282. 化学
- 138、Tang, R.Z., et al., Constituents of Atmospheric Semi-Volatile and Intermediate Volatility Organic Compounds and Their Contribution to Organic Aerosol. *Progress in Chemistry*, 2019. 31(1): p. 180-190. 化学
- 139、Wang, C., et al., Building Extraction from High-Resolution Remote Sensing Images by Adaptive Morphological Attribute Profile under Object Boundary Constraint. *Sensors*, 2019. 19(17): p. 19. 化学
- 140、Shi, Y.N., et al., An improved Eddington approximation method for irradiance calculation in a vertical inhomogeneous medium. *Journal of Quantitative Spectroscopy & Radiative Transfer*, 2019. 226: p. 40-50. 化学
- 141、Zhang, C.Z., et al., An efficient and health-friendly adsorbent N-4-morpholinecarboximidamidoyl carboximidamidoylmethylated polyphenylene sulfide for removing heavy metal ions from water. *Journal of Molecular Liquids*, 2019. 296: p. 9. 化学
- 142、Zhang, L. and X.X. Zhang, Aggregation of molecular halide perovskite Cs₄PbX₆: A first-principles investigation. *Chemical Physics Letters*, 2019. 732: p. 5. 化学
- 143、Huang, S., et al., Trans-4-4-(dimethylamino)styryl -1-methylpyridinium Iodide@Hemimethylcucurbit 6 uril Fluorescent Probe for Anion Recognition. *Australian Journal of Chemistry*, 2019. 72(7): p. 533-541. 化学
- 144、Yang, B., et al., Simultaneous catalytic oxidation of CO and Hg⁰ over Au/TiO₂ catalysts: Structure and mechanism study. *Molecular Catalysis*, 2019. 479: p. 88-99. 化学
- 145、Xie, D.S., F. Wang, and J. Chen, Extended Target Echo Detection Based on KLD and Wigner Matrices. *Sensors*, 2019. 19(24): p. 16. 化学
- 146、Li, F.H., et al., Evaporation-induced self-assembly (EISA) synthesized mesoporous bimetallic oxides (MBOs) enabling enhanced co-uptake of arsenate and fluoride from water. *Journal of Chemical Technology and Biotechnology*, 2019. 94(3): p. 879-891. 化学
- 147、Zhang, L. and S. Lin, Effect of novel anchoring groups on the electronic and optical properties of water-splitting metal-free dye molecules: A first-principles investigation. *Chemical Physics*, 2019. 522: p. 84-90. 化学
- 148、Yang, S.P., N.W. Cao, and X.Y. Song, Correction of the Fernald Method Using Real-Time Average Lidar Ratios with Mie-Rayleigh-Raman Lidar. *Journal of Applied Spectroscopy*, 2019. 86(3): p. 533-537. 化学
- 149、Song, T.S., et al., Bioaugmentation of p-chloronitrobenzene in bioelectrochemical systems with *Pseudomonas fluorescens*. *Journal of Chemical Technology and Biotechnology*, 2020. 95(1): p. 274-280. 化学
- 150、Zhu, Z.Q., et al., Anion influence on metallosupramolecular architectures of Cucurbit 6 uril with calcium cation. *Inorganica Chimica Acta*, 2019. 495: p. 6. 化学
- 151、Wang, X.X., et al., A water soluble tetramethyl-substituted cucurbit 8 uril obtained from larger intermediates? *Tetrahedron*, 2019. 75(37): p. 6. 化学

- 152、Zhang, X.Y., et al., Tuning the Spectrum Properties of Fullerene C-60: Using a Strong External Electric Field. *Journal of Cluster Science*, 2019. 30(2): p. 319-328. 化学
- 153、Xiang, Q.J., et al., Spectrum and Physical Properties of C-70 Under the External Electric Field. *Journal of Cluster Science*, 2020. 31(5): p. 951-960. 化学
- 154、Cao, L., et al., Simplification of Carbon Bond Mechanism IV (CBM-IV) under Different Initial Conditions by Using Concentration Sensitivity Analysis. *Molecules*, 2019. 24(13): p. 18. 化学
- 155、Li, X., et al., Removal of Cl⁻ from WFGD Wastewater by Electrocoagulation using Layered Double Hydroxide Compounds as Granule Electrodes. *International Journal of Electrochemical Science*, 2019. 14(8): p. 8296-8310. 化学
- 156、Chen, K., et al., Organic additives induced coordination complexes of cucurbit 5 uril with strontium(II). *Inorganica Chimica Acta*, 2019. 487: p. 58-62. 化学
- 157、Deng, X.Y., et al., Identification of Ferric Ions Using a Palmatine@Q 8 Fluorescent Probe. *Chemistryselect*, 2019. 4(28): p. 8344-8349. 化学
- 158、Li, J., et al., Diffusion enhancement model and its application in peak detection. *Chemometrics and Intelligent Laboratory Systems*, 2019. 189: p. 130-137. 化学
- 159、Liu, Y., Y.X. Zhang, and J.W. Sun, Copper-Promoted Annulation of Terminal Alkynes with 2-Aminopyridines to Assemble 2-Halogenated Imidazo 1,2-a pyridines. *Journal of Heterocyclic Chemistry*, 2019. 56(10): p. 2804-2810. 化学
- 160、Tao, T., et al., Reversible alteration of spectral properties for azulene decorated multiphenyl-ethylenes by simple acid-base and redox processes. *Dyes and Pigments*, 2019. 164: p. 346-354. 化学
- 161、Zhang, L., L. Xu, and J. Li, First Principles Study on Structurally Resolved Titanium Dioxide Nanoparticles Functionalized by Organic Ligands. *Journal of Structural Chemistry*, 2019. 60(4): p. 671-677. 化学
- 162、Wu, B., et al., Experimental and first principles investigations on the photoisomerization and electrochemical properties of chlorophosphonazo III. *Journal of Molecular Structure*, 2019. 1180: p. 151-157. 化学
- 163、Li, J.F., et al., Engineering Na-Mo-O/Graphene Oxide Composites with Enhanced Electrochemical Performance for Lithium Ion Batteries. *Chemistryopen*, 2019. 8(10): p. 1225-1229. 化学
- 164、Sun, J.W., et al., CuBr₂-Promoted Multicomponent Aerobic Reaction for the Synthesis of 1,2,3-Triaroylindolizines. *Journal of Heterocyclic Chemistry*, 2019. 56(8): p. 2253-2261. 化学
- 165、Wang, X.X., Z.S. Xu, and X.J. Gou, Consensus-Based Track Association with Multistatic Sensors under a Nested Probabilistic-Numerical Linguistic Environment. *Sensors*, 2019. 19(6): p. 17. 化学
- 166、Yu, W.B., et al., Zero-Error Coding via Classical and Quantum Channels in Sensor Networks. *Sensors*, 2019. 19(23): p. 16. 化学
- 167、Xu, L., et al., Understanding photoresponsive catechol-based polyoxotitanate molecules: A combined experimental and first principles investigation. *Chemical Physics Letters*, 2019. 715: p. 217-221. 化学
- 168、Zhang, Y.X., et al., TEMPO-catalyzed decarboxylation reactions for the synthesis of 1,2-unsubstituted indolizines. *Journal of Heterocyclic Chemistry*, 2020. 57(1): p. 210-217. 化学
- 169、Wang, X.J., P. Yuan, and Q.L. Zhang, Study on the Resistance and Thermal Effects of Current in Lightning Return Stroke Channel by Spectroscopy. *Spectroscopy and Spectral Analysis*, 2019.

- 39(12): p. 3718-3723. 化学
- 170、Qu, Y.F., et al., Study on the Physical and Dissociation Properties of Disulfur Dichloride under Electric Fields. *Chinese Journal of Structural Chemistry*, 2019. 38(8): p. 1241-1250. 化学
- 171、Zhang, L., et al., Structures and Properties of Higher-Degree Aggregates of Methylammonium Iodide toward Halide Perovskite Solar Cells. *Russian Journal of Physical Chemistry A*, 2019. 93(11): p. 2250-2255. 化学
- 172、Zhou, F.B., et al., Rapid Detection of Zinc in Coal Ash by Laser Induced Breakdown Spectroscopy. *Spectroscopy and Spectral Analysis*, 2019. 39(6): p. 1980-1985. 化学
- 173、Chen, C.C., et al., Preparation and adsorption properties of a facile solid cucurbit 8 uril-based porous supramolecular assembly. *Journal of Chemical Research*, 2019. 43(9-10): p. 412-418. 化学
- 174、Chen, H.X., et al., Integration of metallic TaS₂ Co-catalyst on carbon nitride photoharvester for enhanced photocatalytic performance. *Canadian Journal of Chemical Engineering*, 2019. 97(6): p. 1821-1827. 化学
- 175、Zhang, Z., et al., Hyperspectral remote sensing to quantify the flowering phenology of winter wheat. *Spectroscopy Letters*, 2019. 52(7): p. 389-397. 化学
- 176、Zheng, G.H., et al., Horizon Classification in Soil Profile Using Imaging Spectroscopy. *Spectroscopy and Spectral Analysis*, 2019. 39(3): p. 882-885. 化学
- 177、Zhang, Y.F. and C.Z. Zhang, Experimental and theoretical study on spontaneous intermolecular charge transfer features and antiaromaticities of unusual bisazo compounds with antiaromatic cores. *Journal of Molecular Structure*, 2019. 1189: p. 225-232. 化学
- 178、Zhang, L. and Q. Wang, Binding Mode of Malonic Acid on the IrO₂ Surface. *Journal of Structural Chemistry*, 2019. 60(1): p. 7-12. 化学
- 179、Shen, J., et al., Two-Factor-Based Public Data Protection Scheme in Smart Ocean Management. *Sensors*, 2019. 19(1): p. 19. 化学
- 180、Zhang, L., et al., Structures and Properties of Methylammonium Iodide Precursors of Halide Perovskites and Implications for Solar Cells: an Ab-Initio Investigation. *Russian Journal of Physical Chemistry A*, 2019. 93(13): p. 2694-2698. 化学
- 181、Yin, W.Y., et al., Molecular Spectra and Dissociation Dynamics of Oxalyl Chloride: Effect of External Electrical Fields. *Chinese Journal of Structural Chemistry*, 2019. 38(4): p. 499-508. 化学
- 182、Lin, S., et al., Intermolecular Interactions of Hybrid Organic Dyes Based on Coumarin 343 for Optoelectronic Applications. *Russian Journal of Physical Chemistry A*, 2019. 93(12): p. 2542-2549. 化学
- 183、Koirala, B., et al., A Multi-Node Energy Prediction Approach Combined with Optimum Prediction Interval for RF Powered WSNs. *Sensors*, 2019. 19(24): p. 14. 化学
- 184、Dai, Y.X. and P.X. Zhuang, Compressed sensing MRI via a multi-scale dilated residual convolution network. *Magnetic Resonance Imaging*, 2019. 63: p. 93-104. 临床医学
- 185、Bean, D.M., et al., Semantic computational analysis of anticoagulation use in atrial fibrillation from real world data. *Plos One*, 2019. 14(11): p. 16. 临床医学
- 186、Ahmadzadeh, S.M.H., et al., Developing and using fast shear wave elastography to quantify physiologically-relevant tendon forces. *Medical Engineering & Physics*, 2019. 69: p. 116-122. 临床医学
- 187、Wu, H.H., et al., Efficient Reuse of Natural Language Processing Models for Phenotype-Mention Identification in Free-text Electronic Medical Records: A Phenotype

- Embedding Approach. *Jmir Medical Informatics*, 2019. 7(4): p. 136-152. 临床医学
- 188、Zhang, T., et al., Modulating acoustic Fano resonance of self-collimated sound beams in two dimensional sonic crystals. *Ultrasonics*, 2019. 91: p. 129-133. 临床医学
- 189、Lu, T., et al., Reliability and validity of the mandarin version of the tinnitus primary function questionnaire A preliminary observational study. *Medicine*, 2019. 98(25): p. 11. 临床医学
- 190、Li, B., Z.S. Fei, and Y. Zhang, UAV Communications for 5G and Beyond: Recent Advances and Future Trends. *Ieee Internet of Things Journal*, 2019. 6(2): p. 2241-2263. 计算机科学
- 191、Wan, S.H., et al., Deep Learning Models for Real-time Human Activity Recognition with Smartphones. *Mobile Networks & Applications*, 2020. 25(2): p. 743-755. 计算机科学
- 192、Xu, X.L., et al., A computation offloading method over big data for IoT-enabled cloud-edge computing. *Future Generation Computer Systems-the International Journal of Escience*, 2019. 95: p. 522-533. 计算机科学
- 193、Wu, Q., et al., An integrated approach to green supplier selection based on the interval type-2 fuzzy best-worst and extended VIKOR methods. *Information Sciences*, 2019. 502: p. 394-417. 计算机科学
- 194、Xue, Y., B. Xue, and M.J. Zhang, Self-Adaptive Particle Swarm Optimization for Large-Scale Feature Selection in Classification. *Acm Transactions on Knowledge Discovery from Data*, 2019. 13(5): p. 27. 计算机科学
- 195、Xu, X.L., et al., An edge computing-enabled computation offloading method with privacy preservation for internet of connected vehicles. *Future Generation Computer Systems-the International Journal of Escience*, 2019. 96: p. 89-100. 计算机科学
- 196、Su, J., et al., ENERGY EFFICIENT TAG IDENTIFICATION ALGORITHMS FOR RFID: SURVEY, MOTIVATION AND NEW DESIGN. *Ieee Wireless Communications*, 2019. 26(3): p. 118-124. 计算机科学
- 197、Qi, L.Y., et al., Time-aware distributed service recommendation with privacy-preservation. *Information Sciences*, 2019. 480: p. 354-364. 计算机科学
- 198、Shen, J., et al., Block Design-Based Key Agreement for Group Data Sharing in Cloud Computing. *Ieee Transactions on Dependable and Secure Computing*, 2019. 16(6): p. 996-1010. 计算机科学
- 199、Zhou, F., et al., Hyperspectral image classification using spectral-spatial LSTMs. *Neurocomputing*, 2019. 328: p. 39-47. 计算机科学
- 200、Xu, X.L., et al., An energy-aware computation offloading method for smart edge computing in wireless metropolitan area networks. *Journal of Network and Computer Applications*, 2019. 133: p. 75-85. 计算机科学
- 201、Su, J., et al., Fast Splitting-Based Tag Identification Algorithm For Anti-Collision in UHF RFID System. *Ieee Transactions on Communications*, 2019. 67(3): p. 2527-2538. 计算机科学
- 202、Li, B., et al., Secure UAV Communication Networks over 5G. *Ieee Wireless Communications*, 2019. 26(5): p. 114-120. 计算机科学
- 203、Fu, Z.J., et al., Enabling Semantic Search Based on Conceptual Graphs over Encrypted Outsourced Data. *Ieee Transactions on Services Computing*, 2019. 12(5): p. 813-823. 计算机科学
- 204、Li, J.G., et al., Key-policy attribute-based encryption against continual auxiliary input leakage. *Information Sciences*, 2019. 470: p. 175-188. 计算机科学
- 205、Gao, J., et al., Expected consistency-based emergency decision making with incomplete

- probabilistic linguistic preference relations. *Knowledge-Based Systems*, 2019. 176: p. 15-28. 计算机科学
- 206、Xu, X.L., et al., A Blockchain-Powered Crowdsourcing Method With Privacy Preservation in Mobile Environment. *Ieee Transactions on Computational Social Systems*, 2019. 6(6): p. 1407-1419. 计算机科学
- 207、Zhou, Z.L., Y. Mu, and Q.M.J. Wu, Coverless image steganography using partial-duplicate image retrieval. *Soft Computing*, 2019. 23(13): p. 4927-4938. 计算机科学
- 208、Gao, J., et al., An emergency decision making method based on the multiplicative consistency of probabilistic linguistic preference relations. *International Journal of Machine Learning and Cybernetics*, 2019. 10(7): p. 1613-1629. 计算机科学
- 209、Zhang, Y.X., Z.S. Xu, and H.C. Liao, Water security evaluation based on the TODIM method with probabilistic linguistic term sets. *Soft Computing*, 2019. 23(15): p. 6215-6230. 计算机科学
- 210、Qi, L.Y., et al., Finding All You Need: Web APIs Recommendation in Web of Things Through Keywords Search. *Ieee Transactions on Computational Social Systems*, 2019. 6(5): p. 1063-1072. 计算机科学
- 211、Lin, M.W., H.B. Wang, and Z.H. Xu, TODIM-based multi-criteria decision-making method with hesitant fuzzy linguistic term sets. *Artificial Intelligence Review*, 2020. 53(5): p. 3647-3671. 计算机科学
- 212、Wu, Q., et al., Enhancing multiple attribute group decision making flexibility based on information fusion technique and hesitant Pythagorean fuzzy sets. *Computers & Industrial Engineering*, 2019. 127: p. 954-970. 计算机科学
- 213、Wu, H., Q. Liu, and X.D. Liu, A Review on Deep Learning Approaches to Image Classification and Object Segmentation. *Cmc-Computers Materials & Continua*, 2019. 60(2): p. 575-597. 计算机科学
- 214、Gou, X.J., et al., Group decision making with double hierarchy hesitant fuzzy linguistic preference relations: Consistency based measures, index and repairing algorithms and decision model. *Information Sciences*, 2019. 489: p. 93-112. 计算机科学
- 215、Li, H.B., et al., Designated-server identity-based authenticated encryption with keyword search for encrypted emails. *Information Sciences*, 2019. 481: p. 330-343. 计算机科学
- 216、Fu, Z.J., et al., Writing in the Air with WiFi Signals for Virtual Reality Devices. *Ieee Transactions on Mobile Computing*, 2019. 18(2): p. 473-484. 计算机科学
- 217、Liu, J. and J. Liu, Applying multi-objective ant colony optimization algorithm for solving the unequal area facility layout problems. *Applied Soft Computing*, 2019. 74: p. 167-189. 计算机科学
- 218、Xu, X.L., et al., A blockchain-based computation offloading method for edge computing in 5G networks. *Software-Practice & Experience*, 2021. 51(10): p. 2015-2032. 计算机科学
- 219、Yuan, C.S., X.M. Sun, and Q.M.J. Wu, Difference co-occurrence matrix using BP neural network for fingerprint liveness detection. *Soft Computing*, 2019. 23(13): p. 5157-5169. 计算机科学
- 220、Yin, C.Y., S.L. Ding, and J. Wang, Mobile marketing recommendation method based on user location feedback. *Human-Centric Computing and Information Sciences*, 2019. 9: p. 17. 计算机科学
- 221、Xiong, P.P., et al., Grey extended prediction model based on IRLS and its application on smog pollution. *Applied Soft Computing*, 2019. 80: p. 797-809. 计算机科学

- 222、Wang, B.W., et al., A Dual-Chaining Watermark Scheme for Data Integrity Protection in Internet of Things. *Cmc-Computers Materials & Continua*, 2019. 58(3): p. 679-695. 计算机科学
- 223、Xu, Z.S., Y. He, and X.Z. Wang, An overview of probabilistic-based expressions for qualitative decision-making: techniques, comparisons and developments. *International Journal of Machine Learning and Cybernetics*, 2019. 10(6): p. 1513-1528. 计算机科学
- 224、Qu, Z.G., et al., A novel quantum image steganography algorithm based on exploiting modification direction. *Multimedia Tools and Applications*, 2019. 78(7): p. 7981-8001. 计算机科学
- 225、Zhang, M.W., et al., Obfuscating EVES Algorithm and Its Application in Fair Electronic Transactions in Public Clouds. *Ieee Systems Journal*, 2019. 13(2): p. 1478-1486. 计算机科学
- 226、Rong, H., et al., Deep rolling: A novel emotion prediction model for a multi-participant communication context. *Information Sciences*, 2019. 488: p. 158-180. 计算机科学
- 227、Tian, X.L., Z.S. Xu, and J. Gu, An Extended TODIM Based on Cumulative Prospect Theory and Its Application in Venture Capital. *Informatica*, 2019. 30(2): p. 413-429. 计算机科学
- 228、Sun, L., et al., A framework of cloud service selection with criteria interactions. *Future Generation Computer Systems-the International Journal of Escience*, 2019. 94: p. 749-764. 计算机科学
- 229、Tian, Y., et al., A privacy preserving location service for cloud-of-things system. *Journal of Parallel and Distributed Computing*, 2019. 123: p. 215-222. 计算机科学
- 230、Zhang, T.T., et al., The role of virtual try-on technology in online purchase decision from consumers' aspect. *Internet Research*, 2019. 29(3): p. 529-551. 计算机科学
- 231、Liu, N.N., Y. He, and Z.S. Xu, A new approach to deal with consistency and consensus issues for hesitant fuzzy linguistic preference relations. *Applied Soft Computing*, 2019. 76: p. 400-415. 计算机科学
- 232、Li, T., et al., Publicly verifiable privacy-preserving aggregation and its application in IoT. *Journal of Network and Computer Applications*, 2019. 126: p. 39-44. 计算机科学
- 233、Zhang, M.X., et al., A hybrid biogeography-based optimization and fuzzy C-means algorithm for image segmentation. *Soft Computing*, 2019. 23(6): p. 2033-2046. 计算机科学
- 234、Xia, Z.H., et al., A Privacy-Preserving Image Retrieval Based on AC-Coefficients and Color Histograms in Cloud Environment. *Cmc-Computers Materials & Continua*, 2019. 58(1): p. 27-43. 计算机科学
- 235、Wu, P., et al., Local feedback mechanism based on consistency-derived for consensus building in group decision making with hesitant fuzzy linguistic preference relations. *Computers & Industrial Engineering*, 2019. 137: p. 12. 计算机科学
- 236、Fang, W., et al., CSDA: a novel cluster-based secure data aggregation scheme for WSNs. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22: p. S5233-S5244. 计算机科学
- 237、Wang, J.J. and Y.N. Li, An innovative hybrid approach for multi-step ahead wind speed prediction. *Applied Soft Computing*, 2019. 78: p. 296-309. 计算机科学
- 238、Sun, R.X., et al., An improved method in deep packet inspection based on regular expression. *Journal of Supercomputing*, 2019. 75(6): p. 3317-3333. 计算机科学
- 239、Zheng, Y.H., et al., Multi-Kernel Coupled Projections for Domain Adaptive Dictionary Learning. *Ieee Transactions on Multimedia*, 2019. 21(9): p. 2292-2304. 计算机科学
- 240、Liu, X.L., et al., On fusing the latent deep CNN feature for image classification. *World Wide*

Web-Internet and Web Information Systems, 2019. 22(2): p. 423-436. 计算机科学

241、Pan, Z.Q., et al., Low complexity versatile video coding for traffic surveillance system. International Journal of Sensor Networks, 2019. 30(2): p. 116-125. 计算机科学

242、Zhang, S., Z.S. Xu, and H.Y. Wu, Fusions and preference relations based on probabilistic interval-valued hesitant fuzzy information in group decision making. Soft Computing, 2019. 23(17): p. 8291-8306. 计算机科学

243、Deng, Z.L., et al., Blockchain-Based Trusted Electronic Records Preservation in Cloud Storage. Cmc-Computers Materials & Continua, 2019. 58(1): p. 135-151. 计算机科学

244、Zheng, Y.J., et al., Water wave optimization for combinatorial optimization: Design strategies and applications. Applied Soft Computing, 2019. 83: p. 16. 计算机科学

245、Zhao, N., Z.S. Xu, and Z.L. Ren, Hesitant fuzzy linguistic prioritized superiority and inferiority ranking method and its application in sustainable energy technology evaluation. Information Sciences, 2019. 478: p. 239-257. 计算机科学

246、Fang, W., et al., DOG: A new background removal for object recognition from images. Neurocomputing, 2019. 361: p. 85-91. 计算机科学

247、Yang, Y., X.X. Wang, and Z.S. Xu, The multiplicative consistency threshold of intuitionistic fuzzy preference relation. Information Sciences, 2019. 477: p. 349-368. 计算机科学

248、Tan, L., et al., Application of Self-Organizing Feature Map Neural Network Based on K-means Clustering in Network Intrusion Detection. Cmc-Computers Materials & Continua, 2019. 61(1): p. 275-288. 计算机科学

249、Ding, S.F., et al., A review on multi-class TWSVM. Artificial Intelligence Review, 2019. 52(2): p. 775-801. 计算机科学

250、Xu, X., et al., A feasible density peaks clustering algorithm with a merging strategy. Soft Computing, 2019. 23(13): p. 5171-5183. 计算机科学

251、Meng, S.M., et al., Privacy-preserving and sparsity-aware location-based prediction method for collaborative recommender systems. Future Generation Computer Systems-the International Journal of Escience, 2019. 96: p. 324-335. 计算机科学

252、Yin, C.Y., et al., Local privacy protection classification based on human-centric computing. Human-Centric Computing and Information Sciences, 2019. 9(1): p. 14. 计算机科学

253、Zhang, Z., et al., Kernel-Induced Label Propagation by Mapping for Semi-Supervised Classification. Ieee Transactions on Big Data, 2019. 5(2): p. 148-165. 计算机科学

254、Qu, Z.G., et al., Analysis and Improvement of Steganography Protocol Based on Bell States in Noise Environment. Cmc-Computers Materials & Continua, 2019. 59(2): p. 607-624. 计算机科学

255、Wang, L., et al., Robust auto-weighted projective low-rank and sparse recovery for visual representation. Neural Networks, 2019. 117: p. 201-215. 计算机科学

256、Chen, B.J., et al., Fractional quaternion cosine transform and its application in color image copy-move forgery detection. Multimedia Tools and Applications, 2019. 78(7): p. 8057-8073. 计算机科学

257、Zhang, X.F., et al., A projection method for multiple attribute group decision making with probabilistic linguistic term sets. International Journal of Machine Learning and Cybernetics, 2019. 10(9): p. 2515-2528. 计算机科学

258、Du, M.J., et al., A novel density peaks clustering with sensitivity of local density and density-adaptive metric. Knowledge and Information Systems, 2019. 59(2): p. 285-309. 计算机

科学

- 259、Wu, X.T. and C.N. Yang, A combination of color-black-and-white visual cryptography and polynomial based secret image sharing. *Journal of Visual Communication and Image Representation*, 2019. 61: p. 74-84. 计算机科学
- 260、Guo, Y.C., C. Li, and Q. Liu, (RN)-N-2: A Novel Deep Learning Architecture for Rain Removal from Single Image. *Cmc-Computers Materials & Continua*, 2019. 58(3): p. 829-843. 计算机科学
- 261、Xue, W.T., et al., Hazard assessment of landslide dams using the evidential reasoning algorithm with multi-scale hesitant fuzzy linguistic information. *Applied Soft Computing*, 2019. 79: p. 74-86. 计算机科学
- 262、Meng, F.Y., J. Tang, and Z.S. Xu, Exploiting the priority weights from interval linguistic fuzzy preference relations. *Soft Computing*, 2019. 23(2): p. 583-597. 计算机科学
- 263、Zhuang, W., et al., Design of human activity recognition algorithms based on a single wearable IMU sensor. *International Journal of Sensor Networks*, 2019. 30(3): p. 193-206. 计算机科学
- 264、Jha, S.K., et al., A comprehensive search for expert classification methods in disease diagnosis and prediction. *Expert Systems*, 2019. 36(1): p. 35. 计算机科学
- 265、Zheng, Y.H., et al., Spatially Regularized Structural Support Vector Machine for Robust Visual Tracking. *Ieee Transactions on Neural Networks and Learning Systems*, 2019. 30(10): p. 3024-3034. 计算机科学
- 266、Li, Y., et al., Moving object detection via segmentation and saliency constrained RPCA. *Neurocomputing*, 2019. 323: p. 352-362. 计算机科学
- 267、Ullah, R., et al., Optical 1.56 Tbps coherent 4-QAM transmission across 60 km SSMF employing OFC scheme. *Aeu-International Journal of Electronics and Communications*, 2019. 105: p. 78-84. 计算机科学
- 268、Tang, J., S.M. Chen, and F.Y. Meng, Group decision making with multiplicative interval linguistic hesitant fuzzy preference relations. *Information Sciences*, 2019. 495: p. 215-233. 计算机科学
- 269、Tang, J., S.M. Chen, and F.Y. Meng, Heterogeneous group decision making in the setting of incomplete preference relations. *Information Sciences*, 2019. 483: p. 396-418. 计算机科学
- 270、Cheng, Y., et al., Deep Belief Network for Meteorological Time Series Prediction in the Internet of Things. *Ieee Internet of Things Journal*, 2019. 6(3): p. 4369-4376. 计算机科学
- 271、Xu, Z.Y., et al., A time-efficient data offloading method with privacy preservation for intelligent sensors in edge computing. *Eurasip Journal on Wireless Communications and Networking*, 2019. 2019(1): p. 12. 计算机科学
- 272、Wang, T., et al., A Survey of Fog Computing in Wireless Sensor Networks: Concepts, Frameworks, Applications and Issues. *Ad Hoc & Sensor Wireless Networks*, 2019. 44(1-2): p. 109-130. 计算机科学
- 273、Liu, Y.P., et al., A CCA-secure multi-conditional proxy broadcast re-encryption scheme for cloud storage system. *Journal of Information Security and Applications*, 2019. 47: p. 125-131. 计算机科学
- 274、Wang, A.X., et al., Secure big data communication for energy efficient intra-cluster in WSNs. *Information Sciences*, 2019. 505: p. 586-599. 计算机科学
- 275、Chen, Y.D., et al., Multilevel Model for Video Object Segmentation Based on Supervision Optimization. *Ieee Transactions on Multimedia*, 2019. 21(8): p. 1934-1945. 计算机科学

- 276、Li, C.L., et al., Mobile user behavior based topology formation and optimization in ad hoc mobile cloud. *Journal of Systems and Software*, 2019. 148: p. 132-147. 计算机科学
- 277、Li, Z.Z., et al., Efficient quantum state transmission via perfect quantum network coding. *Science China-Information Sciences*, 2019. 62(1): p. 14. 计算机科学
- 278、Yan, S., et al., Cooperative Jamming for Physical Layer Security in Hybrid Satellite Terrestrial Relay Networks. *China Communications*, 2019. 16(12): p. 154-164. 计算机科学
- 279、Chen, X.Y., H.D. Zhong, and Z.F. Bao, A GLCM-Feature-Based Approach for Reversible Image Transformation. *Cmc-Computers Materials & Continua*, 2019. 59(1): p. 239-255. 计算机科学
- 280、Sun, W., et al., Traffic Sign Recognition Method Integrating Multi-Layer Features and Kernel Extreme Learning Machine Classifier. *Cmc-Computers Materials & Continua*, 2019. 60(1): p. 147-161. 计算机科学
- 281、Chen, X.Y. and S. Chen, Text coverless information hiding based on compound and selection of words. *Soft Computing*, 2019. 23(15): p. 6323-6330. 计算机科学
- 282、Sun, Y.J., et al., Research on the Signal Reconstruction of the Phased Array Structural Health Monitoring Based Using the Basis Pursuit Algorithm. *Cmc-Computers Materials & Continua*, 2019. 58(2): p. 409-420. 计算机科学
- 283、Yin, C.Y., et al., Location recommendation privacy protection method based on location sensitivity division. *Eurasip Journal on Wireless Communications and Networking*, 2019. 2019(1): p. 13. 计算机科学
- 284、Wang, Q., et al., Lever Arm Compensation of Autonomous Underwater Vehicle for Fast Transfer Alignment. *Cmc-Computers Materials & Continua*, 2019. 59(1): p. 105-118. 计算机科学
- 285、Huang, Y., et al., Visual object tracking with discriminative correlation filtering and hybrid color feature. *Multimedia Tools and Applications*, 2019. 78(24): p. 34725-34744. 计算机科学
- 286、Shang, R.H., et al., Unsupervised feature selection based on self-representation sparse regression and local similarity preserving. *International Journal of Machine Learning and Cybernetics*, 2019. 10(4): p. 757-770. 计算机科学
- 287、Wu, X.H., et al., Study of haze emission efficiency based on new co-opetition data envelopment analysis. *Expert Systems*, 2020. 37(4): p. 21. 计算机科学
- 288、Yuan, C.S., et al., Semi-supervised stacked autoencoder-based deep hierarchical semantic feature for real-time fingerprint liveness detection. *Journal of Real-Time Image Processing*, 2020. 17(1): p. 55-71. 计算机科学
- 289、Lu, Z.Y., Y.N. Qiu, and T.M. Zhan, Neutrosophic C-means clustering with local information and noise distance-based kernel metric image segmentation. *Journal of Visual Communication and Image Representation*, 2019. 58: p. 269-276. 计算机科学
- 290、Shen, J., et al., Lightweight authentication and matrix-based key agreement scheme for healthcare in fog computing. *Peer-to-Peer Networking and Applications*, 2019. 12(4): p. 924-933. 计算机科学
- 291、Wu, S.E., et al., In-band full duplex wireless communications and networking for IoT devices: Progress, challenges and opportunities. *Future Generation Computer Systems-the International Journal of Esience*, 2019. 92: p. 705-714. 计算机科学
- 292、Chen, X.Q., et al., Behavioral DEA model and its application to the efficiency evaluation of manufacturing transformation and upgrading in the Yangtze River Delta. *Soft Computing*, 2020. 24(14): p. 10721-10738. 计算机科学

- 293、Wang, J.W., et al., A new method estimating linear gaussian filter kernel by image PRNU noise. *Journal of Information Security and Applications*, 2019. 44: p. 1-11. 计算机科学
- 294、Sun, R.X., et al., Strategies for data stream mining method applied in anomaly detection. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22(2): p. 399-408. 计算机科学
- 295、Shen, J., et al., Secure Emergent Data Protection Scheme for a Space-Terrestrial Integrated Network. *Ieee Network*, 2019. 33(1): p. 44-50. 计算机科学
- 296、Xiong, L.Z. and D.P. Dong, Reversible data hiding in encrypted images with somewhat homomorphic encryption based on sorting block-level prediction-error expansion. *Journal of Information Security and Applications*, 2019. 47: p. 78-85. 计算机科学
- 297、Liu, W.J., et al., Privacy-Preserving Quantum Two-Party Geometric Intersection. *Cmc-Computers Materials & Continua*, 2019. 60(3): p. 1237-1250. 计算机科学
- 298、Wang, C., et al., Neighborhood trustworthiness-based vehicle-to-vehicle authentication scheme for vehicular ad hoc networks. *Concurrency and Computation-Practice & Experience*, 2019. 31(21): p. 11. 计算机科学
- 299、Yang, L.H., et al., Detecting Word-Based Algorithmically Generated Domains Using Semantic Analysis. *Symmetry-Basel*, 2019. 11(2): p. 20. 计算机科学
- 300、Ruan, F., et al., Deep learning for real-time image steganalysis: a survey. *Journal of Real-Time Image Processing*, 2020. 17(1): p. 149-160. 计算机科学
- 301、Yuan, Q., et al., Blind motion deblurring with cycle generative adversarial networks. *Visual Computer*, 2020. 36(8): p. 1591-1601. 计算机科学
- 302、Yin, C.Y., et al., Anomaly detection model based on data stream clustering. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22: p. 1729-1738. 计算机科学
- 303、Hu, C. and Y.Q. Dong, Age of Information of Two-way Data Exchanging Systems With Power-Splitting. *Journal of Communications and Networks*, 2019. 21(3): p. 295-306. 计算机科学
- 304、Wang, Y., et al., Towards efficient privacy-preserving encrypted image search in cloud computing. *Soft Computing*, 2019. 23(6): p. 2101-2112. 计算机科学
- 305、Yin, C.Y., et al., Improved deep packet inspection in data stream detection. *Journal of Supercomputing*, 2019. 75(8): p. 4295-4308. 计算机科学
- 306、Yang, X.M., et al., Implementing real-time RCF-Retinex image enhancement method using CUDA. *Journal of Real-Time Image Processing*, 2019. 16(1): p. 115-125. 计算机科学
- 307、Yu, X.B., et al., An effective improved differential evolution algorithm to solve constrained optimization problems. *Soft Computing*, 2019. 23(7): p. 2409-2427. 计算机科学
- 308、Zhu, J.M., et al., A novel decomposition-ensemble approach to crude oil price forecasting with evolution clustering and combined model. *International Journal of Machine Learning and Cybernetics*, 2019. 10(12): p. 3349-3362. 计算机科学
- 309、Tao, Z.F., et al., Rank aggregation based multi-attribute decision making with hybrid Z-information and its application. *Journal of Intelligent & Fuzzy Systems*, 2019. 37(3): p. 4231-4239. 计算机科学
- 310、Yang, L.S., et al., Polarization reconfigurable slot antenna for 5.8 GHz wireless applications. *Aeu-International Journal of Electronics and Communications*, 2019. 101: p. 27-32. 计算机科学
- 311、Guo, Y.N., et al., Firework-based software project scheduling method considering the

- learning and forgetting effect. *Soft Computing*, 2019. 23(13): p. 5019-5034. 计算机科学
- 312、Shen, C., S.J. Xue, and S.C. Fu, ECPM: an energy-efficient cloudlet placement method in mobile cloud environment. *Eurasip Journal on Wireless Communications and Networking*, 2019: p. 10. 计算机科学
- 313、Bai, C.Z., et al., An ordered clustering algorithm based on fuzzy c-means and PROMETHEE. *International Journal of Machine Learning and Cybernetics*, 2019. 10(6): p. 1423-1436. 计算机科学
- 314、Sun, L. and J.Y. He, An extensible framework for ECG anomaly detection in wireless body sensor monitoring systems. *International Journal of Sensor Networks*, 2019. 29(2): p. 101-110. 计算机科学
- 315、Xie, X.Y., et al., Matrix recovery with implicitly low-rank data. *Neurocomputing*, 2019. 334: p. 219-226. 计算机科学
- 316、Meng, F.Y., N. Wang, and Y.W. Xu, Interval neutrosophic preference relations and their application in virtual enterprise partner selection. *Journal of Ambient Intelligence and Humanized Computing*, 2019. 10(12): p. 5007-5036. 计算机科学
- 317、Bao, S.Z., et al., Colour face recognition using fuzzy quaternion-based discriminant analysis. *International Journal of Machine Learning and Cybernetics*, 2019. 10(2): p. 385-395. 计算机科学
- 318、Cheng, Y., et al., Attribute Reduction Based on Genetic Algorithm for the Coevolution of Meteorological Data in the Industrial Internet of Things. *Wireless Communications & Mobile Computing*, 2019: p. 8. 计算机科学
- 319、Song, C.Y., Y.X. Zhang, and Z.S. Xu, An improved structure learning algorithm of Bayesian Network based on the hesitant fuzzy information flow. *Applied Soft Computing*, 2019. 82: p. 10. 计算机科学
- 320、Li, T., et al., An efficient method for meteorological nephogram recognition in cloud environment. *Eurasip Journal on Wireless Communications and Networking*, 2019. 2019(1): p. 10. 计算机科学
- 321、Hao, Y.S., et al., Adaptive energy-aware scheduling method in a meteorological cloud. *Future Generation Computer Systems-the International Journal of Escience*, 2019. 101: p. 1142-1157. 计算机科学
- 322、Zhang, X.R., et al., A tumour perception system based on a multi-layer mass-spring model. *International Journal of Sensor Networks*, 2019. 31(1): p. 24-32. 计算机科学
- 323、Ruan, F., et al., A big data placement method using NSGA-III in meteorological cloud platform. *Eurasip Journal on Wireless Communications and Networking*, 2019: p. 13. 计算机科学
- 324、Wang, Y.P., et al., Sparsity-promoting elastic net method with rotations for high-dimensional nonlinear inverse problem. *Computer Methods in Applied Mechanics and Engineering*, 2019. 345: p. 263-282. 计算机科学
- 325、Hua, C., et al., Short-term power prediction of photovoltaic power station based on long short-term memory-back-propagation. *International Journal of Distributed Sensor Networks*, 2019. 15(10): p. 9. 计算机科学
- 326、Chen, X.Y., H.D. Zhong, and A.Q. Qiu, Reversible data hiding scheme in multiple encrypted images based on code division multiplexing. *Multimedia Tools and Applications*, 2019. 78(6): p. 7499-7516. 计算机科学

- 327、Jiang, F., et al., Outlier detection based on approximation accuracy entropy. *International Journal of Machine Learning and Cybernetics*, 2019. 10(9): p. 2483-2499. 计算机科学
- 328、Xie, Y., et al., Efficient two-party certificateless authenticated key agreement protocol under GDH assumption. *International Journal of Ad Hoc and Ubiquitous Computing*, 2019. 30(1): p. 11-25. 计算机科学
- 329、Zheng, Y., X.L. Xu, and L.Y. Qi, Deep CNN-Assisted Personalized Recommendation over Big Data for Mobile Wireless Networks. *Wireless Communications & Mobile Computing*, 2019: p. 16. 计算机科学
- 330、Liu, W.J., et al., A Quantum-Based Database Query Scheme for Privacy Preservation in Cloud Environment. *Security and Communication Networks*, 2019: p. 14. 计算机科学
- 331、Wu, X.T., et al., A (k, n) threshold partial reversible AMBTC-based visual cryptography using one reference image. *Journal of Visual Communication and Image Representation*, 2019. 59: p. 550-562. 计算机科学
- 332、Li, L.Y., et al., Unsupervised Cross-Database Micro-Expression Recognition Using Target-Adapted Least-Squares Regression. *Ieice Transactions on Information and Systems*, 2019. E102D(7): p. 1417-1421. 计算机科学
- 333、Xiong, L.Z., et al., Secure multimedia distribution in cloud computing using re-encryption and fingerprinting. *Multimedia Tools and Applications*, 2019. 78(21): p. 30297-30313. 计算机科学
- 334、Li, E.Y., et al., Outage Analysis of Decode-and-Forward Two-Way Relay Selection With Different Coding and Decoding Schemes. *Ieee Systems Journal*, 2019. 13(1): p. 125-136. 计算机科学
- 335、Zhang, J., T.B. Wang, and J. Tang, Optimising rendezvous-based data collection for target tracking in WSNs with mobile elements. *International Journal of Sensor Networks*, 2019. 30(4): p. 218-230. 计算机科学
- 336、Li, T.P., et al., Low-rank weighted co-saliency detection via efficient manifold ranking. *Multimedia Tools and Applications*, 2019. 78(15): p. 21309-21324. 计算机科学
- 337、Zhang, Y.H., et al., Dynamics Modeling and Stability Analysis of Tilt Wing Unmanned Aerial Vehicle During Transition. *Cmc-Computers Materials & Continua*, 2019. 59(3): p. 833-851. 计算机科学
- 338、Jiao, Y., et al., Data Based Violated Behavior Analysis of Taxi Driver in Metropolis in China. *Cmc-Computers Materials & Continua*, 2019. 60(3): p. 1109-1122. 计算机科学
- 339、Zhang, W.W., et al., An end-to-end joint learning framework of artery-specific coronary calcium scoring in non-contrast cardiac CT. *Computing*, 2019. 101(6): p. 667-678. 计算机科学
- 340、Zhang, X.R., et al., An Integrated Suture Simulation System with Deformation Constraint Under A Suture Control Strategy. *Cmc-Computers Materials & Continua*, 2019. 60(3): p. 1055-1071. 计算机科学
- 341、Zhang, L. and K. Xu, Understanding substitution effects on dye structures and optoelectronic properties of molecular halide perovskite Cs₄MX₆ (M=Pb, Sn, Ge; X=Br, I, Cl). *Journal of Molecular Graphics & Modelling*, 2019. 91: p. 172-179. 计算机科学
- 342、Zhang, L., et al., Understanding structures and properties of phosphorene/perovskite heterojunction toward perovskite solar cell applications. *Journal of Molecular Graphics & Modelling*, 2019. 89: p. 96-101. 计算机科学
- 343、Ullah, R., et al., Proposing simulation model for multi-wavelength source offering 40 Gbps

- WDM-PON using AWG with a single laser. *Computer Applications in Engineering Education*, 2019. 27(6): p. 1299-1307. 计算机科学
- 344、Wang, L.N., et al., Local outlier detection based on information entropy weighting. *International Journal of Sensor Networks*, 2019. 30(4): p. 207-217. 计算机科学
- 345、Mbonihankuye, S., A. Nkuzimana, and A. Ndagijimana, Healthcare Data Security Technology: HIPAA Compliance. *Wireless Communications & Mobile Computing*, 2019. 2019: p. 7. 计算机科学
- 346、Fang, Z.J., et al., Fuzzy Search for Multiple Chinese Keywords in Cloud Environment. *Cmc-Computers Materials & Continua*, 2019. 60(1): p. 351-363. 计算机科学
- 347、Ma, T.H., et al., Feature Selection with a Local Search Strategy Based on the Forest Optimization Algorithm. *Cmes-Computer Modeling in Engineering & Sciences*, 2019. 121(2): p. 569-592. 计算机科学
- 348、Sun, W., et al., Driving behaviour recognition based on orientation and position deviations. *International Journal of Sensor Networks*, 2019. 30(3): p. 161-171. 计算机科学
- 349、Tang, J. and F.Y. Meng, Calculating priority weights from interval-valued multiplicative hesitant fuzzy preference relations. *Soft Computing*, 2019. 23(22): p. 11573-11592. 计算机科学
- 350、Ding, S.F., et al., BEMD image fusion based on PCNN and compressed sensing. *Soft Computing*, 2019. 23(20): p. 10045-10054. 计算机科学
- 351、Xie, J.C., et al., Automatic Medical Image Registration Based on an Integrated Method Combining Feature and Area Information. *Neural Processing Letters*, 2019. 49(1): p. 263-284. 计算机科学
- 352、Chen, J.L., et al., Array diagnosis and angle estimation in bistatic MIMO radar under array antenna failures. *Iet Radar Sonar and Navigation*, 2019. 13(7): p. 1180-1188. 计算机科学
- 353、Sun, L., An influence diagram based cloud service selection approach in dynamic cloud marketplaces. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22: p. S7369-S7378. 计算机科学
- 354、Jiang, L.Q., et al., An effective comparison protocol over encrypted data in cloud computing. *Journal of Information Security and Applications*, 2019. 48: p. 7. 计算机科学
- 355、Sun, M.X., et al., An Auto-Calibration Approach to Robust and Secure Usage of Accelerometers for Human Motion Analysis in FES Therapies. *Cmc-Computers Materials & Continua*, 2019. 60(1): p. 67-83. 计算机科学
- 356、Huang, M.D., et al., Sparse Selective Encryption for HEVC 4K Video Using Spatial Error Spread. *Journal of Internet Technology*, 2019. 20(5): p. 1589-1600. 计算机科学
- 357、Fu, Z.J., et al., Privacy-Preserving Content-Aware Search Based on Two-Level Index. *Cmc-Computers Materials & Continua*, 2019. 59(2): p. 473-491. 计算机科学
- 358、Dutta, S., et al., M-MEMHS: Modified Minimization of Error in Multihop System for Localization of Unknown Sensor Nodes. *Ieee Systems Journal*, 2019. 13(1): p. 215-225. 计算机科学
- 359、Zhao, Y.W., et al., ICRA: index based cache replacement algorithm for cloud storage. *International Journal of Sensor Networks*, 2019. 29(1): p. 48-57. 计算机科学
- 360、Yu, X.B., et al., Evaluate the Effectiveness of Multiobjective Evolutionary Algorithms by Box Plots and Fuzzy TOPSIS. *International Journal of Computational Intelligence Systems*, 2019. 12(2): p. 733-743. 计算机科学
- 361、Gao, Y.C., J.W. Wang, and Y.Q. Shi, Dynamic multi-watermarking and detecting in DWT

domain. *Journal of Real-Time Image Processing*, 2019. 16(3): p. 565-576. 计算机科学

362、Zhang, G.Q., Y.H. Zheng, and G.Y. Xia, Domain adaptive collaborative representation based classification. *Multimedia Tools and Applications*, 2019. 78(21): p. 30175-30196. 计算机科学

363、Xue, S.J., et al., DSM: a dynamic scheduling method for concurrent workflows in cloud environment. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22: p. 693-706. 计算机科学

364、Wu, P., et al., Consistency analysis and priority weights of multiplicative trapezoidal fuzzy preference relations based on multiplicative consistency and logarithmic least square model. *Journal of Intelligent & Fuzzy Systems*, 2019. 37(6): p. 8317-8334. 计算机科学

365、Zhai, Y.L. and Z.S. Xu, Consistency Checking and Improving for Interval-Valued Hesitant Preference Relations. *Symmetry-Basel*, 2019. 11(4): p. 21. 计算机科学

366、Chin, H.C., X.T. Pang, and Z.X. Wang, Analysis of Bus Ride Comfort Using Smartphone Sensor Data. *Cmc-Computers Materials & Continua*, 2019. 60(2): p. 455-463. 计算机科学

367、Yang, M., et al., An efficient storage and service method for multi-source merging meteorological big data in cloud environment. *Eurasip Journal on Wireless Communications and Networking*, 2019. 2019(1): p. 12. 计算机科学

368、Liu, J.J., et al., An Adaptive Superpixel Tracker Using Multiple Features. *Cmc-Computers Materials & Continua*, 2019. 60(3): p. 1097-1108. 计算机科学

369、Zhang, H.L., C.X. Xia, and X.J. Gao, Action recognition based on multi-stage jointly training convolutional network. *Multimedia Tools and Applications*, 2019. 78(8): p. 9919-9931. 计算机科学

370、He, L.L., et al., A novel parallel and distributed magnetotelluric inversion algorithm on multi-threads workloads cluster. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22(4): p. 1073-1083. 计算机科学

371、Lu, Z.Y., et al., A method of visibility forecast based on hierarchical sparse representation. *Journal of Visual Communication and Image Representation*, 2019. 58: p. 160-165. 计算机科学

372、Liu, Q., Y.Y. Zou, and X.D. Liu, A Self-Organizing Memory Neural Network for Aerosol Concentration Prediction. *Cmes-Computer Modeling in Engineering & Sciences*, 2019. 119(3): p. 617-637. 计算机科学

373、Huang, Z., et al., A Physical Layer Algorithm for Estimation of Number of Tags in UHF RFID Anti-Collision Design. *Cmc-Computers Materials & Continua*, 2019. 61(1): p. 399-408. 计算机科学

374、Tian, Q., et al., Relationships Self-Learning Based Gender-Aware Age Estimation. *Neural Processing Letters*, 2019. 50(3): p. 2141-2160. 计算机科学

375、Yang, J.W., L. Zhang, and P.Y. Li, Radon-Fourier descriptor for invariant pattern recognition. *International Journal of Wavelets Multiresolution and Information Processing*, 2019. 17(2): p. 17. 计算机科学

376、Deng, Z.L., et al., Privacy-preserving quantum multi-party computation based on circular structure. *Journal of Information Security and Applications*, 2019. 47: p. 120-124. 计算机科学

377、Wu, P., et al., On Consistency and Priority Weights for Uncertain 2-Tuple Linguistic Preference Relations. *International Journal of Computational Intelligence Systems*, 2019. 12(2): p. 1339-1352. 计算机科学

378、Luo, H.G., et al., Multihop Distance-Bounding for Improving Security and Efficiency of Ad-Hoc Networks. *Ieee Internet of Things Journal*, 2019. 6(3): p. 5312-5323. 计算机科学

- 379、Han, Y., et al., Multi-Rate Polling: Improve the Performance of Energy Harvesting Backscatter Wireless Networks. *Cmc-Computers Materials & Continua*, 2019. 60(2): p. 795-812. 计算机科学
- 380、Xia, M., et al., MEMORY BASED DECISION MAKING: A SPIKING NEURAL CIRCUIT MODEL. *Neural Network World*, 2019. 29(3): p. 135-149. 计算机科学
- 381、Shen, J., et al., Intelligent image segmentation model for remote sensing applications. *Journal of Intelligent & Fuzzy Systems*, 2019. 37(1): p. 361-370. 计算机科学
- 382、Xing, F., et al., Friend circle identification in ego network based on hybrid method. *International Journal of Ad Hoc and Ubiquitous Computing*, 2019. 30(4): p. 224-234. 计算机科学
- 383、Gu, B., et al., Efficient inexact proximal gradient algorithms for structured sparsity-inducing norm. *Neural Networks*, 2019. 118: p. 352-362. 计算机科学
- 384、Li, F., et al., Double-authentication-preventing signatures revisited: new definition and construction from chameleon hash. *Frontiers of Information Technology & Electronic Engineering*, 2019. 20(2): p. 176-186. 计算机科学
- 385、Tang, J., F.Y. Meng, and Q. Zhang, Characterizations of a Shapley value for multichoice games. *International Journal of General Systems*, 2019. 48(2): p. 186-209. 计算机科学
- 386、Yu, X.B., X.R. Yu, and H. Chen, An improved gravitational search algorithm for global optimization. *Journal of Intelligent & Fuzzy Systems*, 2019. 37(4): p. 5039-5047. 计算机科学
- 387、Wang, T.T., W.D. Hua, and W. Ke, A two-step sequential method for device-free localization using wireless sensor networks. *International Journal of Distributed Sensor Networks*, 2019. 15(3): p. 14. 计算机科学
- 388、Xie, Y.H., X.Y. Kou, and P. Li, A simulation method of three-dimensional cloud over WRF big data. *Eurasip Journal on Wireless Communications and Networking*, 2019. 2019(1): p. 10. 计算机科学
- 389、Ren, Y.J., et al., A hierarchical clustering based method to evaluate reuse of rare earth tailings under cloud computing environment. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22: p. 1805-1814. 计算机科学
- 390、Ding, Z.X., A general Cyber-Physical framework for academic library. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22: p. S10109-S10117. 计算机科学
- 391、Yang, H.J., et al., A Privacy-Protecting and Resource-Saving Scheme for Data Sharing in Smart Home. *Journal of Internet Technology*, 2019. 20(2): p. 607-615. 计算机科学
- 392、Cai, M., et al., A Novel Comparative Linguistic Distance Measure Based on Hesitant Fuzzy Linguistic Term Sets and Its Application in Group Decision-Making. *International Journal of Computational Intelligence Systems*, 2019. 12(1): p. 227-237. 计算机科学
- 393、Xu, M. and J. Li, 3D PEE mapping based reversible data hiding for color images. *Multimedia Tools and Applications*, 2019. 78(7): p. 8003-8016. 计算机科学
- 394、Chen, J.B., et al., WSN-aided haze pollution governance: modelling public willingness based on structural equations. *International Journal of Sensor Networks*, 2019. 29(2): p. 111-120. 计算机科学
- 395、Xu, Z.Y., et al., Uncertainty-aware workflow migration among edge nodes based on blockchain. *Eurasip Journal on Wireless Communications and Networking*, 2019. 2019(1): p. 12. 计算机科学
- 396、Chen, X.Z., et al., Target-Adapted Subspace Learning for Cross-Corpus Speech Emotion

- Recognition. *IEEE Transactions on Information and Systems*, 2019. E102D(12): p. 2632-2636. 计算机科学
- 397、Wang, Y.L., et al., Rational adversary with flexible utility in secure two-party computation. *Journal of Ambient Intelligence and Humanized Computing*, 2019. 10(8): p. 2913-2927. 计算机科学
- 398、Liu, W.A., et al., Multi-scale residual network for energy disaggregation. *International Journal of Sensor Networks*, 2019. 30(3): p. 172-183. 计算机科学
- 399、Miao, T.T., et al., Fine-grained and Efficient Access Control in E-health Environment. *Journal of Internet Technology*, 2019. 20(7): p. 2169-2176. 计算机科学
- 400、Wang, J.W., T. Li, and F.Y. Shih, Discrimination of Computer Generated and Photographic Images Based on CQWT Quaternion Markov Features. *International Journal of Pattern Recognition and Artificial Intelligence*, 2019. 33(2): p. 13. 计算机科学
- 401、Wang, J.W., et al., Color image-spliced localization based on quaternion principal component analysis and quaternion skewness. *Journal of Information Security and Applications*, 2019. 47: p. 353-362. 计算机科学
- 402、Liao, F.Q., J.F. Wang, and J. Shen, BCDP: A Blockchain-based Credible Data Publishing System. *Journal of Internet Technology*, 2019. 20(2): p. 323-331. 计算机科学
- 403、Chen, Y.D., et al., Appearance-consistent Video Object Segmentation Based on a Multinomial Event Model. *Acm Transactions on Multimedia Computing Communications and Applications*, 2019. 15(2): p. 15. 计算机科学
- 404、Wang, L., et al., Ab Initio Molecular-Dynamics Simulation Liquid and Amorphous Al_{94-x}Ni₆Lax (x=3-9) Alloys. *Cmc-Computers Materials & Continua*, 2019. 60(2): p. 757-765. 计算机科学
- 405、Zhu, H.Z., et al., WolfPath: Accelerating Iterative Traversing-Based Graph Processing Algorithms on GPU. *International Journal of Parallel Programming*, 2019. 47(4): p. 644-667. 计算机科学
- 406、Huang, Y.G., et al., The Topology Sampling of H₂SO₄ center dot NH₃ with Meta-Dynamics Method. *Cmc-Computers Materials & Continua*, 2019. 61(2): p. 701-710. 计算机科学
- 407、Han, Z.Y., et al., The Algorithm of Chemical Species Analysis for Ab Initio Molecular Dynamics Simulations and Its Application. *Cmc-Computers Materials & Continua*, 2019. 59(3): p. 995-1003. 计算机科学
- 408、Kan, X., et al., Spatial-temporal variability of PM_{2.5} concentration in Xuzhou based on satellite remote sensing and meteorological data. *International Journal of Sensor Networks*, 2019. 29(3): p. 181-191. 计算机科学
- 409、Zhang, Z.Y., et al., Siamese network for real-time tracking with action-selection. *Journal of Real-Time Image Processing*, 2020. 17(5): p. 1647-1657. 计算机科学
- 410、Li, M.Y., et al., Representing and aggregating linguistic information based on semantic three-tuple. *Computers & Industrial Engineering*, 2019. 132: p. 114-123. 计算机科学
- 411、Tian, F., et al., Low-complexity carrier phase recovery algorithm for M-ary QAM based on phase search acceleration by minimum first-order distance. *Aeu-International Journal of Electronics and Communications*, 2019. 110: p. 8. 计算机科学
- 412、Li, C.L., J.H. Tang, and Y.L. Luo, Load Balance Based Job Scheduling in Geo-Distributed Clouds. *Wireless Personal Communications*, 2019. 107(1): p. 169-192. 计算机科学
- 413、Shen, J., C. Wang, and A.X. Wang, Intelligent agent-based region division scheme for mobile

- sensor networks. *Soft Computing*, 2019. 23(13): p. 4903-4910. 计算机科学
- 414、Shi, M.D., R. Niu, and Y.H. Zheng, Gaussian Mixture Model Based Image Denoising with Adaptive Regularization Parameters. *Journal of Internet Technology*, 2019. 20(1): p. 75-82. 计算机科学
- 415、Li, C.L. and J.P. Bai, Automatic content extraction and time-aware topic clustering for large-scale social network on cloud platform. *Journal of Supercomputing*, 2019. 75(5): p. 2890-2924. 计算机科学
- 416、Feng, J., et al., An enhanced MMSE detection with constellation distance correction for the Internet of things with multiple antennas. *Cluster Computing-the Journal of Networks Software Tools and Applications*, 2019. 22: p. S9407-S9414. 计算机科学
- 417、Zhu, B.Z., et al., Including intangible costs into the cost-of-illness approach: a method refinement illustrated based on the PM2.5 economic burden in China. *European Journal of Health Economics*, 2019. 20(4): p. 501-511. 经济学与商学
- 418、Zhu, B.Z., et al., A multiscale analysis for carbon price drivers. *Energy Economics*, 2019. 78: p. 202-216. 经济学与商学
- 419、Meng, F.Y., et al., Decision making with intuitionistic linguistic preference relations. *International Transactions in Operational Research*, 2019. 26(5): p. 2004-2031. 经济学与商学
- 420、Liu, N.N., Y. He, and Z.S. Xu, EVALUATE PUBLIC-PRIVATE-PARTNERSHIP'S ADVANCEMENT USING DOUBLE HIERARCHY HESITANT FUZZY LINGUISTIC PROMETHEE WITH SUBJECTIVE AND OBJECTIVE INFORMATION FROM STAKEHOLDER PERSPECTIVE. *Technological and Economic Development of Economy*, 2019. 25(3): p. 386-420. 经济学与商学
- 421、Yu, D.J., Z.S. Xu, and J. Saparuskas, THE EVOLUTION OF "TECHNOLOGICAL AND ECONOMIC DEVELOPMENT OF ECONOMY": A BIBLIOMETRIC ANALYSIS. *Technological and Economic Development of Economy*, 2019. 25(3): p. 369-385. 经济学与商学
- 422、Chu, X.J., Z.R. Gu, and H.G. Zhou, Intraday momentum and reversal in Chinese stock market. *Finance Research Letters*, 2019. 30: p. 83-88. 经济学与商学
- 423、Ullah, I., et al., Modeling customer satisfaction in online hotel booking. *Journal of Retailing and Consumer Services*, 2019. 48: p. 100-104. 经济学与商学
- 424、Meng, F.Y., J. Tang, and S.L. Zhang, INTERVAL LINGUISTIC FUZZY DECISION MAKING IN PERSPECTIVE OF PREFERENCE RELATIONS. *Technological and Economic Development of Economy*, 2019. 25(5): p. 998-1015. 经济学与商学
- 425、Tang, J., et al., Group Decision Making with Interval-Valued Intuitionistic Multiplicative Linguistic Preference Relations. *Group Decision and Negotiation*, 2020. 29(1): p. 169-206. 经济学与商学
- 426、Chen, Z.F., K.X. Li, and L.Y. He, Has Internet Finance Decreased the Profitability of Commercial Banks?: Evidence from China. *Emerging Markets Finance and Trade*, 2020. 56(13): p. 3015-3032. 经济学与商学
- 427、He, L.Y. and X. Lin, Trade Imbalance, Heterogeneous Firms and Pollution Emissions: Evidence from China's Manufacturing Sector. *Emerging Markets Finance and Trade*, 2021. 57(4): p. 1008-1033. 经济学与商学
- 428、Wang, H.Y. and B. Sun, Firm heterogeneity and innovation diffusion performance: absorptive capacities. *Management Decision*, 2019. 58(4): p. 725-742. 经济学与商学
- 429、Lu, K. and X.W. Lin, TECHNOLOGICAL INPUT DIFFERENTIATION IN RIDE-HAILING PLATFORM. *International Journal of Transport Economics*, 2019. 46(1-2): p. 47-69. 经济学与商学

- 430、Chu, X.J. and J.Y. Qiu, Forecasting Volatility with Price Limit Hits-Evidence from Chinese Stock Market. *Emerging Markets Finance and Trade*, 2019. 55(5): p. 1034-1050. 经济学与商学
- 431、Liu, K.L., et al., A brief review on key technologies in the battery management system of electric vehicles. *Frontiers of Mechanical Engineering*, 2019. 14(1): p. 47-64. 工程学
- 432、Pan, Z.Q., et al., Recent Progress on Generative Adversarial Networks (GANs): A Survey. *Ieee Access*, 2019. 7: p. 36322-36333. 工程学
- 433、Liao, H.C., X.M. Mi, and Z.S. Xu, A survey of decision-making methods with probabilistic linguistic information: bibliometrics, preliminaries, methodologies, applications and future directions. *Fuzzy Optimization and Decision Making*, 2020. 19(1): p. 81-134. 工程学
- 434、Liu, X.F., et al., Measuring the maturity of carbon market in China: An entropy-based TOPSIS approach. *Journal of Cleaner Production*, 2019. 229: p. 94-103. 工程学
- 435、Cai, S.J., et al., Determinants of intention and behavior of low carbon commuting through bicycle-sharing in China. *Journal of Cleaner Production*, 2019. 212: p. 602-609. 工程学
- 436、Kim, J., et al., Proton conducting oxides: A review of materials and applications for renewable energy conversion and storage. *Renewable & Sustainable Energy Reviews*, 2019. 109: p. 606-618. 工程学
- 437、Elahi, E., et al., Use of artificial neural networks to rescue agrochemical-based health hazards: A resource optimisation method for cleaner crop production. *Journal of Cleaner Production*, 2019. 238: p. 12. 工程学
- 438、Zhang, Z.M., et al., Impacts of nickel loading on properties, catalytic behaviors of Ni/gamma-Al₂O₃ catalysts and the reaction intermediates formed in methanation of CO₂. *International Journal of Hydrogen Energy*, 2019. 44(18): p. 9291-9306. 工程学
- 439、Qiu, H., et al., Fabrication of agricultural waste supported UiO-66 nanoparticles with high utilization in phosphate removal from water. *Chemical Engineering Journal*, 2019. 360: p. 621-630. 工程学
- 440、Xu, D.F., et al., Effect of pyrolysis temperature on characteristics of biochars derived from different feedstocks: A case study on ammonium adsorption capacity. *Waste Management*, 2019. 87: p. 652-660. 工程学
- 441、Zhu, B.Z., et al., Achieving the carbon intensity target of China: A least squares support vector machine with mixture kernel function approach. *Applied Energy*, 2019. 233: p. 196-207. 工程学
- 442、Kundzewicz, Z.W., et al., Flood risk and its reduction in China. *Advances in Water Resources*, 2019. 130: p. 37-45. 工程学
- 443、Elahi, E., et al., Estimation of realistic renewable and non-renewable energy use targets for livestock production systems utilising an artificial neural network method: A step towards livestock sustainability. *Energy*, 2019. 183: p. 191-204. 工程学
- 444、Wang, B.W., et al., Air Quality Forecasting Based on Gated Recurrent Long Short Term Memory Model in Internet of Things. *Ieee Access*, 2019. 7: p. 69524-69534. 工程学
- 445、Sun, C.W., et al., How do fossil energy prices affect the stock prices of new energy companies? Evidence from Divisia energy price index in China's market. *Energy*, 2019. 169: p. 637-645. 工程学
- 446、Yan, K., et al., Fast and Accurate Classification of Time Series Data Using Extended ELM: Application in Fault Diagnosis of Air Handling Units. *Ieee Transactions on Systems Man Cybernetics-Systems*, 2019. 49(7): p. 1349-1356. 工程学

- 447、Liu, Q., et al., Low-Complexity Non-Intrusive Load Monitoring Using Unsupervised Learning and Generalized Appliance Models. *Ieee Transactions on Consumer Electronics*, 2019. 65(1): p. 28-37. 工程学
- 448、Wang, K., J. He, and L. Zhang, Attention-Based Convolutional Neural Network for Weakly Labeled Human Activities' Recognition With Wearable Sensors. *Ieee Sensors Journal*, 2019. 19(17): p. 7598-7604. 工程学
- 449、Wu, P., et al., Additive Consistency of Hesitant Fuzzy Linguistic Preference Relation With a New Expansion Principle for Hesitant Fuzzy Linguistic Term Sets. *Ieee Transactions on Fuzzy Systems*, 2019. 27(4): p. 716-730. 工程学
- 450、Xia, M., et al., Non-intrusive load disaggregation based on deep dilated residual network. *Electric Power Systems Research*, 2019. 170: p. 277-285. 工程学
- 451、Jiang, H., et al., A 3-D Non-Stationary Wideband Geometry-Based Channel Model for MIMO Vehicle-to-Vehicle Communications in Tunnel Environments. *Ieee Transactions on Vehicular Technology*, 2019. 68(7): p. 6257-6271. 工程学
- 452、Yuan, R., S.L. Yu, and Y.F. Shen, Pyrolysis and combustion kinetics of lignocellulosic biomass pellets with calcium-rich wastes from agro-forestry residues. *Waste Management*, 2019. 87: p. 86-96. 工程学
- 453、Zhang, Y.N., J. Tang, and F.Y. Meng, Programming model-based method for ranking objects from group decision making with interval-valued hesitant fuzzy preference relations. *Applied Intelligence*, 2019. 49(3): p. 837-857. 工程学
- 454、Yang, D.X., et al., The government regulation and market behavior of the new energy automotive industry. *Journal of Cleaner Production*, 2019. 210: p. 1281-1288. 工程学
- 455、Shan, H.Y. and J.L. Yang, Sustainability of photovoltaic poverty alleviation in China: An evolutionary game between stakeholders. *Energy*, 2019. 181: p. 264-280. 工程学
- 456、Zhang, L.J., et al., CO₂ reforming with methane reaction over Ni@SiO₂ catalysts coupled by size effect and metal-support interaction. *Fuel*, 2019. 256: p. 10. 工程学
- 457、Shen, D.Y., et al., The impact of public appeals on the performance of environmental governance in China: A perspective of provincial panel data. *Journal of Cleaner Production*, 2019. 231: p. 290-296. 工程学
- 458、Chen, Y., et al., Uncertainty in simulation of land-use change impacts on catchment runoff with multi-timescales based on the comparison of the HSPF and SWAT models. *Journal of Hydrology*, 2019. 573: p. 486-500. 工程学
- 459、Li, C.S., et al., Joint Active Learning with Feature Selection via CUR Matrix Decomposition. *Ieee Transactions on Pattern Analysis and Machine Intelligence*, 2019. 41(6): p. 1382-1396. 工程学
- 460、Hu, Y.Y., et al., Grid-Array Rectenna With Wide Angle Coverage for Effectively Harvesting RF Energy of Low Power Density. *Ieee Transactions on Microwave Theory and Techniques*, 2019. 67(1): p. 402-413. 工程学
- 461、Wang, J.W., et al., Identifying Computer Generated Images Based on Quaternion Central Moments in Color Quaternion Wavelet Domain. *Ieee Transactions on Circuits and Systems for Video Technology*, 2019. 29(9): p. 2775-2785. 工程学
- 462、Hu, M.C., et al., Flood mitigation performance of low impact development technologies under different storms for retrofitting an urbanized area. *Journal of Cleaner Production*, 2019. 222: p. 373-380. 工程学

- 463、Xiao, P., et al., Approach for Multi-Attribute Decision Making Based on Gini Aggregation Operator and Its Application to Carbon Supplier Selection. *Ieee Access*, 2019. 7: p. 164152-164163. 工程学
- 464、Ren, Y.J., et al., Identity Management and Access Control Based on Blockchain under Edge Computing for the Industrial Internet of Things. *Applied Sciences-Basel*, 2019. 9(10): p. 16. 工程学
- 465、Li, C.B., et al., Conditional symmetry: bond for attractor growing. *Nonlinear Dynamics*, 2019. 95(2): p. 1245-1256. 工程学
- 466、Liu, G.C., et al., Robust Subspace Clustering With Compressed Data. *Ieee Transactions on Image Processing*, 2019. 28(10): p. 5161-5170. 工程学
- 467、Shu, X.Q., et al., Integrations of q-Rung Orthopair Fuzzy Continuous Information. *Ieee Transactions on Fuzzy Systems*, 2019. 27(10): p. 1974-1985. 工程学
- 468、Zhang, B., et al., Remotely sensed big data: evolution in model development for information extraction point of view. *Proceedings of the Ieee*, 2019. 107(12): p. 2294-2301. 工程学
- 469、Zhu, Y., et al., Three dimensional characterization of meteorological and hydrological droughts and their probabilistic links. *Journal of Hydrology*, 2019. 578: p. 14. 工程学
- 470、Su, Q.T., et al., New Rapid and Robust Color age Watermarking Technique in Spatial Domain. *Ieee Access*, 2019. 7: p. 30398-30409. 工程学
- 471、Yu, D.J., Z.S. Xu, and H. Fujita, Bibliometric analysis on the evolution of applied intelligence. *Applied Intelligence*, 2019. 49(2): p. 449-462. 工程学
- 472、Yuan, C.S., et al., Fingerprint Liveness Detection Using an Improved CNN With Image Scale Equalization. *Ieee Access*, 2019. 7: p. 26953-26966. 工程学
- 473、Wang, Y., et al., Closed-loop supply chain models with product recovery and donation. *Journal of Cleaner Production*, 2019. 227: p. 861-876. 工程学
- 474、Sun, S.L., et al., Revisiting the evolution of the 2009-2011 meteorological drought over Southwest China. *Journal of Hydrology*, 2019. 568: p. 385-402. 工程学
- 475、Ren, X.Q., et al., Location of electric vehicle charging stations: A perspective using the grey decision-making model. *Energy*, 2019. 173: p. 548-553. 工程学
- 476、Li, R., et al., The spatiotemporal variation and key factors of SO₂ in 336 cities across China. *Journal of Cleaner Production*, 2019. 210: p. 602-611. 工程学
- 477、Liu, M., et al., Integrated planning for public health emergencies: A modified model for controlling H1N1 pandemic. *Journal of the Operational Research Society*, 2020. 71(5): p. 748-761. 工程学
- 478、Wan, F.Y., et al., Time-Domain Experimentation of NGD ActiveRC-Network Cell. *Ieee Transactions on Circuits and Systems II-Express Briefs*, 2019. 66(4): p. 562-566. 工程学
- 479、Rajagopal, K., et al., Chaotic Dynamics of Modified Wien Bridge Oscillator with Fractional Order Memristor. *Radioengineering*, 2019. 28(1): p. 165-174. 工程学
- 480、Zhu, L., et al., Emergency relief routing models for injured victims considering equity and priority. *Annals of Operations Research*, 2019. 283(1-2): p. 1573-1606. 工程学
- 481、Jin, C., H. Wang, and Z.S. Xu, Uncertain Probabilistic Linguistic Term Sets in Group Decision Making. *International Journal of Fuzzy Systems*, 2019. 21(4): p. 1241-1258. 工程学
- 482、Qu, Z.G., et al., Quantum Image Steganography Protocol Based on Quantum Image Expansion and Grover Search Algorithm. *Ieee Access*, 2019. 7: p. 50849-50857. 工程学
- 483、Yin, Q.L., et al., Quaternion Convolutional Neural Network for Color Image Classification and

- Forensics. *Ieee Access*, 2019. 7: p. 20293-20301. 工程学
- 484、Wu, X.H., et al., Isolating Bandpass Filters Using Time-Modulated Resonators. *Ieee Transactions on Microwave Theory and Techniques*, 2019. 67(6): p. 2331-2345. 工程学
- 485、Meng, F.Y., J. Tang, and H. Fujita, Consistency-Based Algorithms for Decision-Making With Interval Fuzzy Preference Relations. *Ieee Transactions on Fuzzy Systems*, 2019. 27(10): p. 2052-2066. 工程学
- 486、Hua, H., et al., A high spatial-temporal resolution emission inventory of multi-type air pollutants for Wuxi city. *Journal of Cleaner Production*, 2019. 229: p. 278-288. 工程学
- 487、Wang, Y.Q., et al., Reliable mixed H-infinity and passive control for networked control systems under adaptive event-triggered scheme with actuator faults and randomly occurring nonlinear perturbations. *Ieee Transactions*, 2019. 89: p. 45-57. 工程学
- 488、Zeng, L., et al., A Highly Stretchable, Tough, Fast Self-Healing Hydrogel Based on Peptide-Metal Ion Coordination. *Biomimetics*, 2019. 4(2): p. 13. 工程学
- 489、Sheng, J.C., W.H. Zhou, and S.F. Zhang, The role of the intensity of environmental regulation and corruption in the employment of manufacturing enterprises: Evidence from China. *Journal of Cleaner Production*, 2019. 219: p. 244-257. 工程学
- 490、Khan, H.U.R., et al., Pro-poor growth and sustainable development framework: Evidence from two step GMM estimator. *Journal of Cleaner Production*, 2019. 206: p. 767-784. 工程学
- 491、Jiang, K., et al., Optimal control for transboundary pollution under ecological compensation: A stochastic differential game approach. *Journal of Cleaner Production*, 2019. 241: p. 17. 工程学
- 492、Ma, T.H., et al., Natural disaster topic extraction in Sina microblogging based on graph analysis. *Expert Systems with Applications*, 2019. 115: p. 346-355. 工程学
- 493、Xu, X.L., et al., Multiobjective computation offloading for workflow management in cloudlet-based mobile cloud using NSGA-II. *Computational Intelligence*, 2019. 35(3): p. 476-495. 工程学
- 494、Caralis, G., et al., Analysis of energy storage systems to exploit wind energy curtailment in Crete. *Renewable & Sustainable Energy Reviews*, 2019. 103: p. 122-139. 工程学
- 495、Xu, X.L., et al., A Computation Offloading Method for Edge Computing With Vehicle-to-Everything. *Ieee Access*, 2019. 7: p. 131068-131077. 工程学
- 496、Zhang, Y., et al., Unsupervised Nonnegative Adaptive Feature Extraction for Data Representation. *Ieee Transactions on Knowledge and Data Engineering*, 2019. 31(12): p. 2423-2440. 工程学
- 497、Pan, Z.R., et al., Flower-like MOF-derived Co-N-doped carbon composite with remarkable activity and durability for electrochemical hydrogen evolution reaction. *International Journal of Hydrogen Energy*, 2019. 44(57): p. 30075-30083. 工程学
- 498、Tang, J. and F.Y. Meng, Decision making with multiplicative hesitant fuzzy linguistic preference relations. *Neural Computing & Applications*, 2019. 31(7): p. 2749-2761. 工程学
- 499、Li, Y.J., Z.Y. Lu, and L.S. Yang, CPW-Fed Slot Antenna for Medical Wearable Applications. *Ieee Access*, 2019. 7: p. 42107-42112. 工程学
- 500、Xu, X.L., et al., A Heuristic Offloading Method for Deep Learning Edge Services in 5G Networks. *Ieee Access*, 2019. 7: p. 67734-67744. 工程学
- 501、He, J., et al., Weakly Supervised Human Activity Recognition From Wearable Sensors by Recurrent Attention Learning. *Ieee Sensors Journal*, 2019. 19(6): p. 2287-2297. 工程学

- 502、Wu, T., et al., The minimum cost consensus model considering the implicit trust of opinions similarities in social network group decision-making. *International Journal of Intelligent Systems*, 2020. 35(3): p. 470-493. 工程学
- 503、Liu, B.B., et al., Is straw return-to-field always beneficial? Evidence from an integrated cost-benefit analysis. *Energy*, 2019. 171: p. 393-402. 工程学
- 504、Sha, X.Y., Z.S. Xu, and C.C. Yin, Elliptical distribution-based weight-determining method for ordered weighted averaging operators. *International Journal of Intelligent Systems*, 2019. 34(5): p. 858-877. 工程学
- 505、Li, Y., Z. Li, and L. Chen, Dynamic State Estimation of Generators Under Cyber Attacks. *Ieee Access*, 2019. 7: p. 125253-125267. 工程学
- 506、Qu, Z.G., Z.W. Cheng, and X.J. Wang, Matrix Coding-Based Quantum Image Steganography Algorithm. *Ieee Access*, 2019. 7: p. 35684-35698. 工程学
- 507、Pu, S.S., et al., How much will the Chinese public pay for air pollution mitigation? A nationwide empirical study based on a willingness-to-pay scenario and air purifier costs. *Journal of Cleaner Production*, 2019. 218: p. 51-60. 工程学
- 508、Fang, W., et al., Gesture Recognition Based on CNN and DCGAN for Calculation and Text Output. *Ieee Access*, 2019. 7: p. 28230-28237. 工程学
- 509、Fu, Z.J., et al., Secure Multi-UAV Collaborative Task Allocation. *Ieee Access*, 2019. 7: p. 35579-35587. 工程学
- 510、Zhou, Z.L., et al., Faster-RCNN Based Robust Coverless Information Hiding System in Cloud Environment. *Ieee Access*, 2019. 7: p. 179891-179897. 工程学
- 511、Sheng, V.S., et al., Majority Voting and Pairing with Multiple Noisy Labeling. *Ieee Transactions on Knowledge and Data Engineering*, 2019. 31(7): p. 1355-1368. 工程学
- 512、Liu, Z.L., et al., First insight on Mo(II) as electrocatalytically active species for oxygen evolution reaction. *International Journal of Hydrogen Energy*, 2019. 44(3): p. 1345-1351. 工程学
- 513、Li, C.S., et al., Dynamic Structure Embedded Online Multiple-Output Regression for Streaming Data. *Ieee Transactions on Pattern Analysis and Machine Intelligence*, 2019. 41(2): p. 323-336. 工程学
- 514、Liu, W.J., et al., A Unitary Weights Based One-Iteration Quantum Perceptron Algorithm for Non-Ideal Training Sets. *Ieee Access*, 2019. 7: p. 36854-36865. 工程学
- 515、Wu, P., et al., A consensus model for group decision making under trapezoidal fuzzy numbers environment. *Neural Computing & Applications*, 2019. 31(2): p. 377-394. 工程学
- 516、Lu, S., et al., Trash to treasure: A novel chemical route to synthesis of NiO/C for hydrogen production. *International Journal of Hydrogen Energy*, 2019. 44(31): p. 16144-16153. 工程学
- 517、Ma, P., Y.M. Gong, and M.Z. Jin, Quality efforts in medical supply chains considering patient benefits. *European Journal of Operational Research*, 2019. 279(3): p. 795-807. 工程学
- 518、Li, J.L.Y., et al., Post-Disaster Unmanned Aerial Vehicle Base Station Deployment Method Based on Artificial Bee Colony Algorithm. *Ieee Access*, 2019. 7: p. 168327-168336. 工程学
- 519、Zhang, K.H., et al., Parallel Attentive Correlation Tracking. *Ieee Transactions on Image Processing*, 2019. 28(1): p. 479-491. 工程学
- 520、Zhang, L., et al., Data mining new energy materials from structure databases. *Renewable & Sustainable Energy Reviews*, 2019. 107: p. 554-567. 工程学
- 521、Cai, J., Z.Y. Liu, and Y. Zeng, Aligned Position Estimation Based Fault-Tolerant Sensorless

Control Strategy for SRM Drives. *Ieee Transactions on Power Electronics*, 2019. 34(8): p. 7754-7762. 工程学

522、Fu, Z.J., et al., Pollution Source Localization Based on Multi-UAV Cooperative Communication. *Ieee Access*, 2019. 7: p. 29304-29312. 工程学

523、Xiao, P., et al., Novel Hesitant Fuzzy Linguistic Multi-Attribute Group Decision Making Method Based on Improved Supplementary Regulation and Operational Laws. *Ieee Access*, 2019. 7: p. 32922-32940. 工程学

524、Zhang, H.M., et al., Multi-dimensional poverty measurement for photovoltaic poverty alleviation areas: Evidence from pilot counties in China. *Journal of Cleaner Production*, 2019. 241: p. 9. 工程学

525、Xue, Y., T. Tang, and A.X. Liu, Large-Scale Feedforward Neural Network Optimization by a Self-Adaptive Strategy and Parameter Based Particle Swarm Optimization. *Ieee Access*, 2019. 7: p. 52473-52483. 工程学

526、Tang, J., et al., Group decision making with interval linguistic hesitant fuzzy preference relations. *Expert Systems with Applications*, 2019. 119: p. 231-246. 工程学

527、Li, B., et al., Dynamic Offloading for Energy Harvesting Mobile Edge Computing: Architecture, Case Studies, and Future Directions. *Ieee Access*, 2019. 7: p. 79877-79886. 工程学

528、Tang, J., et al., A procedure for group decision making with interval-valued intuitionistic linguistic fuzzy preference relations. *Fuzzy Optimization and Decision Making*, 2019. 18(4): p. 493-527. 工程学

529、Wu, Y.F., et al., A Transverse Load Sensor With Ultra-Sensitivity Employing Vernier-Effect Improved Parallel-Structured Fiber-Optic Fabry-Perot Interferometer. *Ieee Access*, 2019. 7: p. 120297-120303. 工程学

530、Song, C.Y., Z.S. Xu, and H. Zhao, New Correlation Coefficients Between Probabilistic Hesitant Fuzzy Sets and Their Applications in Cluster Analysis. *International Journal of Fuzzy Systems*, 2019. 21(2): p. 355-368. 工程学

531、Liu, J.P., et al., Group decision making with interval fuzzy preference relations based on DEA and stochastic simulation. *Neural Computing & Applications*, 2019. 31(7): p. 3095-3106. 工程学

532、Sun, D.Q., et al., Gap Waveguide With Interdigital-Pin Bed of Nails for High-Frequency Applications. *Ieee Transactions on Microwave Theory and Techniques*, 2019. 67(7): p. 2640-2648. 工程学

533、Wan, F.Y., et al., Design of Multi-Scale Negative Group Delay Circuit for Sensors Signal Time-Delay Cancellation. *Ieee Sensors Journal*, 2019. 19(19): p. 8951-8962. 工程学

534、Li, C.R., Y.Y. Huang, and Y. Xue, Dependence structure of Gabor wavelets based on copula for face recognition. *Expert Systems with Applications*, 2019. 137: p. 453-470. 工程学

535、Tao, Z.L., G.H. Chen, and Y.H. Chen, Variational iteration method with matrix Lagrange multiplier for nonlinear oscillators. *Journal of Low Frequency Noise Vibration and Active Control*, 2019. 38(3-4): p. 984-991. 工程学

536、Zhang, Z.C., Uncertainty principle for linear canonical transform using matrix decomposition of absolute spread matrix. *Digital Signal Processing*, 2019. 89: p. 145-154. 工程学

537、Dai, J., et al., The health risk-benefit feasibility of nuclear power development. *Journal of Cleaner Production*, 2019. 224: p. 198-206. 工程学

538、Yue, J.P., et al., Synergistic effects of multiple heterojunctions significantly enhance the photocatalytic H₂ evolution rate CdS/La₂Ti₂O₇/NiS₂ ternary composites. *International Journal*

- of Hydrogen Energy, 2019. 44(36): p. 19603-19613. 工程学
- 539、Gong, Z.W., X. Tan, and Y.J. Yang, Optimal weighting models based on linear uncertain constraints in intuitionistic fuzzy preference relations. Journal of the Operational Research Society, 2019. 70(8): p. 1296-1307. 工程学
- 540、Zhang, Z.C., Linear Canonical Wigner Distribution Based Noisy LFM Signals Detection Through the Output SNR Improvement Analysis. Ieee Transactions on Signal Processing, 2019. 67(21): p. 5527-5542. 工程学
- 541、Jiang, X., et al., Ka-Band 8 x 8 Low-Sidelobe Slot Antenna Array Using a 1-to-64 High-Efficiency Network Designed by New Printed RGW Technology. Ieee Antennas and Wireless Propagation Letters, 2019. 18(6): p. 1248-1252. 工程学
- 542、Li, H.B., et al., Authorized Equality Test on Identity-Based Ciphertexts for Secret Data Sharing via Cloud Storage. Ieee Access, 2019. 7: p. 25409-25421. 工程学
- 543、Xiao, C. and G.Y. Wen, An Optimization Method for the Synthesis of Flat-Top Radiation Patterns in the Near- and Far-Field Regions. Ieee Transactions on Antennas and Propagation, 2019. 67(2): p. 980-987. 工程学
- 544、Zhao, C., C.F. Wang, and S. Aditya, Power-Dependent Frequency-Selective Surface: Concept, Design, and Experiment. Ieee Transactions on Antennas and Propagation, 2019. 67(5): p. 3215-3220. 工程学
- 545、Xia, M., et al., Dilated residual attention network for load disaggregation. Neural Computing & Applications, 2019. 31(12): p. 8931-8953. 工程学
- 546、Ma, Q., et al., Supervised learning based discrete hashing for image retrieval. Pattern Recognition, 2019. 92: p. 156-164. 工程学
- 547、Hu, Y.Z., et al., Performance Enhancement Methods for the Distributed Acoustic Sensors Based on Frequency Division Multiplexing. Electronics, 2019. 8(6): p. 22. 工程学
- 548、Fu, L., et al., Modification of carbon felt anode with graphene/Fe₂O₃ composite for enhancing the performance of microbial fuel cell. Bioprocess and Biosystems Engineering, 2020. 43(3): p. 373-381. 工程学
- 549、Liu, T.Y., et al., Measurement-Based Characterization and Modeling for Low-Altitude UAV Air-to-Air Channels. Ieee Access, 2019. 7: p. 98832-98840. 工程学
- 550、Liu, Z.L., et al., Highly Uniform MnCo₂O₄ Hollow Spheres-Based All-Solid-State Asymmetric Micro-Supercapacitor via a Simple Metal-Glycerate Precursor Approach. Energy Technology, 2019. 7(9): p. 6. 工程学
- 551、Zhang, Z.C., The Optimal Linear Canonical Wigner Distribution of Noisy Linear Frequency-Modulated Signals. Ieee Signal Processing Letters, 2019. 26(8): p. 1127-1131. 工程学
- 552、Ye, J.M., Z.H. Ai, and Z.S. Xu, Single variable differential calculus under q-rung orthopair fuzzy environment: Limit, derivative, chain rules, and its application. International Journal of Intelligent Systems, 2019. 34(7): p. 1387-1415. 工程学
- 553、Xu, J., H. Wan, and Z.Y. Chen, Sharp Skirt Bandpass Filter-Integrated Single-Pole Double-Throw Switch With Absorptive OFF-State. Ieee Transactions on Microwave Theory and Techniques, 2019. 67(2): p. 704-711. 工程学
- 554、Song, C.Y., et al., Interval-valued probabilistic hesitant fuzzy set and its application in the Arctic geopolitical risk evaluation. International Journal of Intelligent Systems, 2019. 34(4): p. 627-651. 工程学

- 555、Sun, H.C. and Z.Q. Pan, Design of a Quad-Polarization-Agile Antenna Using a Switchable Impedance Converter. *Ieee Antennas and Wireless Propagation Letters*, 2019. 18(2): p. 269-273. 工程学
- 556、Guo, H.D. and G.Y. Wen, Design of Bidirectional Antenna Array With Adjustable Endfire Gains. *Ieee Antennas and Wireless Propagation Letters*, 2019. 18(8): p. 1656-1660. 工程学
- 557、Memon, K.A., et al., Demand Forecasting DBA Algorithm for Reducing Packet Delay with Efficient Bandwidth Allocation in XG-PON. *Electronics*, 2019. 8(2): p. 13. 工程学
- 558、Jin, Z.L., et al., Channel Status Learning for Cooperative Spectrum Sensing in Energy-Restricted Cognitive Radio Networks. *Ieee Access*, 2019. 7: p. 64946-64954. 工程学
- 559、Wan, F.Y., et al., Canonical transfer function of band-pass NGD circuit. *Iet Circuits Devices & Systems*, 2019. 13(2): p. 125-130. 工程学
- 560、Yang, B., et al., Synergetic removal of elemental mercury and NO over $\text{TiCe}_{0.25}\text{Sn}_{0.25}\text{O}_x$ catalysts from flue gas: Performance and mechanism study. *Chemical Engineering Journal*, 2019. 360: p. 990-1002. 工程学
- 561、Wang, K.W., et al., Pan coefficient sensitivity to environment variables across China. *Journal of Hydrology*, 2019. 572: p. 582-591. 工程学
- 562、Suyesh, B., et al., Novel trends in modelling techniques of Pelton Turbine bucket for increased renewable energy production. *Renewable & Sustainable Energy Reviews*, 2019. 112: p. 87-101. 工程学
- 563、Zhuang, P.X., X.W. Zhu, and X.H. Ding, MRI reconstruction with an edge-preserving filtering prior. *Signal Processing*, 2019. 155: p. 346-357. 工程学
- 564、Yuan, R.P., J. Tang, and F.Y. Meng, Linguistic Intuitionistic Fuzzy Group Decision Making Based on Aggregation Operators. *International Journal of Fuzzy Systems*, 2019. 21(2): p. 407-420. 工程学
- 565、Jin, F.F., et al., Decision-making model with fuzzy preference relations based on consistency local adjustment strategy and DEA. *Neural Computing & Applications*, 2020. 32(15): p. 11607-11620. 工程学
- 566、Jiang, H., et al., A General 3D Non-Stationary Wideband Twin-Cluster Channel Model for 5G V2V Tunnel Communication Environments. *Ieee Access*, 2019. 7: p. 137744-137751. 工程学
- 567、Yang, J.W., L. Zhang, and Y.Y. Tang, Mellin polar coordinate moment and its affine invariance. *Pattern Recognition*, 2019. 85: p. 37-49. 工程学
- 568、Daly, E., et al., Linking parametric and water-balance models of the Budyko and Turc spaces. *Advances in Water Resources*, 2019. 134: p. 11. 工程学
- 569、Dong, Y.Q., Z.C. Chen, and P.Y. Fan, Timely Two-Way Data Exchanging in Unilaterally Powered Fog Computing Systems. *Ieee Access*, 2019. 7: p. 21103-21117. 工程学
- 570、Cao, G.Z., et al., Spatially resolved risk assessment of environmental incidents in China. *Journal of Cleaner Production*, 2019. 219: p. 856-864. 工程学
- 571、Zhuang, P.X., Q.S. Liu, and X.H. Ding, Pan-GGF: A probabilistic method for pan-sharpening with gradient domain guided image filtering. *Signal Processing*, 2019. 156: p. 177-190. 工程学
- 572、Shi, Y., et al., Impact of Typhoon on Evaporation Duct in the Northwest Pacific Ocean. *Ieee Access*, 2019. 7: p. 109111-109119. 工程学
- 573、Li, M., et al., Hierarchical Porous Carbon Derived from Peanut Hull for Polysulfide Confinement in Lithium-Sulfur Batteries. *Energy Technology*, 2019. 7(3): p. 6. 工程学
- 574、Chen, S., et al., Finite-time synchronization of coupled reaction-diffusion neural systems via

intermittent control. *Automatica*, 2019. 109: p. 11. 工程学

575、Zhang, L., et al., Effect of Overhead Shielding Wires on the Lightning-Induced Voltages of Multiconductor Lines Above the Lossy Ground. *Ieee Transactions on Electromagnetic Compatibility*, 2019. 61(2): p. 458-466. 工程学

576、Song, F.G., et al., A New Method of Privacy Protection: Random k-Anonymous. *Ieee Access*, 2019. 7: p. 75434-75445. 工程学

577、Zhang, B., et al., A Metallic 3-D Printed Airborne High-Power Handling Magneto-Electric Dipole Array With Cooling Channels. *Ieee Transactions on Antennas and Propagation*, 2019. 67(12): p. 7368-7378. 工程学

578、Cao, B.L., Y.R. Shi, and W.J. Feng, W-Band LTCC Circularly Polarized Antenna Array With Mixed U-Type Substrate Integrated Waveguide and Ridge Gap Waveguide Feeding Networks. *Ieee Antennas and Wireless Propagation Letters*, 2019. 18(11): p. 2399-2403. 工程学

579、Ni, J.J., et al., Simple Model on Water Retention and Permeability in Soil Mixed with Lignocellulose Fibres. *Ksce Journal of Civil Engineering*, 2019. 23(1): p. 138-146. 工程学

580、Meng, F.Y. and J. Tang, New ranking order for linguistic hesitant fuzzy sets. *Journal of the Operational Research Society*, 2019. 70(4): p. 531-540. 工程学

581、Xu, W., X.Y. Feng, and H.Y. Xing, Modeling and Analysis of Adaptive Temperature Compensation for Humidity Sensors. *Electronics*, 2019. 8(4): p. 14. 工程学

582、Yang, Z.Z., et al., Investigation of formation mechanism of particulate matter in a laboratory-scale simulated cement kiln co-processing municipal sewage sludge. *Journal of Cleaner Production*, 2019. 234: p. 822-831. 工程学

583、Yu, D.J., Z.S. Xu, and J. Antucheviciene, BIBLIOMETRIC ANALYSIS OF THE JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT BETWEEN 2008 AND 2018. *Journal of Civil Engineering and Management*, 2019. 25(5): p. 402-410. 工程学

584、Zhang, C.L., et al., An Experimental Study of the Failure Mode of ZnO Varistors Under Multiple Lightning Strokes. *Electronics*, 2019. 8(2): p. 13. 工程学

585、Xu, J., et al., W-Band Broadband Waveguide Filter Based on H-Plane Offset Coupling. *Journal of Infrared Millimeter and Terahertz Waves*, 2019. 40(4): p. 412-418. 工程学

586、Song, G.F., X.R. Mao, and T. Li, Robust quantised control of hybrid stochastic systems based on discrete-time state and mode observations. *International Journal of Control*, 2019. 92(8): p. 1836-1845. 工程学

587、Chen, B., et al., Reversible data hiding in encrypted images with additive and multiplicative public-key homomorphism. *Signal Processing*, 2019. 164: p. 48-57. 工程学

588、Wan, F.Y., et al., Negative Group Delay Theory of a Four-Port RC-Network Feedback Operational Amplifier. *Ieee Access*, 2019. 7: p. 75708-75720. 工程学

589、Xia, J., et al., An Active Defense Solution for ARP Spoofing in OpenFlow Network. *Chinese Journal of Electronics*, 2019. 28(1): p. 172-178. 工程学

590、Liu, W.J., et al., A Novel Quantum Visual Secret Sharing Scheme. *Ieee Access*, 2019. 7: p. 114374-114384. 工程学

591、Li, Y.Q., et al., Two-dimensional fractional algebraic internal solitary waves model and its solution. *Advances in Mechanical Engineering*, 2019. 11(3): p. 9. 工程学

592、Wei, Z.W. and X.H. Lee, The utility of near-surface water vapor deuterium excess as an indicator of atmospheric moisture source. *Journal of Hydrology*, 2019. 577: p. 11. 工程学

593、Wang, Y.S., E. Elahi, and L. Xu, Selective Maintenance Optimization Modelling for Multi-State

Deterioration Systems Considering Imperfect Maintenance. *Ieee Access*, 2019. 7: p. 62759-62768.

工程学

594、Hou, H.Q., et al., Observation of Near-Inertial Oscillations Induced by Energy Transformation during Typhoons. *Energies*, 2019. 12(1): p. 19. 工程学

595、He, J., et al., Long Document Classification From Local Word Glimpses via Recurrent Attention Learning. *Ieee Access*, 2019. 7: p. 40707-40718. 工程学

596、Yang, L.S., M. Xu, and C. Li, Four-element MIMO Antenna System for UWB Applications. *Radioengineering*, 2019. 28(1): p. 60-67. 工程学

597、Zhang, J.B., et al., Evaluation of the Lightning-Induced Voltages of Multiconductor Lines for Striking Cone-Shaped Mountain. *Ieee Transactions on Electromagnetic Compatibility*, 2019. 61(5): p. 1534-1542. 工程学

598、Zhang, X.B. and H.Y. Zhao, Dynamics and pattern formation of a diffusive predator-prey model in the presence of toxicity. *Nonlinear Dynamics*, 2019. 95(3): p. 2163-2179. 工程学

599、Meng, J., et al., Design of a 335 GHz Frequency Multiplier Source Based on Two Schemes. *Electronics*, 2019. 8(9): p. 11. 工程学

600、Yang, K., et al., Deeper Siamese network with multi-level feature fusion for real-time visual tracking. *Electronics Letters*, 2019. 55(13): p. 742-744. 工程学

601、Shen, J., et al., CATE: Cloud-Aided Trustworthiness Evaluation Scheme for Incompletely Predictable Vehicular Ad Hoc Networks. *Ieee Transactions on Vehicular Technology*, 2019. 68(11): p. 11213-11226. 工程学

602、Jiang, H., et al., An Improved Sarsa(λ) Reinforcement Learning Algorithm for Wireless Communication Systems. *Ieee Access*, 2019. 7: p. 115418-115427. 工程学

603、Meng, F.Y., et al., A new procedure for hesitant multiplicative preference relations. *International Journal of Intelligent Systems*, 2019. 34(5): p. 819-857. 工程学

604、Meng, R.H., et al., A Steganography Algorithm Based on CycleGAN for Covert Communication in the Internet of Things. *Ieee Access*, 2019. 7: p. 90574-90584. 工程学

605、Li, B.Q. and Z.S. Xu, Prioritized aggregation operators based on the priority degrees in multicriteria decision-making. *International Journal of Intelligent Systems*, 2019. 34(9): p. 1985-2018. 工程学

606、Ye, F., Y. Guo, and P.X. Zhuang, Pan-sharpening via a gradient-based deep network prior. *Signal Processing-Image Communication*, 2019. 74: p. 322-331. 工程学

607、Chen, X. and D.D. Ma, Mode Separation for Multimodal Ultrasonic Lamb Waves Using Dispersion Compensation and Independent Component Analysis of Forth-Order Cumulant. *Applied Sciences-Basel*, 2019. 9(3): p. 11. 工程学

608、Xu, J., et al., Miniaturised tri-band lowpass-bandpass filter using lumped-element structure. *Electronics Letters*, 2019. 55(5): p. 272-273. 工程学

609、Li, S.J., C.H. Moog, and W. Respondek, Maximal feedback linearization and its internal dynamics with applications to mechanical systems on R⁴. *International Journal of Robust and Nonlinear Control*, 2019. 29(9): p. 2639-2659. 工程学

610、Xia, G.Y., et al., Learning-Based Sphere Nonlinear Interpolation for Motion Synthesis. *Ieee Transactions on Industrial Informatics*, 2019. 15(5): p. 2927-2937. 工程学

611、Sun, L., et al., Intelligent 2-Dimensional Soft Decision Enabled by K-Means Clustering for VCSEL-Based 112-Gbps PAM-4 and PAM-8 Optical Interconnection. *Journal of Lightwave Technology*, 2019. 37(24): p. 6133-6146. 工程学

- 612、Cui, Q., et al., Image Steganography Based on Foreground Object Generation by Generative Adversarial Networks in Mobile Edge Computing With Internet of Things. *Ieee Access*, 2019. 7: p. 90815-90824. 工程学
- 613、Zhang, T., et al., Electromagnetic Performance Analysis on the Bearingless Permanent Magnet Synchronous Motor With Halbach Magnetized Rotor. *Ieee Access*, 2019. 7: p. 121265-121274. 工程学
- 614、Liu, L.L., et al., Broadband Plasmonic Circuitry Enabled by Channel Domino Spoof Plasmons. *Progress in Electromagnetics Research-Pier*, 2019. 164: p. 109-118. 工程学
- 615、Wu, P., et al., Automatic Iterative Algorithm with Local Revised Strategies to Improve the Consistency of Hesitant Fuzzy Linguistic Preference Relations. *International Journal of Fuzzy Systems*, 2019. 21(7): p. 2283-2298. 工程学
- 616、Tao, Z.L., G.H. Chen, and K.X. Bai, Approximate frequency-amplitude relationship for a singular oscillator. *Journal of Low Frequency Noise Vibration and Active Control*, 2019. 38(3-4): p. 1036-1040. 工程学
- 617、Gong, S.Q., D.F.T. Hagan, and C.J. Zhang, Analysis on Precipitable Water Vapor over the Tibetan Plateau Using FengYun-3A Medium Resolution Spectral Imager Products. *Journal of Sensors*, 2019. 2019: p. 12. 工程学
- 618、Tao, Z.L. and G.H. Chen, An effective modification of Ji-Huan He's variational approach to nonlinear singular oscillator. *Journal of Low Frequency Noise Vibration and Active Control*, 2019. 38(3-4): p. 1023-1027. 工程学
- 619、Miao, G.Y., et al., Adaptive consensus problems of heterogeneous multi-agent systems with saturations. *International Journal of Systems Science*, 2020. 51(2): p. 291-302. 工程学
- 620、Shi, Y., et al., A Comprehensive Study on Maximum Wavelength of Electromagnetic Propagation in Different Evaporation Ducts. *Ieee Access*, 2019. 7: p. 82308-82319. 工程学
- 621、Sun, W., et al., Vehicle classification approach based on the combined texture and shape features with a compressive DL. *Iet Intelligent Transport Systems*, 2019. 13(7): p. 1069-1077. 工程学
- 622、Zhou, J., et al., Study of Propagation Channel Characteristics for Underwater Acoustic Communication Environments. *Ieee Access*, 2019. 7: p. 79438-79445. 工程学
- 623、Xing, H.Y. and X. Yang, Sound Source Localization Fusion Algorithm and Performance Analysis of a Three-Plane Five-Element Microphone Array. *Applied Sciences-Basel*, 2019. 9(12): p. 17. 工程学
- 624、Zhu, X.D. and L.F. Yu, Screening Contract Excitation Models Involving Closed-Loop Supply Chains Under Asymmetric Information Games: A Case Study with New Energy Vehicle Power Battery. *Applied Sciences-Basel*, 2019. 9(1): p. 19. 工程学
- 625、Su, C. and J. Cao, Improving lazy decision tree for imbalanced classification by using skew-insensitive criteria. *Applied Intelligence*, 2019. 49(3): p. 1127-1145. 工程学
- 626、Tao, Z.L., G.H. Chen, and Y.M. Xue, Frequency and solution of an oscillator with a damping. *Journal of Low Frequency Noise Vibration and Active Control*, 2019. 38(3-4): p. 1699-1702. 工程学
- 627、Li, T., et al., Fault tolerant tracking of Mars entry vehicles via fuzzy control approach. *Fuzzy Sets and Systems*, 2019. 371: p. 123-135. 工程学
- 628、Yu, Z.Y., et al., Dual-band three-dimensional FSS with high selectivity and small band ratio. *Electronics Letters*, 2019. 55(14): p. 798-799. 工程学

- 629、Zhuang, P.X. and X.H. Ding, Divide-and-conquer framework for image restoration and enhancement. *Engineering Applications of Artificial Intelligence*, 2019. 85: p. 830-844. 工程学
- 630、Zhao, C. and G.Y. Wen, Design of a dual band dual mode antenna for on/off body communications. *Microwave and Optical Technology Letters*, 2020. 62(1): p. 514-520. 工程学
- 631、Zhang, Z.C., Convolution Theorems for Two-Dimensional LCT of Angularly Periodic Functions in Polar Coordinates. *Ieee Signal Processing Letters*, 2019. 26(8): p. 1242-1246. 工程学
- 632、Yang, D.X., et al., Analysis on one-off subsidy for renewable energy projects based on time value of money. *Journal of Renewable and Sustainable Energy*, 2019. 11(2): p. 9. 工程学
- 633、Zhou, Z.L., et al., Video Copy Detection Using Spatio-Temporal CNN Features. *Ieee Access*, 2019. 7: p. 100658-100665. 工程学
- 634、Hu, X.Y., et al., The mechanism for promoted oxygenation of V(IV) by goethite: Positive effect of surface hydroxyl groups. *Journal of Hazardous Materials*, 2019. 369: p. 254-260. 工程学
- 635、Su, Z.G., et al., Shielding Effect of Surrounding Buildings on the Lightning-Generated Vertical Electric Field at the Top of a Tall Building. *Ieee Transactions on Electromagnetic Compatibility*, 2019. 61(1): p. 174-182. 工程学
- 636、Song, C.Y., et al., Route Selection of the Arctic Northwest Passage Based on Hesitant Fuzzy Decision Field Theory. *Ieee Access*, 2019. 7: p. 19979-19989. 工程学
- 637、Zhan, T.M., et al., Robust Regression-Based Markov Random Field for Hyperspectral Image Classification. *Ieee Access*, 2019. 7: p. 11868-11881. 工程学
- 638、Guo, X.L., et al., Robust Low-rank subspace segmentation with finite mixture noise. *Pattern Recognition*, 2019. 93: p. 55-67. 工程学
- 639、Dai, R., et al., Performance enhancement of passively Q-switched Nd:YVO₄ laser using graphene-molybdenum disulphide heterojunction as a saturable absorber. *Optics and Laser Technology*, 2019. 117: p. 265-271. 工程学
- 640、Li, X.D., J.J. Cao, and Z.Q. Pan, Market impact analysis via deep learned architectures. *Neural Computing & Applications*, 2019. 31(10): p. 5989-6000. 工程学
- 641、Chen, J.L., et al., Joint Sensor Failure Detection and Corrupted Covariance Matrix Recovery in Bistatic MIMO Radar With Impaired Arrays. *Ieee Sensors Journal*, 2019. 19(14): p. 5834-5842. 工程学
- 642、Hua, X.M. and G.G. Zheng, Intensity Switchable and Wide-Angle Mid-Infrared Perfect Absorber with Lithography-Free Phase-Change Film of Ge₂Sb₂Te₅. *Micromachines*, 2019. 10(6): p. 8. 工程学
- 643、Liu, X., et al., Infrared Phototransistor Induced by MoS₂ Quantum Dots Encapsulated in Lead Iodide Perovskite. *Ieee Electron Device Letters*, 2019. 40(5): p. 746-749. 工程学
- 644、Fan, M.J., et al., Improved Bioactivity on Substrate Degradation in Microbial Fuel Cells Using Tourmaline-Modified Anodes. *Journal of Environmental Engineering*, 2019. 145(5): p. 6. 工程学
- 645、Gu, X.Z. and G.Y. Wen, Design of a Near-Field RFID Antenna Array in Metal Cabinet Environment. *Ieee Antennas and Wireless Propagation Letters*, 2019. 18(1): p. 79-83. 工程学
- 646、Miao, X.B., et al., Design of Dual-Mode Arc-Shaped Dipole Arrays for Indoor Base-Station Applications. *Ieee Antennas and Wireless Propagation Letters*, 2019. 18(4): p. 752-756. 工程学
- 647、Wang, N., F.Y. Meng, and Y.W. Xu, Deriving the priority weights from multiplicative consistent single-valued neutrosophic preference relations. *Neural Computing & Applications*, 2019. 31(10): p. 6659-6683. 工程学
- 648、Zhang, J.B., et al., Computation of Lightning-Induced Voltages for Striking Oblique

Cone-Shaped Mountain by 3-D FDTD Method. *Ieee Transactions on Electromagnetic Compatibility*, 2019. 61(5): p. 1543-1551. 工程学

649、Yu, Z.Y., et al., Compact three-dimensional bandpass FSS with high selectivity based on split square coaxial waveguide. *Electronics Letters*, 2019. 55(21): p. 1135-1136. 工程学

650、Deng, Z.L., et al., A Novel Damping Method for Strapdown Inertial Navigation System. *Ieee Access*, 2019. 7: p. 49549-49557. 工程学

651、Ding, J.Q., et al., A 90 degrees Waveguide Hybrid with Low Amplitude Imbalance in Full W-Band. *Journal of Infrared Millimeter and Terahertz Waves*, 2019. 40(4): p. 429-434. 工程学

652、Wu, L., et al., UPMC-Based Interference Management for Heterogeneous Small-Cell Networks. *Ieee Access*, 2019. 7: p. 136559-136567. 工程学

653、Xing, H.Y., X. Yang, and J.Y. Zhang, Thunderstorm Cloud Localization Algorithm and Performance Analysis of a Three-Dimensional Atmospheric Electric Field Apparatus. *Journal of Electrical Engineering & Technology*, 2019. 14(6): p. 2487-2495. 工程学

654、Shi, Y.R., et al., Silicon Interposer Package for MMIC Heterogeneous Integration Based on Gold/Solder Ball Flip-Chip Technique. *Ieee Transactions on Components Packaging and Manufacturing Technology*, 2019. 9(8): p. 1659-1662. 工程学

655、Zhao, Y., Quasi-corrugated substrate integrated waveguide H-plane horn antenna with wideband and low-profile characteristics. *International Journal of Rf and Microwave Computer-Aided Engineering*, 2019. 29(2): p. 6. 工程学

656、Zhao, L.L., et al., Photonic crystal all-fiber Mach-Zehnder Interferometer sensor based on phase demodulation. *Optical Fiber Technology*, 2019. 53: p. 6. 工程学

657、Bai, C.Z., et al., L1-norm-based kernel entropy components. *Pattern Recognition*, 2019. 96: p. 12. 工程学

658、Guo, G.M., et al., Integrated instrumentation for combined laser-induced breakdown and Raman spectroscopy. *Instrumentation Science & Technology*, 2019. 47(4): p. 355-373. 工程学

659、Jiang, L., et al., Flexible Filter Bank Multi-Carriers PON Based on Two-Dimensional Multiple Probabilistic Shaping Distribution. *Ieee Access*, 2019. 7: p. 1793-1799. 工程学

660、Hou, W.H., et al., Effect of Striking a Cone-Shaped Mountain Top on the Far Lightning-Radiated Electromagnetic Field. *Ieee Transactions on Electromagnetic Compatibility*, 2019. 61(4): p. 1147-1156. 工程学

661、Li, L.Y., L.F. Wang, and R.Q. Liu, Effect of Ether-Based and Carbonate-Based Electrolytes on the Electrochemical Performance of Li-S Batteries. *Arabian Journal for Science and Engineering*, 2019. 44(7): p. 6361-6371. 工程学

662、Wu, X.H., J. Guo, and E. Gonzalez, Determining the amount of international aid that countries should donate after a disaster to alleviate sustainable implications: A new framework for analysis. *Journal of Cleaner Production*, 2019. 241: p. 14. 工程学

663、Wang, H., et al., Detection of Triple JPEG Compressed Color Images. *Ieee Access*, 2019. 7: p. 113094-113102. 工程学

664、Ravelo, B., F.Y. Wan, and J. Feng, All-Pass Negative Group Delay Function With Transmission Line Feedback Topology. *Ieee Access*, 2019. 7: p. 155711-155723. 工程学

665、Xu, F.N., et al., Aggregation of area-averaged evapotranspiration over the Ejina Oasis based on a flux matrix and footprint analysis. *Journal of Hydrology*, 2019. 575: p. 17-30. 工程学

666、Gu, S.H., et al., A novel method for breast mass segmentation: from superpixel to subpixel segmentation. *Machine Vision and Applications*, 2019. 30(7-8): p. 1111-1122. 工程学

- 667、Chen, Y.J. and M.L. Wu, A level set method for brain MR image segmentation under asymmetric distributions. *Signal Image and Video Processing*, 2019. 13(7): p. 1421-1429. 工程学
- 668、Zhao, S.M., et al., A Novel Low-Crosstalk Driveline Based on Spoof Surface Plasmon Polaritons. *Ieee Access*, 2019. 7: p. 30702-30707. 工程学
- 669、Zheng, T.T., et al., A New Uncertainty Measure of Covering-Based Rough Interval-Valued Intuitionistic Fuzzy Sets. *Ieee Access*, 2019. 7: p. 53213-53224. 工程学
- 670、Ye, J.M., Z.S. Xu, and X.J. Gou, A New Perspective of Bayes Formula Based on D-S Theory in Interval Intuitionistic Fuzzy Environment and Its Applications. *International Journal of Fuzzy Systems*, 2019. 21(4): p. 1196-1213. 工程学
- 671、Jiang, H., et al., A 3D Cylinder MIMO Channel Model for 5G Macrocell Mobile-to-Mobile Communication Systems. *Ieee Access*, 2019. 7: p. 119350-119356. 工程学
- 672、Liu, B.J., X.X. Zhang, and F. He, Tilt of the ring current during the main phases of intense geomagnetic storms. *Science China-Technological Sciences*, 2019. 62(5): p. 820-828. 工程学
- 673、Zhao, J., et al., The evolvement mechanism of hydro-meteorological elements under climate change and the interaction impacts in Xin'anjiang Basin, China. *Stochastic Environmental Research and Risk Assessment*, 2019. 33(4-6): p. 1159-1173. 工程学
- 674、Liu, W.J., et al., Quantum Searchable Encryption for Cloud Data Based on Full-Blind Quantum Computation. *Ieee Access*, 2019. 7: p. 186284-186295. 工程学
- 675、Zhao, D.L., Y.F. Wu, and J. Wu, Pressure and Temperature Sensor Based on Fiber-Optic Fabry-Perot Interferometer by Phase Demodulation. *Ieee Access*, 2019. 7: p. 179532-179537. 工程学
- 676、Shen, L.Y., C.G. Lu, and X.Q. Zhu, Leading-edge receptivity of boundary layer to three-dimensional free-stream turbulence. *Applied Mathematics and Mechanics-English Edition*, 2019. 40(6): p. 851-860. 工程学
- 677、Xu, Z.F., et al., Kron-Branin modeling of symmetric star tree interconnect. *International Journal of Circuit Theory and Applications*, 2019. 47(3): p. 391-405. 工程学
- 678、Tang, M.L., et al., K-Lowest-Influence Overlapping Nodes Based Community Detection in Complex Networks. *Ieee Access*, 2019. 7: p. 109646-109661. 工程学
- 679、Sun, J.Y., et al., Highly Efficient Transformation of Bisphenol S by Anaerobic Cometabolism in the Bioelectrochemical System. *Journal of Environmental Engineering*, 2019. 145(11): p. 11. 工程学
- 680、Chen, S.B., et al., Feature selection based on correlation deflation. *Neural Computing & Applications*, 2019. 31(10): p. 6383-6392. 工程学
- 681、Chen, X.Q., X.W. Liu, and Z.W. Gong, Extended DEA model under type-2 fuzzy environment: An application of rural poverty reduction in Hainan province. *Kybernetes*, 2019. 48(5): p. 1095-1133. 工程学
- 682、Du, J., et al., Ensemble interpolation of missing wind turbine nacelle wind speed data in wind farms based on robust particle swarm optimized generalized regression neural network. *International Journal of Green Energy*, 2019. 16(14): p. 1210-1219. 工程学
- 683、Lou, Y.S., et al., Effects of silicate application on CH₄ and N₂O emissions and global warming potentials in paddy soil under enhanced UV-B radiation. *Energy Science & Engineering*, 2019. 7(5): p. 1784-1794. 工程学
- 684、Xu, J., Z.Y. Chen, and Y.X. Zhu, Dual-Plane Quadruplexer Using Common Lumped-Element

Quadruple-Mode Resonator. *Ieee Microwave and Wireless Components Letters*, 2019. 29(9): p. 617-619. 工程学

685、Wu, J., et al., Diode pumped high efficiency single-longitudinal-mode Tm, Ho:YAP ring laser. *Optical Engineering*, 2019. 58(1): p. 4. 工程学

686、Ravelo, B., et al., Design, Modeling and Synthesis of Negative Group Delay IL-Shape Topology. *Ieee Access*, 2019. 7: p. 153900-153909. 工程学

687、Tang, T., et al., Design and radiation mechanism analysis of a multi-usage ultra-high frequency radio frequency identification tag antenna. *Iet Microwaves Antennas & Propagation*, 2019. 13(12): p. 1989-1996. 工程学

688、Yang, M.Z., et al., Comparative study of Cs,O coadsorption on Ga_{0.75}Al_{0.25}N (0001) and (001) surfaces. *Optical and Quantum Electronics*, 2019. 51(2): p. 12. 工程学

689、Feng, W.J., et al., Compact dual-band single-ended-to-balanced power dividers with open/short-ended stubs. *International Journal of Rf and Microwave Computer-Aided Engineering*, 2019. 29(7): p. 11. 工程学

690、Yang, G.J., et al., CFD Simulation of Pollutant Emission in a Natural Draft Dry Cooling Tower with Flue Gas Injection: Comparison between LES and RANS. *Energies*, 2019. 12(19): p. 21. 工程学

691、Chen, Y.L., W. Kong, and X.Z. Jiang, Anti-Synchronization and Robust Authentication for Noisy PUF-Based Smart Card. *Ieee Access*, 2019. 7: p. 142214-142223. 工程学

692、Li, X.C., et al., Analysis on corona discharge electrical characteristics of wind turbine blades. *International Journal of Applied Electromagnetics and Mechanics*, 2019. 60(1): p. 91-101. 工程学

693、Chen, S.T., et al., Aerial image matching method based on HSI hash learning. *Pattern Recognition Letters*, 2019. 117: p. 131-139. 工程学

694、Tang, D.H., X.L. Xi, and J. Zhou, A Novel MIMO Channel Model for Congested Communication Environments. *Ieee Access*, 2019. 7: p. 53754-53765. 工程学

695、Han, Y., Z.Y. Lu, and S. Chen, A HYBRID INCONSISTENT SUSTAINABLE CHEMICAL INDUSTRY EVALUATION METHOD. *Journal of Industrial and Management Optimization*, 2019. 15(3): p. 1225-1239. 工程学

696、Li, M., et al., Using the Cloud-Bayesian Network in Environmental Assessment of Offshore Wind-Farm Siting. *Mathematical Problems in Engineering*, 2019. 2019: p. 15. 工程学

697、Zhai, Y.L., Z.S. Xu, and H.C. Liao, The Stably Multiplicative Consistency of Fuzzy Preference Relation and Interval-Valued Hesitant Fuzzy Preference Relation. *Ieee Access*, 2019. 7: p. 54929-54945. 工程学

698、Han, S., et al., Self-adaptive probabilistically shaped star-carrier-less amplitude/phase passive optical network based on simulated annealing algorithm. *Optical Engineering*, 2019. 58(2): p. 6. 工程学

699、Zhang, B., et al., Robust Secrecy Energy Efficiency Optimization for Wireless Powered Heterogeneous Networks Using Distributed ADMM Algorithm. *Ieee Access*, 2019. 7: p. 116277-116294. 工程学

700、Feng, J.J., Y.Z. Zhang, and C.Q. Ke, Relationship between Winter Precipitation in Barents-Kara Seas and September-October Eastern Siberian Sea Ice Anomalies. *Applied Sciences-Basel*, 2019. 9(6): p. 15. 工程学

701、Wu, X.Y., et al., Probabilistic Shaping Design Based on Reduced-Exponentiation Subset

Indexing and Honeycomb-Structured Constellation Optimization for 5G Fronthaul Network. *Ieee Access*, 2019. 7: p. 141395-141403. 工程学

702、Wu, Q., C.M. Wu, and L. Chen, Open ICT-PaaS platform enabling 5G network slicing. *Iet Communications*, 2019. 13(9): p. 1242-1252. 工程学

703、Wang, L.H. and Z.W. Gong, On Optimal Priority Modelling of Group Intuitionistic Fuzzy Preference Relations with Normal Uncertainty Distribution. *Journal of Systems Science and Systems Engineering*, 2019. 28(4): p. 510-525. 工程学

704、Zhang, C., et al., No-Reference Image Quality Assessment Using Independent Component Analysis and Convolutional Neural Network. *Journal of Electrical Engineering & Technology*, 2019. 14(1): p. 487-496. 工程学

705、Li, T., et al., Multi-model Ensemble Forecast of PM2.5 Concentration Based on the Improved Wavelet Neural Networks. *Journal of Imaging Science and Technology*, 2019. 63(3): p. 11. 工程学

706、Su, Z.G., et al., Lightning Electromagnetic Fields Along an Ocean-Land Mixed Propagation Path Generated by Return Strokes to Wind Turbines. *Ieee Transactions on Electromagnetic Compatibility*, 2019. 61(3): p. 653-662. 工程学

707、Wu, P., et al., Integer Programming Modeling on Group Decision Making With Incomplete Hesitant Fuzzy Linguistic Preference Relations. *Ieee Access*, 2019. 7: p. 136867-136881. 工程学

708、Zhang, X., et al., Double fidelity terms unidirectional variation model for single-image rain removal. *Journal of Electronic Imaging*, 2019. 28(2): p. 12. 工程学

709、Xiao, Y. and G.Y. Gao, Digital Watermark-Based Independent Individual Certification Scheme in WSNs. *Ieee Access*, 2019. 7: p. 145516-145523. 工程学

710、Jiang, H., et al., Approximation Algorithm Based Channel Estimation for Massive MIMO Antenna Array Systems. *Ieee Access*, 2019. 7: p. 149364-149372. 工程学

711、Xiong, C.B., L.N. Yu, and L.W. Zhao, Analysis on the Impacts of Slant Tropospheric Delays on Precise Point Positioning. *Applied Sciences-Basel*, 2019. 9(22): p. 12. 工程学

712、Li, Y.K., et al., An Accurate Imaging and Doppler Chirp Rate Estimation Algorithm for Airborne CSSAR-GMTI Systems. *Ieee Access*, 2019. 7: p. 170077-170086. 工程学

713、Ni, H. and X.N. Niu, Agglomerative oversegmentation using dual similarity and entropy rate. *Pattern Recognition*, 2019. 93: p. 324-336. 工程学

714、Fang, X.X., et al., Accelerated Sherman-Morrison-Woodbury Formula-Based Preconditioner With Characteristic Basis Function Method. *Ieee Antennas and Wireless Propagation Letters*, 2019. 18(9): p. 1926-1930. 工程学

715、Wang, S.Y., Z. Mu, and W.Y. Meng, A polarization-reconfigurable array design based on mode combination technique. *International Journal of Rf and Microwave Computer-Aided Engineering*, 2020. 30(3): p. 9. 工程学

716、Zhou, J., et al., A Specific and Selective Neural Response Representation With Decorrelating Auto-Encoder. *Ieee Access*, 2019. 7: p. 70011-70020. 工程学

717、Yan, C., et al., A Multi-Objective Video Crowdsourcing Method in Mobile Environment. *Ieee Access*, 2019. 7: p. 133787-133798. 工程学

718、Cheng, X., et al., Weighted Multiple Instance-Based Deep Correlation Filter for Video Tracking Processing. *Ieee Access*, 2019. 7: p. 161220-161230. 工程学

719、Tang, R.F., et al., Video object segmentation via attention-modulating networks. *Electronics Letters*, 2019. 55(8): p. 455-456. 工程学

- 720、Jiang, T., et al., Tail asymptotics for service systems with transfers of customers in an alternating environment. *Operations Research Letters*, 2019. 47(6): p. 473-477. 工程学
- 721、Chen, W.B., K. Dahal, and S.X. Huang, Salient object detection via reciprocal function filter. *let Image Processing*, 2019. 13(10): p. 1616-1624. 工程学
- 722、Khalid, H.A., et al., Polarization-based 6 x 6 MIMO transmission over 75 km few-mode multicore fiber using recursive least squares constant modulus algorithm. *Optical Engineering*, 2019. 58(2): p. 4. 工程学
- 723、Liu, P.C., et al., PROGRES: A Programmable Green Router With Controlled Service Rate. *Ieee Access*, 2019. 7: p. 143792-143804. 工程学
- 724、Li, P.F., et al., Optimized Design of Wind Turbine Blade Receptors Based on Electrostatic Field Theory. *Electronics*, 2019. 8(12): p. 13. 工程学
- 725、Niu, S.P., et al., Lab-scale study on recirculated subsurface flow wetlands packed with pumice for the treatment of stormwater from animal feeding-lots. *Desalination and Water Treatment*, 2019. 152: p. 58-65. 工程学
- 726、He, X., et al., Investigation on the Performance Improvement of Polyacrylonitrile-Derived Flexible Electrospun Carbon Nanofiber Mats. *Applied Sciences-Basel*, 2019. 9(18): p. 10. 工程学
- 727、Gu, W.H., et al., Investigation on Different Electrochemical Behaviors of Four-Layered Bismuth Oxyhalogens. *Energy Technology*, 2019. 7(9): p. 4. 工程学
- 728、Qiu, Q.J. and L. Jiang, How to deal with consumers who group to request a discount? *Naval Research Logistics*, 2019. 66(6): p. 469-484. 工程学
- 729、Zhao, J.Y., et al., Flexible Probabilistic Shaping RoF Signal Transmission With Adjustable ACO. *Ieee Access*, 2019. 7: p. 23690-23697. 工程学
- 730、Zhang, Y.F., E.C. Zhang, and J.L. Gu, Evaluation of Horizontal Electric Field from the Lightning Channel by Electromagnetic Field Equations of Moving Charges. *International Journal of Antennas and Propagation*, 2019. 2019: p. 8. 工程学
- 731、Shen, H., Y. He, and S.A. Hsu, Estimating downwind turbulence intensity using wind and wave measurements during hurricanes. *Applied Ocean Research*, 2019. 88: p. 71-75. 工程学
- 732、Hao, C.Y., Y.D. Chen, and E.H. Wu, Efficient PatchMatch-Based Synthesis for Cartoon Animation. *Ieee Access*, 2019. 7: p. 31262-31272. 工程学
- 733、Zhang, Y.F., et al., Analysis of the influencing factors of electric field distortion caused by the lightning rod. *International Journal of Applied Electromagnetics and Mechanics*, 2019. 61(3): p. 391-401. 工程学
- 734、Cui, J.R., et al., An improved wavelet transform and multi-block forecast engine based on a novel training mechanism. *Isa Transactions*, 2019. 84: p. 142-153. 工程学
- 735、Xu, J., et al., A Compact Third-Order Triplexer Using Common Lumped-Element Triple-Mode Resonator. *Frequenz*, 2019. 73(9-10): p. 287-291. 工程学
- 736、Li, Z.P., et al., Time-frequency-varying multicarrier generation using dynamic recirculating frequency shifter. *Optical Engineering*, 2019. 58(5): p. 6. 工程学
- 737、Wang, J.H., et al., Theoretical and Experimental Study on Echo Fluctuation Suppression of a Cirrus Cloud by Millimeter Wave MIMO Radar. *International Journal of Antennas and Propagation*, 2019. 2019: p. 12. 工程学
- 738、Cheng, H.M., H. Huang, and K. Zhang, Study on the influence of bus front-end intrusion-free distance to the bus moving characteristics. *Mathematics and Computers in Simulation*, 2019. 155: p. 303-313. 工程学

- 739、Jiang, N.T., N. Zhang, and J.D. Zhang, Signal Detection from Permuted Observations Using Distributed Sensors. *Journal of Sensors*, 2019. 2019: p. 14. 工程学
- 740、Li, X. and Z.J. Zhang, Research and Analysis for Real-Time Streaming Big Data Based on Controllable Clustering and Edge Computing Algorithm. *Ieee Access*, 2019. 7: p. 171621-171632. 工程学
- 741、Cui, Y., et al., Neighborhood kinship preserving hashing for supervised learning. *Signal Processing-Image Communication*, 2019. 76: p. 31-40. 工程学
- 742、Chang, B.X., et al., Mathematical modelling of a tollbooth system with two parallel skill-based servers and two vehicle types. *Top*, 2019. 27(3): p. 479-501. 工程学
- 743、Yan, H.S. and Y.F. Wang, Matching decision method for knowledgeable manufacturing system and its production environment. *Journal of Intelligent Manufacturing*, 2019. 30(2): p. 771-782. 工程学
- 744、Wu, H.C., et al., Locally Low-Rank Regularized Video Stabilization With Motion Diversity Constraints. *Ieee Transactions on Circuits and Systems for Video Technology*, 2019. 29(10): p. 2873-2887. 工程学
- 745、Zhang, H.S., et al., Hydraulic conductivity and phosphorus adsorption preference of various waste bricks used as storm-water bio-filter media. *Desalination and Water Treatment*, 2019. 154: p. 225-234. 工程学
- 746、Yang, X., Z.S. Xu, and W. Zhou, Green Credit Product Design Based on Fuzzy Concept Lattice. *Ieee Access*, 2019. 7: p. 141574-141586. 工程学
- 747、Guo, Y.C., P.F. Xiao, and M. Xue, Fast and Accurate Super-Resolution of FY-2 Infrared Cloud Images via Multi-Scale Fusion Network. *Ieee Access*, 2019. 7: p. 152149-152157. 工程学
- 748、Yin, L.P. and P.W. Zhu, Disturbance observer-based dynamic optimal setting control scheme for processes with nonlinear loops. *Optimal Control Applications & Methods*, 2019. 40(6): p. 1054-1070. 工程学
- 749、Wu, J., et al., Design of a high-speed low-power wireless sensor node and verification for structural health monitoring. *International Journal of Applied Electromagnetics and Mechanics*, 2019. 60(4): p. 579-601. 工程学
- 750、Li, X.C., et al., Damaged mechanism analysis of FET under lightning. *International Journal of Applied Electromagnetics and Mechanics*, 2019. 61(2): p. 171-183. 工程学
- 751、Zhou, Z.L., et al., Boolean Operation Based Visual Cryptography. *Ieee Access*, 2019. 7: p. 165496-165508. 工程学
- 752、Pu, Y.Y., et al., Application of used cement blocks for the removal of phosphate from aqueous solution under low temperature conditions. *Desalination and Water Treatment*, 2019. 154: p. 219-224. 工程学
- 753、Li, X.C., et al., Analysis of transistor damage mechanism and protection measures under lightning voltage. *International Journal of Applied Electromagnetics and Mechanics*, 2019. 60(1): p. 79-89. 工程学
- 754、Yao, C.F., et al., An all solid-state 330 GHz frequency multiplying Chain for 664 GHz radiometers application. *International Journal of Electronics*, 2019. 106(7): p. 960-975. 工程学
- 755、Cui, Z.M., et al., An Efficient Top-k Query Scheme Based on Multilayer Grouping. *Tehnicki Vjesnik-Technical Gazette*, 2019. 26(5): p. 1339-1345. 工程学
- 756、Mu, Z., S.Y. Wang, and W.Y. Meng, A Wideband Polarization Reconfigurable Antenna Array Based on Mode Combination Method. *Frequenz*, 2019. 73(5-6): p. 153-159. 工程学

- 757、Wang, F. and Y.Q. Dong, A Power-Balanced Pareto-Equilibrium Profit Allocation in Supply Chain. *Ieee Access*, 2019. 7: p. 24889-24897. 工程学
- 758、Yin, C., et al., A New Minimize Matrix Computation Coding Method for Distributed Storage Systems. *Mathematical Problems in Engineering*, 2019. 2019: p. 14. 工程学
- 759、Chen, Z.H., et al., A G-Band 2-Pixel Heterodyne Receiver with Integrated Local Oscillator Chain. *Journal of Infrared Millimeter and Terahertz Waves*, 2019. 40(10): p. 1035-1051. 工程学
- 760、Fu, Y.H., et al., Activated bio-chars derived from rice husk via one- and two-step KOH-catalyzed pyrolysis for phenol adsorption. *Science of the Total Environment*, 2019. 646: p. 1567-1577. 环境科学与生态学
- 761、Terrer, C., et al., Nitrogen and phosphorus constrain the CO₂ fertilization of global plant biomass. *Nature Climate Change*, 2019. 9(9): p. 684-+. 环境科学与生态学
- 762、Feng, Z.Z., et al., Economic losses due to ozone impacts on human health, forest productivity and crop yield across China. *Environment International*, 2019. 131: p. 9. 环境科学与生态学
- 763、Li, R., et al., Air pollution characteristics in China during 2015-2016: Spatiotemporal variations and key meteorological factors. *Science of the Total Environment*, 2019. 648: p. 902-915. 环境科学与生态学
- 764、Gui, K., et al., Satellite-derived PM_{2.5} concentration trends over Eastern China from 1998 to 2016: Relationships to emissions and meteorological parameters. *Environmental Pollution*, 2019. 247: p. 1125-1133. 环境科学与生态学
- 765、Wang, P.F., et al., Responses of PM_{2.5} and O₃ concentrations to changes of meteorology and emissions in China. *Science of the Total Environment*, 2019. 662: p. 297-306. 环境科学与生态学
- 766、Zhang, S., et al., Copper nanoparticles and copper ions promote horizontal transfer of plasmid-mediated multi-antibiotic resistance genes across bacterial genera. *Environment International*, 2019. 129: p. 478-487. 环境科学与生态学
- 767、Chang, Y.H., et al., Assessing Contributions of Agricultural and Nonagricultural Emissions to Atmospheric Ammonia in a Chinese Megacity. *Environmental Science & Technology*, 2019. 53(4): p. 1822-1833. 环境科学与生态学
- 768、Qu, B., et al., Water quality in the Tibetan Plateau: Major ions and trace elements in rivers of the "Water Tower of Asia". *Science of the Total Environment*, 2019. 649: p. 571-581. 环境科学与生态学
- 769、Wu, G.M., et al., Water-Soluble Brown Carbon in Atmospheric Aerosols from Godavari (Nepal), a Regional Representative of South Asia. *Environmental Science & Technology*, 2019. 53(7): p. 3471-3479. 环境科学与生态学
- 770、Li, J.D., et al., Severe particulate pollution days in China during 2013-2018 and the associated typical weather patterns in Beijing-Tianjin-Hebei and the Yangtze River Delta regions. *Environmental Pollution*, 2019. 248: p. 74-81. 环境科学与生态学
- 771、Peng, B.H., et al., Dynamic evolution of ecological carrying capacity based on the ecological footprint theory: A case study of Jiangsu province. *Ecological Indicators*, 2019. 99: p. 19-26. 环境科学与生态学
- 772、Xie, J.W., et al., Bacteria and Antibiotic Resistance Genes (ARGs) in PM_{2.5} from China: Implications for Human Exposure. *Environmental Science & Technology*, 2019. 53(2): p. 963-972. 环境科学与生态学
- 773、Gu, H.J., et al., Human health damages related to air pollution in China. *Environmental*

Science and Pollution Research, 2019. 26(13): p. 13115-13125. 环境科学与生态学

774、Wang, T., et al., Emission of primary microplastics in mainland China: Invisible but not negligible. Water Research, 2019. 162: p. 214-224. 环境科学与生态学

775、Luo, X.S., et al., Impacts of atmospheric particulate matter pollution on environmental biogeochemistry of trace metals in soil-plant system: A review. Environmental Pollution, 2019. 255: p. 11. 环境科学与生态学

776、Agathokleous, E., et al., The two faces of nanomaterials: A quantification of hormesis in algae and plants. Environment International, 2019. 131: p. 10. 环境科学与生态学

777、Jin, Z.W., et al., The crucial factors of soil fertility and rapeseed yield - A five year field trial with biochar addition in upland red soil, China. Science of the Total Environment, 2019. 649: p. 1467-1480. 环境科学与生态学

778、Li, H., et al., Effects of graphite and Mn ore media on electro-active bacteria enrichment and fate of antibiotic and corresponding resistance gene in up flow microbial fuel cell constructed wetland. Water Research, 2019. 165: p. 13. 环境科学与生态学

779、Ge, F., et al., Risks of precipitation extremes over Southeast Asia: does 1.5 degrees C or 2 degrees C global warming make a difference? Environmental Research Letters, 2019. 14(4): p. 11. 环境科学与生态学

780、Wang, Y.J., et al., Tens of thousands additional deaths annually in cities of China between 1.5 degrees C and 2.0 degrees C warming. Nature Communications, 2019. 10: p. 7. 环境科学与生态学

781、Yuan, Y., et al., In vitro toxicity evaluation of heavy metals in urban air particulate matter on human lung epithelial cells. Science of the Total Environment, 2019. 678: p. 301-308. 环境科学与生态学

782、Ma, X.Y., et al., Spatial and seasonal characteristics of particulate matter and gaseous pollution in China: Implications for control policy. Environmental Pollution, 2019. 248: p. 421-428. 环境科学与生态学

783、Zhang, F., et al., Aquatic behavior and toxicity of polystyrene nanoplastic particles with different functional groups: Complex roles of pH, dissolved organic carbon and divalent cations. Chemosphere, 2019. 228: p. 195-203. 环境科学与生态学

784、Wang, P., et al., Attribution of Tropospheric Ozone to NO_x and VOC Emissions: Considering Ozone Formation in the Transition Regime. Environmental Science & Technology, 2019. 53(3): p. 1404-1412. 环境科学与生态学

785、Shen, F., et al., Contamination Evaluation and Source Identification of Heavy Metals in the Sediments from the Lishui River Watershed, Southern China. International Journal of Environmental Research and Public Health, 2019. 16(3): p. 14. 环境科学与生态学

786、Fang, H., et al., Metagenomic analysis of bacterial communities and antibiotic resistance genes in the Eriocheir sinensis freshwater aquaculture environment. Chemosphere, 2019. 224: p. 202-211. 环境科学与生态学

787、Huang, J.L., et al., Effect of Fertility Policy Changes on the Population Structure and Economy of China: From the Perspective of the Shared Socioeconomic Pathways. Earths Future, 2019. 7(3): p. 250-265. 环境科学与生态学

788、Yang, Y.C., et al., Characteristics of one-year observation of VOCs, NO_x, and O₃ at an urban site in Wuhan, China. Journal of Environmental Sciences, 2019. 79: p. 297-310. 环境科学与生态学

- 789、Jiang, Y., et al., Widespread increase of boreal summer dry season length over the Congo rainforest. *Nature Climate Change*, 2019. 9(8): p. 617-+. 环境科学与生态学
- 790、Yu, Y.J., et al., Responses of paddy soil bacterial community assembly to different long-term fertilizations in southeast China. *Science of the Total Environment*, 2019. 656: p. 625-633. 环境科学与生态学
- 791、Ma, Y.C., et al., The global warming potential of straw-return can be reduced by application of straw-decomposing microbial inoculants and biochar in rice-wheat production systems. *Environmental Pollution*, 2019. 252: p. 835-845. 环境科学与生态学
- 792、Zhou, G.Y., et al., Climate and litter C/N ratio constrain soil organic carbon accumulation. *National Science Review*, 2019. 6(4): p. 746-757. 环境科学与生态学
- 793、Feng, Z.Z., et al., Current ambient and elevated ozone effects on poplar: A global meta-analysis and response relationships. *Science of the Total Environment*, 2019. 654: p. 832-840. 环境科学与生态学
- 794、Zhao, D.D., et al., The formation mechanism of air pollution episodes in Beijing city: Insights into the measured feedback between aerosol radiative forcing and the atmospheric boundary layer stability. *Science of the Total Environment*, 2019. 692: p. 371-381. 环境科学与生态学
- 795、Pei, Z.F., et al., The Relationship between NDVI and Climate Factors at Different Monthly Time Scales: A Case Study of Grasslands in Inner Mongolia, China (1982-2015). *Sustainability*, 2019. 11(24): p. 17. 环境科学与生态学
- 796、Chen, J.Y., et al., Nanometer mixed-valence silver oxide enhancing adsorption of ZIF-8 for removal of iodide in solution. *Science of the Total Environment*, 2019. 646: p. 634-644. 环境科学与生态学
- 797、Sun, J.J., et al., Investigating the PM_{2.5} mass concentration growth processes during 2013-2016 in Beijing and Shanghai. *Chemosphere*, 2019. 221: p. 452-463. 环境科学与生态学
- 798、Chen, H.P. and J.Q. Sun, Increased population exposure to extreme droughts in China due to 0.5 degrees C of additional warming. *Environmental Research Letters*, 2019. 14(6): p. 9. 环境科学与生态学
- 799、Wang, X., et al., Impacts of drought and heatwave on the terrestrial ecosystem in China as revealed by satellite solar-induced chlorophyll fluorescence. *Science of the Total Environment*, 2019. 693: p. 12. 环境科学与生态学
- 800、Zheng, H., et al., On the Sensitivity of the Precipitation Partitioning Into Evapotranspiration and Runoff in Land Surface Parameterizations. *Water Resources Research*, 2019. 55(1): p. 95-111. 环境科学与生态学
- 801、Wang, H., et al., An urban-rural and sex differences in cancer incidence and mortality and the relationship with PM_{2.5} exposure: An ecological study in the southeastern side of Hu line. *Chemosphere*, 2019. 216: p. 766-773. 环境科学与生态学
- 802、Liang, S.Y., et al., Deciphering source contributions of trace metal contamination in urban soil, road dust, and foliar dust of Guangzhou, southern China. *Science of the Total Environment*, 2019. 695: p. 12. 环境科学与生态学
- 803、Li, Y.Z., et al., Response of streamflow to environmental changes: A Budyko-type analysis based on 144 river basins over China. *Science of the Total Environment*, 2019. 664: p. 824-833. 环境科学与生态学
- 804、Xie, M.J., et al., Light absorption of organic carbon and its sources at a southeastern US location in summer. *Environmental Pollution*, 2019. 244: p. 38-46. 环境科学与生态学

- 805、Cheng, Z.H., L.S. Li, and J. Liu, The effect of information technology on environmental pollution in China. *Environmental Science and Pollution Research*, 2019. 26(32): p. 33109-33124. 环境科学与生态学
- 806、Luo, X.S., et al., Pulmonary bioaccessibility of trace metals in PM_{2.5} from different megacities simulated by lung fluid extraction and DGT method. *Chemosphere*, 2019. 218: p. 915-921. 环境科学与生态学
- 807、Yu, Y.Y., et al., PM_{2.5} elements at an urban site in Yangtze River Delta, China: High time-resolved measurement and the application in source apportionment. *Environmental Pollution*, 2019. 253: p. 1089-1099. 环境科学与生态学
- 808、Zhao, W., et al., Evolution of boundary layer ozone in Shijiazhuang, a suburban site on the North China Plain. *Journal of Environmental Sciences*, 2019. 83: p. 152-160. 环境科学与生态学
- 809、Wada, Y., et al., Co-designing Indus Water-Energy-Land Futures. *One Earth*, 2019. 1(2): p. 185-194. 环境科学与生态学
- 810、Peng, B.H., et al., Behavioral game and simulation analysis of extended producer responsibility system's implementation under environmental regulations. *Environmental Science and Pollution Research*, 2019. 26(17): p. 17644-17654. 环境科学与生态学
- 811、Wang, Y.Y., et al., Associations of daily mortality with short-term exposure to PM_{2.5} and its constituents in Shanghai, China. *Chemosphere*, 2019. 233: p. 879-887. 环境科学与生态学
- 812、Yu, X.C., et al., Impacts of different types and intensities of El Nino events on winter aerosols over China. *Science of the Total Environment*, 2019. 655: p. 766-780. 环境科学与生态学
- 813、Li, Y., et al., Impacts of 1.5 degrees C and 2 degrees C global warming on winter snow depth in Central Asia. *Science of the Total Environment*, 2019. 651: p. 2866-2873. 环境科学与生态学
- 814、Shang, B., et al., Elevated ozone reduced leaf nitrogen allocation to photosynthesis in poplar. *Science of the Total Environment*, 2019. 657: p. 169-178. 环境科学与生态学
- 815、Jiang, K., et al., A differential game approach to dynamic optimal control strategies for watershed pollution across regional boundaries under eco-compensation criterion. *Ecological Indicators*, 2019. 105: p. 229-241. 环境科学与生态学
- 816、Wang, J.P., et al., Temporal variation of oxidative potential of water soluble components of ambient PM_{2.5} measured by dithiothreitol (DTT) assay. *Science of the Total Environment*, 2019. 649: p. 969-978. 环境科学与生态学
- 817、Shen, Y.F., N.Y. Zhang, and Y.H. Fu, Synthesis of high-performance hierarchically porous carbons from rice husk for sorption of phenol in the gas phase. *Journal of Environmental Management*, 2019. 241: p. 53-58. 环境科学与生态学
- 818、Yu, Z., et al., Largely underestimated carbon emission from land use and land cover change in the conterminous United States. *Global Change Biology*, 2019. 25(11): p. 3741-3752. 环境科学与生态学
- 819、Li, Z.B., et al., Future Changes in East Asian Summer Monsoon Circulation and Precipitation Under 1.5 to 5 degrees C of Warming. *Earths Future*, 2019. 7(12): p. 1391-1406. 环境科学与生态学
- 820、Gao, S., et al., Dynamic assessment of island ecological environment sustainability under urbanization based on rough set, synthetic index and catastrophe progression analysis theories. *Ocean & Coastal Management*, 2019. 178: p. 8. 环境科学与生态学
- 821、Xiao, Q.T., et al., Coregulation of nitrous oxide emissions by nitrogen and temperature in China's third largest freshwater lake (Lake Taihu). *Limnology and Oceanography*, 2019. 64(3): p.

1070-1086. 环境科学与生态学

822、Zhang, Y., et al., Benefits of of current and future policies on emissions of China's coal-fired power sector indicated by continuous emission monitoring. *Environmental Pollution*, 2019. 251: p. 415-424. 环境科学与生态学

823、Wang, J., et al., Vehicle emission and atmospheric pollution in China: problems, progress, and prospects. *Peerj*, 2019. 7: p. 22. 环境科学与生态学

824、Shen, L.D., et al., Spatial separation of anaerobic ammonium oxidation and nitrite-dependent anaerobic methane oxidation in permeable riverbeds. *Environmental Microbiology*, 2019. 21(4): p. 1185-1195. 环境科学与生态学

825、Phochanikorn, P. and C.Q. Tan, An Integrated Multi-Criteria Decision-Making Model Based on Prospect Theory for Green Supplier Selection under Uncertain Environment: A Case Study of the Thailand Palm Oil Products Industry. *Sustainability*, 2019. 11(7): p. 22. 环境科学与生态学

826、Miensah, E.D., et al., Zeolitic imidazolate frameworks and their derived materials for sequestration of radionuclides in the environment: A review. *Critical Reviews in Environmental Science and Technology*, 2020. 50(18): p. 1874-1934. 环境科学与生态学

827、Chen, X.J., et al., The stimulatory effect of humic acid on the co-metabolic biodegradation of tetrabromobisphenol A in bioelectrochemical system. *Journal of Environmental Management*, 2019. 235: p. 350-356. 环境科学与生态学

828、Peng, B.H., et al., Ecological Environment Vulnerability and Driving Force of Yangtze River Urban Agglomeration. *Sustainability*, 2019. 11(23): p. 15. 环境科学与生态学

829、Zuo, X.J., et al., Diversity and metabolism effects of microorganisms in bioretention systems with sand, soil and fly ash. *Science of the Total Environment*, 2019. 676: p. 447-454. 环境科学与生态学

830、Wang, Y.Y., et al., Comprehensive Evaluation and Spatial Difference Analysis of Regional Ecological Carrying Capacity: A Case Study of the Yangtze River Urban Agglomeration. *International Journal of Environmental Research and Public Health*, 2019. 16(18): p. 16. 环境科学与生态学

831、Khan, R., K.R. Kumar, and T.L. Zhao, The climatology of aerosol optical thickness and radiative effects in Southeast Asia from 18-years of ground-based observations. *Environmental Pollution*, 2019. 254: p. 14. 环境科学与生态学

832、Chen, Q., et al., Seasonally varied cytotoxicity of organic components in PM_{2.5} from urban and industrial areas of a Chinese megacity. *Chemosphere*, 2019. 230: p. 424-431. 环境科学与生态学

833、Liu, N.W., et al., Seasonal variation in surface ozone and its regional characteristics at global atmosphere watch stations in China. *Journal of Environmental Sciences*, 2019. 77: p. 291-302. 环境科学与生态学

834、Laurent, O., et al., Relationships between greenness and low birth weight: Investigating the interaction and mediation effects of air pollution. *Environmental Research*, 2019. 175: p. 124-132. 环境科学与生态学

835、Ullah, I., et al., Linkages between Trade, CO₂ Emissions and Healthcare Spending in China. *International Journal of Environmental Research and Public Health*, 2019. 16(21): p. 15. 环境科学与生态学

836、Sun, T.Z., et al., Characterization of vertical distribution and radiative forcing of ambient aerosol over the Yangtze River Delta during 2013-2015. *Science of the Total Environment*, 2019.

650: p. 1846-1857. 环境科学与生态学

837、He, C.F., Z.Y. Liu, and A.X. Hu, The transient response of atmospheric and oceanic heat transports to anthropogenic warming. *Nature Climate Change*, 2019. 9(3): p. 222-+. 环境科学与生态学

838、Xiao, Q.T., et al., Surface nitrous oxide concentrations and fluxes from water bodies of the agricultural watershed in Eastern China. *Environmental Pollution*, 2019. 251: p. 185-192. 环境科学与生态学

839、Guo, H., et al., Simulation of summer ozone and its sensitivity to emission changes in China. *Atmospheric Pollution Research*, 2019. 10(5): p. 1543-1552. 环境科学与生态学

840、Feng, Z.Z., et al., Ozone will remain a threat for plants independently of nitrogen load. *Functional Ecology*, 2019. 33(10): p. 1854-1870. 环境科学与生态学

841、Liu, Y., et al., On the mechanisms of two composite methods for construction of multivariate drought indices. *Science of the Total Environment*, 2019. 647: p. 981-991. 环境科学与生态学

842、Yuan, H.Z., et al., Identifying sources and cycling of phosphorus in the sediment of a shallow freshwater lake in China using phosphate oxygen isotopes. *Science of the Total Environment*, 2019. 676: p. 823-833. 环境科学与生态学

843、Yuan, J.J., et al., *Spartina alterniflora* invasion drastically increases methane production potential by shifting methanogenesis from hydrogenotrophic to methylotrophic pathway in a coastal marsh. *Journal of Ecology*, 2019. 107(5): p. 2436-2450. 环境科学与生态学

844、Meng, J., et al., Source Contributions to Ambient Fine Particulate Matter for Canada. *Environmental Science & Technology*, 2019. 53(17): p. 10269-10278. 环境科学与生态学

845、Li, Q.M., et al., Preferential adsorption of nitrate with different trialkylamine modified resins and their preliminary investigation for advanced treatment of municipal wastewater. *Chemosphere*, 2019. 223: p. 39-47. 环境科学与生态学

846、Zheng, Y., et al., Five-year observation of aerosol optical properties and its radiative effects to planetary boundary layer during air pollution episodes in North China: Intercomparison of a plain site and a mountainous site in Beijing. *Science of the Total Environment*, 2019. 674: p. 140-158. 环境科学与生态学

847、Yin, H., Y. Sun, and M.G. Donat, Changes in temperature extremes on the Tibetan Plateau and their attribution. *Environmental Research Letters*, 2019. 14(12): p. 12. 环境科学与生态学

848、Gan, Y.J., et al., Assessment and Reduction of the Physical Parameterization Uncertainty for Noah-MP Land Surface Model. *Water Resources Research*, 2019. 55(7): p. 5518-5538. 环境科学与生态学

849、Agathokleous, E., et al., A quantitative assessment of hormetic responses of plants to ozone. *Environmental Research*, 2019. 176: p. 10. 环境科学与生态学

850、Yan, J.H., et al., Wastewater analysis reveals spatial pattern in consumption of anti-diabetes drug metformin in China. *Chemosphere*, 2019. 222: p. 688-695. 环境科学与生态学

851、Lu, Y., et al., Vertical distributions of black carbon aerosols over rural areas of the Yangtze River Delta in winter. *Science of the Total Environment*, 2019. 661: p. 1-9. 环境科学与生态学

852、Li, P., et al., The effects of elevated ozone on the accumulation and allocation of poplar biomass depend strongly on water and nitrogen availability. *Science of the Total Environment*, 2019. 665: p. 929-936. 环境科学与生态学

853、Wang, L.L., et al., Impacts of the near-surface urban boundary layer structure on PM_{2.5} concentrations in Beijing during winter. *Science of the Total Environment*, 2019. 669: p. 493-504.

环境科学与生态学

- 854、Zheng, S.S., et al., Characteristics and sources of VOCs in urban and suburban environments in Shanghai, China, during the 2016 G20 summit. *Atmospheric Pollution Research*, 2019. 10(6): p. 1766-1779. 环境科学与生态学
- 855、Ye, Z.L., et al., A comprehensive investigation of aqueous-phase photochemical oxidation of 4-ethylphenol. *Science of the Total Environment*, 2019. 685: p. 976-985. 环境科学与生态学
- 856、Li, J.L., et al., Spatial and temporal variation of inorganic ions in rainwater in Sichuan province from 2011 to 2016. *Environmental Pollution*, 2019. 254: p. 12. 环境科学与生态学
- 857、Hoshika, Y., et al., Ozone-induced impairment of night-time stomatal closure in O-3-sensitive poplar clone is affected by nitrogen but not by phosphorus enrichment. *Science of the Total Environment*, 2019. 692: p. 713-722. 环境科学与生态学
- 858、Liu, G.J., et al., Impact of the coal banning zone on visibility in the Beijing-Tianjin-Hebei region. *Science of the Total Environment*, 2019. 692: p. 402-410. 环境科学与生态学
- 859、Yu, X.B., H. Chen, and Z.H. Ji, Combination of Probabilistic Linguistic Term Sets and PROMETHEE to Evaluate Meteorological Disaster Risk: Case Study of Southeastern China. *Sustainability*, 2019. 11(5): p. 13. 环境科学与生态学
- 860、Liang, X.X., et al., Chemical composition and source apportionment of PM₁ and PM_{2.5} in a national coal chemical industrial base of the Golden Energy Triangle, Northwest China. *Science of the Total Environment*, 2019. 659: p. 188-199. 环境科学与生态学
- 861、Wan, X., et al., Aromatic acids as biomass-burning tracers in atmospheric aerosols and ice cores: A review. *Environmental Pollution*, 2019. 247: p. 216-228. 环境科学与生态学
- 862、Sun, X., et al., Spatio-temporal variations and factors of a provincial PM_{2.5} pollution in eastern China during 2013-2017 by geostatistics. *Scientific Reports*, 2019. 9: p. 10. 环境科学与生态学
- 863、Hong, C.Q., et al., Satellite data indicates multidimensional variation of agricultural production in land consolidation area. *Science of the Total Environment*, 2019. 653: p. 735-747. 环境科学与生态学
- 864、Sheng, X., et al., Regional convergence of energy-environmental efficiency: from the perspective of environmental constraints. *Environmental Science and Pollution Research*, 2019. 26(25): p. 25467-25475. 环境科学与生态学
- 865、Wu, Y.Z., et al., Characterization of Size-Resolved Hygroscopicity of Black Carbon-Containing Particle in Urban Environment. *Environmental Science & Technology*, 2019. 53(24): p. 14212-14221. 环境科学与生态学
- 866、Zheng, Q.D., et al., Applying a population model based on hydrochemical parameters in wastewater-based epidemiology. *Science of the Total Environment*, 2019. 657: p. 466-475. 环境科学与生态学
- 867、Lang, M., et al., Soil gross nitrogen transformations are related to land-uses in two agroforestry systems. *Ecological Engineering*, 2019. 127: p. 431-439. 环境科学与生态学
- 868、Zhou, L., et al., Phosphorus and Nitrogen Adsorption Capacities of Biochars Derived from Feedstocks at Different Pyrolysis Temperatures. *Water*, 2019. 11(8): p. 16. 环境科学与生态学
- 869、Tian, J.X., et al., Influence of Three Gorges Dam on Downstream Low Flow. *Water*, 2019. 11(1): p. 16. 环境科学与生态学
- 870、Tu, Y., et al., Regional environmental regulation efficiency: spatiotemporal characteristics and influencing factors. *Environmental Science and Pollution Research*, 2019. 26(36): p.

37152-37161. 环境科学与生态学

871、Wang, M.R., et al., Recent recovery of the boreal spring sensible heating over the Tibetan Plateau will continue in CMIP6 future projections. *Environmental Research Letters*, 2019. 14(12): p. 9. 环境科学与生态学

872、Sahu, S.K., et al., Health risk associated with potential source regions of PM_{2.5} in Indian cities. *Air Quality Atmosphere and Health*, 2019. 12(3): p. 327-340. 环境科学与生态学

873、Tang, D.C., Y. Zhang, and B.J. Bethel, An Analysis of Disparities and Driving Factors of Carbon Emissions in the Yangtze River Economic Belt. *Sustainability*, 2019. 11(8): p. 13. 环境科学与生态学

874、Cheng, Y., et al., Size-segregated emission factors and health risks of PAHs from residential coal flaming/smoldering combustion. *Environmental Science and Pollution Research*, 2019. 26(31): p. 31793-31803. 环境科学与生态学

875、Sun, D.Y., et al., Remote sensing of spatial and temporal patterns of phytoplankton assemblages in the Bohai Sea, Yellow Sea, and east China sea. *Water Research*, 2019. 157: p. 119-133. 环境科学与生态学

876、Peng, J.L., et al., Ozone exposure- and flux-yield response relationships for maize. *Environmental Pollution*, 2019. 252: p. 1-7. 环境科学与生态学

877、Zhu, Q., et al., Merging multi-source precipitation products or merging their simulated hydrological flows to improve streamflow simulation. *Hydrological Sciences Journal-Journal Des Sciences Hydrologiques*, 2019. 64(8): p. 910-920. 环境科学与生态学

878、Yu, H., et al., Decomposition efficiency and aerosol by-products of toluene, ethyl acetate and acetone using dielectric barrier discharge technique. *Chemosphere*, 2019. 237: p. 9. 环境科学与生态学

879、Zhang, H., et al., Annual methane emissions from degraded alpine wetlands in the eastern Tibetan Plateau. *Science of the Total Environment*, 2019. 657: p. 1323-1333. 环境科学与生态学

880、Liu, P.P., et al., Acid-extractable heavy metals in PM_{2.5} over Xi'an, China: seasonal distribution and meteorological influence. *Environmental Science and Pollution Research*, 2019. 26(33): p. 34357-34367. 环境科学与生态学

881、Sun, Y.C., et al., Vertical migration from surface soils to groundwater and source appointment of polycyclic aromatic hydrocarbons in epikarst spring systems, southwest China. *Chemosphere*, 2019. 230: p. 616-627. 环境科学与生态学

882、Zhu, S.H., et al., The response of carbon stocks of drylands in Central Asia to changes of CO₂ and climate during past 35 years. *Science of the Total Environment*, 2019. 687: p. 330-340. 环境科学与生态学

883、Chu, H.J. and M. Bilal, PM_{2.5} mapping using integrated geographically temporally weighted regression (GTWR) and random sample consensus (RANSAC) models. *Environmental Science and Pollution Research*, 2019. 26(2): p. 1902-1910. 环境科学与生态学

884、Bhattarai, H., et al., Nitrogen Speciation and Isotopic Composition of Aerosols Collected at Himalayan Forest (3326 m a.s.l.): Seasonality, Sources, and Implications. *Environmental Science & Technology*, 2019. 53(21): p. 12247-12256. 环境科学与生态学

885、Chen, X., et al., Global Heat Wave Hazard Considering Humidity Effects during the 21st Century. *International Journal of Environmental Research and Public Health*, 2019. 16(9): p. 11. 环境科学与生态学

- 886、Qiao, Y.F., et al., Elevated CO₂ and temperature increase grain oil concentration but their impacts on grain yield differ between soybean and maize grown in a temperate region. *Science of the Total Environment*, 2019. 666: p. 405-413. 环境科学与生态学
- 887、Xiao, Y., et al., Assessing the trend of diabetes mellitus by analyzing metformin as a biomarker in wastewater. *Science of the Total Environment*, 2019. 688: p. 281-287. 环境科学与生态学
- 888、Cheng, Z.H., et al., Research on energy directed technical change in China's industry and its optimization of energy consumption pattern. *Journal of Environmental Management*, 2019. 250: p. 12. 环境科学与生态学
- 889、Zhu, J., et al., PM_{2.5} vertical variation during a fog episode in a rural area of the Yangtze River Delta, China. *Science of the Total Environment*, 2019. 685: p. 555-563. 环境科学与生态学
- 890、Yuan, Z.W., et al., Animal based diets and environment: Perspective from phosphorus flow quantifications of livestock and poultry raising in China. *Journal of Environmental Management*, 2019. 244: p. 199-207. 环境科学与生态学
- 891、Dai, L.L., et al., Increase of apoplastic ascorbate induced by ozone is insufficient to remove the negative effects in tobacco, soybean and poplar. *Environmental Pollution*, 2019. 245: p. 380-388. 环境科学与生态学
- 892、Zhou, Y., et al., Characteristics of the factors influencing transportation and accumulation processes during a persistent pollution event in the middle reaches of the Yangtze River, China. *Atmospheric Pollution Research*, 2019. 10(5): p. 1420-1434. 环境科学与生态学
- 893、Wang, H., et al., Tropical cyclone damages in Mainland China over 2005-2016: losses analysis and implications. *Environment Development and Sustainability*, 2019. 21(6): p. 3077-3092. 环境科学与生态学
- 894、Li, X., et al., Source contributions to poor atmospheric visibility in China. *Resources Conservation and Recycling*, 2019. 143: p. 167-177. 环境科学与生态学
- 895、Su, Y.X., et al., Quantifying the biophysical effects of forests on local air temperature using a novel three-layered land surface energy balance model. *Environment International*, 2019. 132: p. 13. 环境科学与生态学
- 896、Chen, K.Y., et al., Projected air quality and health benefits from future policy interventions in, India. *Resources Conservation and Recycling*, 2019. 142: p. 232-244. 环境科学与生态学
- 897、Shi, G.M., et al., Impact of Atmospheric Circulation and Meteorological Parameters on Wintertime Atmospheric Extinction in Chengdu and Chongqing of Southwest China during 2001-2016. *Aerosol and Air Quality Research*, 2019. 19(7): p. 1538-1554. 环境科学与生态学
- 898、Liu, X.Y., et al., Evaluation of particulate matter deposition in the human respiratory tract during winter in Nanjing using size and chemically resolved ambient measurements. *Air Quality Atmosphere and Health*, 2019. 12(5): p. 529-538. 环境科学与生态学
- 899、Zhu, Y.C., et al., Evaluation of Fengyun-3C Soil Moisture Products Using In-Situ Data from the Chinese Automatic Soil Moisture Observation Stations: A Case Study in Henan Province, China. *Water*, 2019. 11(2): p. 23. 环境科学与生态学
- 900、Wu, Z.P., et al., Deciphering the origins, composition and microbial fate of dissolved organic matter in agro-urban headwater streams. *Science of the Total Environment*, 2019. 659: p. 1484-1495. 环境科学与生态学
- 901、Qin, M.S., et al., Climatic Controls on Watershed Reference Evapotranspiration Varied during

- 1961-2012 in Southern China. *Journal of the American Water Resources Association*, 2019. 55(1): p. 189-208. 环境科学与生态学
- 902、Xu, G.J., et al., Year-round records of bulk aerosol composition over the Zhongshan Station, Coastal East Antarctica. *Air Quality Atmosphere and Health*, 2019. 12(3): p. 271-288. 环境科学与生态学
- 903、Yacoub, E. and G. Tayfur, Trend analysis of temperature and precipitation in Trarza region of Mauritania. *Journal of Water and Climate Change*, 2019. 10(3): p. 484-493. 环境科学与生态学
- 904、Liu, G.H., et al., Modelling leaf coloration dates over temperate China by considering effects of leafy season climate. *Ecological Modelling*, 2019. 394: p. 34-43. 环境科学与生态学
- 905、Xie, Y.Y., et al., Mapping daily PM_{2.5} at 500 m resolution over Beijing with improved hazy day performance. *Science of the Total Environment*, 2019. 659: p. 410-418. 环境科学与生态学
- 906、Shan, H.Y., J.L. Yang, and G. Wei, Industrial Symbiosis Systems: Promoting Carbon Emission Reduction Activities. *International Journal of Environmental Research and Public Health*, 2019. 16(7): p. 23. 环境科学与生态学
- 907、Daly, E., et al., Hydrological Spaces of Long-Term Catchment Water Balance. *Water Resources Research*, 2019. 55(12): p. 10747-10764. 环境科学与生态学
- 908、Yu, W.J., et al., Drought Assessment using GRACE Terrestrial Water Storage Deficit in Mongolia from 2002 to 2017. *Water*, 2019. 11(6): p. 14. 环境科学与生态学
- 909、Wei, R.F., et al., Characteristics of cadmium accumulation and isotope fractionation in higher plants. *Ecotoxicology and Environmental Safety*, 2019. 174: p. 1-11. 环境科学与生态学
- 910、Liu, C., et al., A severe fog-haze episode in Beijing-Tianjin-Hebei region: Characteristics, sources and impacts of boundary layer structure. *Atmospheric Pollution Research*, 2019. 10(4): p. 1190-1202. 环境科学与生态学
- 911、Hu, J.L., et al., Using Chemical Transport Model Predictions To Improve Exposure Assessment of PM_{2.5} Constituents. *Environmental Science & Technology Letters*, 2019. 6(8): p. 456-461. 环境科学与生态学
- 912、Zhao, X.J., J. Rao, and J.Y. Mao, The salient differences in China summer rainfall response to ENSO: phases, intensities and flavors. *Climate Research*, 2019. 78(1): p. 51-67. 环境科学与生态学
- 913、Zhang, Y.F., et al., The Instability of Deep-water Sideband Perturbation Wave Trains. *Journal of Coastal Research*, 2019: p. 10-14. 环境科学与生态学
- 914、Qiao, X., et al., Spatial-temporal variations and source contributions to forest ozone exposure in China. *Science of the Total Environment*, 2019. 674: p. 189-199. 环境科学与生态学
- 915、Khan, H.U.R., et al., Socio-economic and environmental factors influenced pro-poor growth process: new development triangle. *Environmental Science and Pollution Research*, 2019. 26(28): p. 29157-29172. 环境科学与生态学
- 916、Yang, Y.F., et al., Seasonal size distribution and mixing state of black carbon aerosols in a polluted urban environment of the Yangtze River Delta region, China. *Science of the Total Environment*, 2019. 654: p. 300-310. 环境科学与生态学
- 917、Chen, Q., et al., Seasonal characteristics and health risks of PM_{2.5}-bound organic pollutants in industrial and urban areas of a China megacity. *Journal of Environmental Management*, 2019. 245: p. 273-281. 环境科学与生态学
- 918、Tang, D.C., Z.J. Li, and B.J. Bethel, Relevance Analysis of Sustainable Development of China's

- Yangtze River Economic Belt Based on Spatial Structure. *International Journal of Environmental Research and Public Health*, 2019. 16(17): p. 16. 环境科学与生态学
- 919、Yang, M.G., et al., Phosphorus removal and recovery from fosfomycin pharmaceutical wastewater by the induced crystallization process. *Journal of Environmental Management*, 2019. 231: p. 207-212. 环境科学与生态学
- 920、Tian, X., et al., Multi-Scenario Model Predictive Control Based on Genetic Algorithms for Level Regulation of Open Water Systems under Ensemble Forecasts. *Water Resources Management*, 2019. 33(9): p. 3025-3040. 环境科学与生态学
- 921、Shen, X.J., et al., Long-term spatiotemporal variations of aerosol optical depth over Yellow and Bohai Sea. *Environmental Science and Pollution Research*, 2019. 26(8): p. 7969-7979. 环境科学与生态学
- 922、Habib, A., et al., Estimation and inter-comparison of dust aerosols based on MODIS, MISR and AERONET retrievals over Asian desert regions. *Journal of Environmental Sciences*, 2019. 76: p. 154-166. 环境科学与生态学
- 923、Wei, T., Q. Yan, and M.H. Ding, Distribution and temporal trends of temperature extremes over Antarctica. *Environmental Research Letters*, 2019. 14(8): p. 9. 环境科学与生态学
- 924、Yu, X.N., et al., Chemical and Optical Properties of Atmospheric Aerosols during the Polluted Periods in a Megacity in the Yangtze River Delta, China. *Aerosol and Air Quality Research*, 2019. 19(1): p. 103-117. 环境科学与生态学
- 925、Li, H.B., et al., Antagonistic Interactions between Arsenic, Lead, and Cadmium in the Mouse Gastrointestinal Tract and Their Influences on Metal Relative Bioavailability in Contaminated Soils. *Environmental Science & Technology*, 2019. 53(24): p. 14264-14272. 环境科学与生态学
- 926、Zhu, J., et al., Analysis of water vapor effects on aerosol properties and direct radiative forcing in China. *Science of the Total Environment*, 2019. 650: p. 257-266. 环境科学与生态学
- 927、Saitanis, C.J. and E. Agathokleous, Stress response and population dynamics: Is Allee effect hormesis? *Science of the Total Environment*, 2019. 682: p. 623-628. 环境科学与生态学
- 928、Li, J.N., et al., Spatial-temporal variability of submesoscale currents in the South China Sea. *Journal of Oceanology and Limnology*, 2019. 37(2): p. 474-485. 环境科学与生态学
- 929、Gao, Y.X., et al., Spatial and temporal distribution characteristics of different forms of inorganic nitrogen in three types of rivers around Lake Taihu, China. *Environmental Science and Pollution Research*, 2019. 26(7): p. 6898-6910. 环境科学与生态学
- 930、Zhao, Q.H., et al., Seasonal dependency of controlling factors on the phytoplankton production in Taihu Lake, China. *Journal of Environmental Sciences*, 2019. 76: p. 278-288. 环境科学与生态学
- 931、Ma, X.F., et al., Influences of 1.5 degrees C and 2.0 degrees C global warming scenarios on water use efficiency dynamics in the sandy areas of northern China. *Science of the Total Environment*, 2019. 664: p. 161-174. 环境科学与生态学
- 932、Zhang, J.Q., et al., In situ measurements and backward-trajectory analysis of high-concentration, fine-mode aerosols in the UTLS over the Tibetan Plateau. *Environmental Research Letters*, 2019. 14(12): p. 11. 环境科学与生态学
- 933、Huang, Q., et al., Controlled synthesis of Bi₂O₃/TiO₂ catalysts with mixed alcohols for the photocatalytic oxidation of HCHO. *Environmental Technology*, 2019. 40(15): p. 1937-1947. 环境科学与生态学
- 934、Lin, J.J., et al., Characteristics of organic nitrogen fractions in sediments of the water level

fluctuation zone in the tributary of the Yangtze River. *Science of the Total Environment*, 2019. 653: p. 327-333. 环境科学与生态学

935、Xiong, P.P., et al., A Novel Linear Time-Varying GM(1,N) Model for Forecasting Haze: A Case Study of Beijing, China. *Sustainability*, 2019. 11(14): p. 14. 环境科学与生态学

936、Wang, C., et al., The vertical migration and speciation of the Pb in the paddy soil: A case study of the Yangtze River Delta, China. *Environmental Research*, 2019. 179: p. 8. 环境科学与生态学

937、Shelton, S. and Z.H. Lin, Streamflow Variability in Mahaweli River Basin of Sri Lanka during 1990-2014 and Its Possible Mechanisms. *Water*, 2019. 11(12): p. 21. 环境科学与生态学

938、Ma, X.F., et al., Snow-Cover Area and Runoff Variation under Climate Change in the West Kunlun Mountains. *Water*, 2019. 11(11): p. 21. 环境科学与生态学

939、Zhang, R.W., et al., Projected Spatiotemporal Dynamics of Drought under Global Warming in Central Asia. *Sustainability*, 2019. 11(16): p. 19. 环境科学与生态学

940、Yang, P., et al., Production and uptake of dissolved carbon, nitrogen, and phosphorus in overlying water of aquaculture shrimp ponds in subtropical estuaries, China. *Environmental Science and Pollution Research*, 2019. 26(21): p. 21565-21578. 环境科学与生态学

941、Chen, J.B., et al., Indirect Economic Impact Incurred by Haze Pollution: An Econometric and Input-Output Joint Model. *International Journal of Environmental Research and Public Health*, 2019. 16(13): p. 14. 环境科学与生态学

942、Deshmukh, D.K., et al., High Loadings of Water-soluble Oxalic Acid and Related Compounds in PM_{2.5} Aerosols in Eastern Central India: Influence of Biomass Burning and Photochemical Processing. *Aerosol and Air Quality Research*, 2019. 19(12): p. 2625-2644. 环境科学与生态学

943、Liu, Z.Y., et al., Global divergent responses of primary productivity to water, energy, and CO₂. *Environmental Research Letters*, 2019. 14(12): p. 11. 环境科学与生态学

944、Nooni, I.K., et al., Evapotranspiration and its Components in the Nile River Basin Based on Long-Term Satellite Assimilation Product. *Water*, 2019. 11(7): p. 27. 环境科学与生态学

945、Karimi, N., et al., Evaluation and modification of SARA high-resolution AOD retrieval algorithm during high dust loading conditions over bright desert surfaces. *Atmospheric Pollution Research*, 2019. 10(4): p. 1005-1014. 环境科学与生态学

946、Yu, X.B., H. Chen, and C.L. Li, Evaluate Typhoon Disasters in 21st Century Maritime Silk Road by Super-Efficiency DEA. *International Journal of Environmental Research and Public Health*, 2019. 16(9): p. 10. 环境科学与生态学

947、Guo, J., et al., Design of Temperature Insurance Index and Risk Zonation for Single-Season Rice in Response to High-Temperature and Low-Temperature Damage: A Case Study of Jiangsu Province, China. *International Journal of Environmental Research and Public Health*, 2019. 16(7): p. 13. 环境科学与生态学

948、Cai, X., et al., Business Models of Distributed Solar Photovoltaic Power of China: The Business Model Canvas Perspective. *Sustainability*, 2019. 11(16): p. 27. 环境科学与生态学

949、Liu, C., et al., Aerosol Optical Properties over an Urban Site in Central China Determined Using Ground-based Sun Photometer Measurements. *Aerosol and Air Quality Research*, 2019. 19(3): p. 620-638. 环境科学与生态学

950、Li, K.B., et al., Urban Industrial Water Supply and Demand: System Dynamic Model and Simulation Based on Cobb-Douglas Function. *Sustainability*, 2019. 11(21): p. 18. 环境科学与生态学

态学

- 951、Zhang, M., et al., Methane flux dynamics in a submerged aquatic vegetation zone in a subtropical lake. *Science of the Total Environment*, 2019. 672: p. 400-409. 环境科学与生态学
- 952、Sun, R.L., et al., Influencing Factors of PM_{2.5} Pollution: Disaster Points of Meteorological Factors. *International Journal of Environmental Research and Public Health*, 2019. 16(20): p. 31. 环境科学与生态学
- 953、Zhang, X., et al., Improvement of MODIS cloud mask over severe polluted eastern China. *Science of the Total Environment*, 2019. 654: p. 345-355. 环境科学与生态学
- 954、Ji, H.B., et al., How have the characteristics of air quality in a typical large Chinese city changed between 2011 and 2017? *Air Quality Atmosphere and Health*, 2019. 12(4): p. 401-410. 环境科学与生态学
- 955、Zhao, L.T., et al., Forecasting Oil Price Volatility in the Era of Big Data: A Text Mining for VaR Approach. *Sustainability*, 2019. 11(14): p. 20. 环境科学与生态学
- 956、Han, S., et al., Female CEOs and Corporate Innovation Behaviors Research on the Regulating Effect of Gender Culture. *Sustainability*, 2019. 11(3): p. 22. 环境科学与生态学
- 957、Lv, X.M., Q.J. He, and G.S. Zhou, Contrasting responses of steppe *Stipa ssp.* to warming and precipitation variability. *Ecology and Evolution*, 2019. 9(16): p. 9061-9075. 环境科学与生态学
- 958、Yang, P., et al., Carbon dioxide dynamics from sediment, sediment-water interface and overlying water in the aquaculture shrimp ponds in subtropical estuaries, southeast China. *Journal of Environmental Management*, 2019. 236: p. 224-235. 环境科学与生态学
- 959、Sun, W., Y.F. Hou, and L.J. Guo, Analyzing and Forecasting Energy Consumption in China's Manufacturing Industry and Its Subindustries. *Sustainability*, 2019. 11(1): p. 26. 环境科学与生态学
- 960、Wang, Z.L., et al., The Role of Anthropogenic Aerosol Forcing in Interdecadal Variations of Summertime Upper-Tropospheric Temperature Over East Asia. *Earths Future*, 2019. 7(2): p. 136-150. 环境科学与生态学
- 961、Zhu, X.D. and L.F. Yu, The Impact of Warranty Efficiency of Remanufactured Products on Production Decisions and Green Growth Performance in Closed-Loop Supply Chain: Perspective of Consumer Behavior. *Sustainability*, 2019. 11(5): p. 24. 环境科学与生态学
- 962、Liu, S., et al., Study on CO data filtering approaches based on observations at two background stations in China. *Science of the Total Environment*, 2019. 691: p. 675-684. 环境科学与生态学
- 963、Shao, Z.J., et al., Spatiotemporal Variations of Indoor PM_{2.5} Concentrations in Nanjing, China. *International Journal of Environmental Research and Public Health*, 2019. 16(1): p. 17. 环境科学与生态学
- 964、Velarde, P., et al., Scenario-Based Hierarchical and Distributed MPC for Water Resources Management with Dynamical Uncertainty. *Water Resources Management*, 2019. 33(2): p. 677-696. 环境科学与生态学
- 965、Wu, J.P., et al., Redistribution characteristics of atmospheric precipitation in different spatial levels of Guangzhou urban typical forests in southern China. *Atmospheric Pollution Research*, 2019. 10(5): p. 1404-1411. 环境科学与生态学
- 966、Sun, R.X., et al., Polycyclic aromatic hydrocarbons in marine organisms from Mischief Reef in the South China sea: Implications for sources and human exposure. *Marine Pollution Bulletin*, 2019. 149: p. 7. 环境科学与生态学

- 967、Chen, X., et al., Nutrient inputs from the leaf decay of *Cynodon dactylon* (L.) Pers in the water level fluctuation zone of a Three Gorges tributary. *Science of the Total Environment*, 2019. 688: p. 718-723. 环境科学与生态学
- 968、He, L.Y. and L. Wang, Import Liberalization of Intermediates and Environment: Empirical Evidence from Chinese Manufacturing. *Sustainability*, 2019. 11(9): p. 15. 环境科学与生态学
- 969、Fang, X., et al., Impacts and uncertainties of climate/CO₂ change on net primary productivity in Xinjiang, China (2000-2014): A modelling approach. *Ecological Modelling*, 2019. 408: p. 10. 环境科学与生态学
- 970、Abro, M.I., et al., Hydrological appraisal of rainfall estimates from radar, satellite, raingauge and satellite-gauge combination on the Qinhuai River Basin, China. *Hydrological Sciences Journal-Journal Des Sciences Hydrologiques*, 2019. 64(16): p. 1957-1971. 环境科学与生态学
- 971、Wu, K., et al., Evolution and Assessment of the Atmospheric Composition in Hangzhou and its Surrounding Areas during the G20 Summit. *Aerosol and Air Quality Research*, 2019. 19(12): p. 2757-2769. 环境科学与生态学
- 972、Kogutenko, L., et al., Change in the Extent of Glaciers and Glacier Runoff in the Chinese Sector of the Ile River Basin between 1962 and 2012. *Water*, 2019. 11(8): p. 25. 环境科学与生态学
- 973、Ding, H., et al., The relationships between surface-column aerosol concentrations and meteorological factors observed at major cities in the Yangtze River Delta, China. *Environmental Science and Pollution Research*, 2019. 26(36): p. 36568-36588. 环境科学与生态学
- 974、Jia, M.W., et al., Regional Air Quality Forecast Using a Machine Learning Method and the WRF Model over the Yangtze River Delta, East China. *Aerosol and Air Quality Research*, 2019. 19(7): p. 1602-1613. 环境科学与生态学
- 975、Huang, J., et al., Quantifying the effect of temporal variability of agro-meteorological disasters on winter oilseed rape yield: a case study in Jiangsu province, southeast China. *Environmental Monitoring and Assessment*, 2019. 191(5): p. 12. 环境科学与生态学
- 976、Zhang, H.L., et al., Modeling Atmospheric Age Distribution of Elemental Carbon Using a Regional Age-Resolved Particle Representation Framework. *Environmental Science & Technology*, 2019. 53(1): p. 270-278. 环境科学与生态学
- 977、Zhou, Y., et al., Haze Influencing Factors: A Data Envelopment Analysis Approach. *International Journal of Environmental Research and Public Health*, 2019. 16(6): p. 16. 环境科学与生态学
- 978、Liang, J., et al., Evapotranspiration Characteristics Distinct to Mangrove Ecosystems Are Revealed by Multiple-Site Observations and a Modified Two-Source Model. *Water Resources Research*, 2019. 55(12): p. 11250-11273. 环境科学与生态学
- 979、Yang, B., Y.C. Ma, and Z.Q. Xiong, Effects of different composting strategies on methane, nitrous oxide, and carbon dioxide emissions and nutrient loss during small-scale anaerobic composting. *Environmental Science and Pollution Research*, 2019. 26(1): p. 446-455. 环境科学与生态学
- 980、Liang, Y., et al., Changes in the life-cycle parameters and glutathione-related antioxidant defense system of rotifer *Brachionus calyciflorus* under the combined stress of microcystin-LR and ammonia. *Aquatic Ecology*, 2020. 54(1): p. 243-256. 环境科学与生态学
- 981、You, G.Y., et al., The spatial-temporal distributions of controlling factors on vegetation

growth in Tibet Autonomous Region, Southwestern China. *Environmental Research Communications*, 2019. 1(9): p. 12. 环境科学与生态学

982、Li, C., et al., Relationships between Ecosystem Services and Urbanization in Jiangsu Province, Eastern China. *Sustainability*, 2019. 11(7): p. 13. 环境科学与生态学

983、Zhen, X.L., et al., PAHs in road dust of Nanjing Chemical Industry Park, China: chemical composition, sources, and risk assessment. *Journal of Environmental Science and Health Part a-Toxic/Hazardous Substances & Environmental Engineering*, 2020. 55(1): p. 33-43. 环境科学与生态学

984、Yang, J.L. and H.Y. Shan, Identifying Driving Factors of Jiangsu's Regional Sulfur Dioxide Emissions: A Generalized Divisia Index Method. *International Journal of Environmental Research and Public Health*, 2019. 16(20): p. 20. 环境科学与生态学

985、Wang, Y.Y., et al., Effect of Warming and Elevated O₃ Concentration on CO₂ Emissions in a Wheat-Soybean Rotation Cropland. *International Journal of Environmental Research and Public Health*, 2019. 16(10): p. 19. 环境科学与生态学

986、Niu, S.P., et al., Characteristics of particle size distribution and related contaminants of highway-deposited sediment, Maanshan City, China. *Environmental Geochemistry and Health*, 2019. 41(6): p. 2697-2708. 环境科学与生态学

987、Zhu, X.D., L.F. Yu, and W. Li, Warranty Period Decision and Coordination in Closed-Loop Supply Chains Considering Remanufacturing and Consumer Behavior. *Sustainability*, 2019. 11(15): p. 26. 环境科学与生态学

988、Chen, S.T. and J. Wu, The sensitivity of soil microbial respiration declined due to crop straw addition but did not depend on the type of crop straw. *Environmental Science and Pollution Research*, 2019. 26(29): p. 30167-30176. 环境科学与生态学

989、Sun, L.Y., et al., The combined effects of nitrogen fertilizer, humic acid, and gypsum on yield-scaled greenhouse gas emissions from a coastal saline rice field. *Environmental Science and Pollution Research*, 2019. 26(19): p. 19502-19511. 环境科学与生态学

990、Liu, X.M., et al., Particulate Matter Exposure History Affects Antioxidant Defense Response of Mouse Lung to Haze Episodes. *Environmental Science & Technology*, 2019. 53(16): p. 9789-9799. 环境科学与生态学

991、Chen, J.B., et al., PM_{2.5} Pollution and Inhibitory Effects on Industry Development: A Bidirectional Correlation Effect Mechanism. *International Journal of Environmental Research and Public Health*, 2019. 16(7): p. 21. 环境科学与生态学

992、Shi, S.S., et al., Characterization of aerosol size distributions and chemical compositions under strong wind and stagnant conditions during haze episodes in Lin'an, China. *Air Quality Atmosphere and Health*, 2019. 12(12): p. 1469-1481. 环境科学与生态学

993、Zhao, Y., et al., Calibrating a Hydrological Model by Stratifying Frozen Ground Types and Seasons in a Cold Alpine Basin. *Water*, 2019. 11(5): p. 20. 环境科学与生态学

994、Huang, L.D., et al., Assessing Space, Time, and Remediation Contribution to Soil Pollutant Variation near the Detection Limit Using Hurdle Models to Account for a Large Proportion of Nondetectable Results. *Environmental Science & Technology*, 2019. 53(12): p. 6824-6833. 环境科学与生态学

995、Zhang, W., et al., Arsenic Bioaccumulation and Biotransformation in Clams (*Asaphis violascens*) Exposed to Inorganic Arsenic: Effects of Species and Concentrations. *Bulletin of Environmental Contamination and Toxicology*, 2019. 103(1): p. 114-119. 环境科学与生态学

- 996、Ma, L., et al., Analysis of Raindrop Size Distribution Characteristics in Permafrost Regions of the Qinghai-Tibet Plateau Based on New Quality Control Scheme. *Water*, 2019. 11(11): p. 20. 环境科学与生态学
- 997、Zhu, X.C., et al., A dynamic impact assessment method for rainstorm waterlogging using land-use data. *Journal of Integrative Environmental Sciences*, 2019. 16(1): p. 163-190. 环境科学与生态学
- 998、Tian, Y. and J.F. Miao, A Numerical Study of Mountain-Plain Breeze Circulation in Eastern Chengdu, China. *Sustainability*, 2019. 11(10): p. 20. 环境科学与生态学
- 999、Han, S., et al., Why Do Companies Choose Female CEOs? *Sustainability*, 2019. 11(15): p. 36. 环境科学与生态学
- 1000、Yu, Y., et al., Statistical analysis of intensity variations in tropical cyclones in the East China Sea passing over the Kuroshio. *Journal of Oceanology and Limnology*, 2020. 38(6): p. 1632-1639. 环境科学与生态学
- 1001、Wang, Y.W., et al., Simulation of the Surface Energy Flux and Thermal Stratification of Lake Taihu with Three 1-D Models. *Water*, 2019. 11(5): p. 16. 环境科学与生态学
- 1002、Cao, G.Z., et al., Seasonal Characteristics of the Chemical Composition of Fine Particles in Residences of Nanjing, China. *International Journal of Environmental Research and Public Health*, 2019. 16(6): p. 15. 环境科学与生态学
- 1003、Li, Y.Q., et al., Reactive oxygen species induced by personal exposure to fine particulate matter emitted from solid fuel combustion in rural Guanzhong Basin, northwestern China. *Air Quality Atmosphere and Health*, 2019. 12(11): p. 1323-1333. 环境科学与生态学
- 1004、Wang, J.J., et al., Quantification of eco-compensations based on a bidirectional compensation scheme in a water environment: a case study in the Jiangsu Province, China. *Water Policy*, 2019. 21(6): p. 1162-1174. 环境科学与生态学
- 1005、Xu, J.X., et al., Estimating stomatal conductance and partitioning total ozone uptake over a winter wheat field. *Atmospheric Pollution Research*, 2019. 10(3): p. 904-912. 环境科学与生态学
- 1006、Li, R.Y., et al., Effects of Silicon Application on Uptake of Arsenic and Phosphorus and Formation of Iron Plaque in Rice Seedlings Grown in an Arsenic-Contaminated Soil. *Bulletin of Environmental Contamination and Toxicology*, 2019. 103(1): p. 133-139. 环境科学与生态学
- 1007、Chen, Z.J. and W.J. Liu, Dynamical behavior of fractional-order energy-saving and emission-reduction system and its discretization. *Natural Resource Modeling*, 2019. 32(2): p. 21. 环境科学与生态学
- 1008、Liu, J.W., et al., Distinctive Evolutions of Eurasian Warming and Extreme Events Before and After Global Warming Would Stabilize at 1.5 degrees C. *Earths Future*, 2019. 7(2): p. 151-161. 环境科学与生态学
- 1009、Yang, B., et al., Cleaner Production Technologies Increased Economic Benefits and Greenhouse Gas Intensity in an Eco-Rice System in China. *Sustainability*, 2019. 11(24): p. 14. 环境科学与生态学
- 1010、Bi, S.B., et al., Characteristics and comparative analysis of the reconstructed drought/flood grade sequence of eastern Northwest China from 1470 to 1912. *Environmental Earth Sciences*, 2019. 78(24): p. 20. 环境科学与生态学
- 1011、Jing, Z.H., et al., Application of the Simple Biosphere Model 2 (SiB2) with Irrigation Module to a Typical Low-Hilly Red Soil Farmland and the Sensitivity Analysis of Modeled Energy Fluxes in

- Southern China. *Water*, 2019. 11(6): p. 18. 环境科学与生态学
- 1012、Wang, S., et al., A DFT/TDDFT study on the mechanisms of direct and indirect photodegradation of tetrabromobisphenol A in water. *Chemosphere*, 2019. 220: p. 40-46. 环境科学与生态学
- 1013、Xu, J.C., et al., Water Environment Random Evaluation Model based on the improved TOPSIS method and Bayesian Theory and its Application. *Water Resources*, 2019. 46(3): p. 344-352. 环境科学与生态学
- 1014、Shi, J., et al., Pb²⁺ adsorption on TiO₂@HF-waste building bricks: Kinetics, thermodynamics, and mechanisms. *Water Environment Research*, 2019. 91(8): p. 788-796. 环境科学与生态学
- 1015、Chen, K.Y., et al., PM_{2.5} Pollution: Health and Economic Effect Assessment Based on a Recursive Dynamic Computable General Equilibrium Model. *International Journal of Environmental Research and Public Health*, 2019. 16(24): p. 17. 环境科学与生态学
- 1016、Sheng, J.C., W.Z. Tang, and B.Z. Zhu, Incentivizing REDD plus : The role of cost-sharing mechanisms in encouraging stakeholders to reduce emissions from deforestation and degradation. *Ecosystem Services*, 2019. 40: p. 10. 环境科学与生态学
- 1017、Zhang, W., et al., High-efficiency treatment of PTA wastewater using a biogas jet assisted anaerobic fluidized bed reactor. *Environmental Technology*, 2019. 40(12): p. 1534-1542. 环境科学与生态学
- 1018、Cai, M., et al., Factor Analysis of the Prediction of the Postpartum Depression Screening Scale. *International Journal of Environmental Research and Public Health*, 2019. 16(24): p. 13. 环境科学与生态学
- 1019、Huang, Q., et al., Enhanced performance of alkali-modified Bi₂WO₆/Bi_{0.15}Ti_{0.85}O₂ toward photocatalytic oxidation of HCHO under visible light. *Environmental Science and Pollution Research*, 2019. 26(10): p. 9672-9685. 环境科学与生态学
- 1020、Yuan, L., et al., Aerosol optical properties and the mixing state of black carbon at a background mountainous site in Eastern China. *Journal of Environmental Sciences*, 2019. 83: p. 21-38. 环境科学与生态学
- 1021、Wang, C.Y., X.M. Jiao, and G. Liu, A toxic effect at molecular level can be expressed at community level: A case study on toxic hierarchy. *Science of the Total Environment*, 2019. 693: p. 10. 环境科学与生态学
- 1022、Li, K.B., et al., Urban Comprehensive Water Consumption: Nonlinear Control of Production Factor Input Based upon the C-D Function. *Sustainability*, 2019. 11(4): p. 19. 环境科学与生态学
- 1023、Li, Y.L., et al., The Value of El Nino-Southern Oscillation Forecasts to China's Agriculture. *Sustainability*, 2019. 11(15): p. 23. 环境科学与生态学
- 1024、Li, C., R.H. Wang, and M.L. Tan, Spatio-Temporal Changes in Vegetation Net Primary Productivity and Its Responses to Climatic Factors in Jiangsu Province, Eastern China. *Sains Malaysiana*, 2019. 48(11): p. 2317-2324. 环境科学与生态学
- 1025、Wu, X.H., et al., Relationship Among Public Cognition, Perceived Value, and Meteorological Service Satisfaction. *Tropical Conservation Science*, 2019. 12: p. 12. 环境科学与生态学
- 1026、Yu, Y., Influence of Sea-Air Interaction in the South China Sea on the Formation of Tropical Cyclones Based on Individual Case Diagnosis. *Journal of Coastal Research*, 2019: p. 163-166. 环境科学与生态学
- 1027、Li, Y.X., et al., Effect of earthworm and loach on *Typha augustifolia* aboveground and root

litter residue in an integrated vertical subsurface flow constructed wetland. *Wetlands Ecology and Management*, 2019. 27(2-3): p. 393-404. 环境科学与生态学

1028、Feng, P.H., D.Y. Sun, and Z.W. Gong, A Case Study of Pyramid Scheme Finance Flow Network Based on Social Network Analysis. *Sustainability*, 2019. 11(16): p. 12. 环境科学与生态学

1029、Jin, H.Y., et al., Spatially Explicit Modeling of Coupled Water and Carbon Processes Using a Distributed Ecohydrological Model in the Upper Heihe Watershed, China. *Water*, 2019. 11(6): p. 17. 环境科学与生态学

1030、Zhang, G.X., et al., Influence of cloud cover on the relationship between the sky view factor and nocturnal urban heat islands. *Climate Research*, 2019. 79(2): p. 127-137. 环境科学与生态学

1031、Ma, Y., et al., Evolution in physiochemical and cloud condensation nuclei activation properties of crop residue burning particles during photochemical aging. *Journal of Environmental Sciences*, 2019. 77: p. 43-53. 环境科学与生态学

1032、Zhang, L., et al., Assessing multi-risk characteristics of heat and cold stress for rice across the southern parts of China. *International Journal of Biometeorology*, 2019. 63(12): p. 1597-1609. 环境科学与生态学

1033、Li, K., et al., Anthropogenic drivers of 2013-2017 trends in summer surface ozone in China. *Proceedings of the National Academy of Sciences of the United States of America*, 2019. 116(2): p. 422-427. 地球科学

1034、Zhou, D.C., et al., Satellite Remote Sensing of Surface Urban Heat Islands: Progress, Challenges, and Perspectives. *Remote Sensing*, 2019. 11(1): p. 36. 地球科学

1035、Li, K., et al., A two-pollutant strategy for improving ozone and particulate air quality in China. *Nature Geoscience*, 2019. 12(11): p. 906-+. 地球科学

1036、Ham, Y.G., J.H. Kim, and J.J. Luo, Deep learning for multi-year ENSO forecasts. *Nature*, 2019. 573(7775): p. 568-+. 地球科学

1037、Zhai, S.X., et al., Fine particulate matter (PM_{2.5}) trends in China, 2013-2018: separating contributions from anthropogenic emissions and meteorology. *Atmospheric Chemistry and Physics*, 2019. 19(16): p. 11031-11041. 地球科学

1038、Cai, W.J., et al., Pantropical climate interactions. *Science*, 2019. 363(6430): p. 944-+. 地球科学

1039、Hang, R.L., et al., Cascaded Recurrent Neural Networks for Hyperspectral Image Classification. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(8): p. 5384-5394. 地球科学

1040、Peng, D.F., Y.J. Zhang, and H.Y. Guan, End-to-End Change Detection for High Resolution Satellite Images Using Improved UNet plus. *Remote Sensing*, 2019. 11(11): p. 23. 地球科学

1041、Knutson, T., et al., Tropical Cyclones and Climate Change Assessment: Part I: Detection and Attribution. *Bulletin of the American Meteorological Society*, 2019. 100(10): p. 1987-2007. 地球科学

1042、Kang, S.C., et al., Linking atmospheric pollution to cryospheric change in the Third Pole region: current progress and future prospects. *National Science Review*, 2019. 6(4): p. 796-809. 地球科学

1043、Wang, B., et al., Historical change of El Nino properties sheds light on future changes of extreme El Nino. *Proceedings of the National Academy of Sciences of the United States of America*, 2019. 116(45): p. 22512-22517. 地球科学

- 1044、Li, Z.Q., et al., East Asian Study of Tropospheric Aerosols and their Impact on Regional Clouds, Precipitation, and Climate (EAST-AIR(CPC)). *Journal of Geophysical Research-Atmospheres*, 2019. 124(23): p. 13026-13054. 地球科学
- 1045、Yuan, X., et al., Anthropogenic shift towards higher risk of flash drought over China. *Nature Communications*, 2019. 10: p. 8. 地球科学
- 1046、Xu, W.Q., et al., Changes in Aerosol Chemistry From 2014 to 2016 in Winter in Beijing: Insights From High-Resolution Aerosol Mass Spectrometry. *Journal of Geophysical Research-Atmospheres*, 2019. 124(2): p. 1132-1147. 地球科学
- 1047、Wang, X., et al., The role of chlorine in global tropospheric chemistry. *Atmospheric Chemistry and Physics*, 2019. 19(6): p. 3981-4003. 地球科学
- 1048、Al-Yaari, A., et al., Assessment and inter-comparison of recently developed/reprocessed microwave satellite soil moisture products using ISMN ground-based measurements. *Remote Sensing of Environment*, 2019. 224: p. 289-303. 地球科学
- 1049、Che, H.Z., et al., Large contribution of meteorological factors to inter-decadal changes in regional aerosol optical depth. *Atmospheric Chemistry and Physics*, 2019. 19(16): p. 10497-10523. 地球科学
- 1050、Ma, Z.W., et al., Effects of air pollution control policies on PM_{2.5} pollution improvement in China from 2005 to 2017: a satellite-based perspective. *Atmospheric Chemistry and Physics*, 2019. 19(10): p. 6861-6877. 地球科学
- 1051、Wu, M.W., et al., Observed Link of Extreme Hourly Precipitation Changes to Urbanization over Coastal South China. *Journal of Applied Meteorology and Climatology*, 2019. 58(8): p. 1799-1819. 地球科学
- 1052、Zhang, L., et al., A modelling study of the terrain effects on haze pollution in the Sichuan Basin. *Atmospheric Environment*, 2019. 196: p. 77-85. 地球科学
- 1053、Zhong, J.T., et al., The two-way feedback mechanism between unfavorable meteorological conditions and cumulative aerosol pollution in various haze regions of China. *Atmospheric Chemistry and Physics*, 2019. 19(5): p. 3287-3306. 地球科学
- 1054、Che, H.Z., et al., Spatial distribution of aerosol microphysical and optical properties and direct radiative effect from the China Aerosol Remote Sensing Network. *Atmospheric Chemistry and Physics*, 2019. 19(18): p. 11843-11864. 地球科学
- 1055、Dang, R.J. and H. Liao, Severe winter haze days in the Beijing-Tianjin-Hebei region from 1985 to 2017 and the roles of anthropogenic emissions and meteorology. *Atmospheric Chemistry and Physics*, 2019. 19(16): p. 10801-10816. 地球科学
- 1056、Zhao, H.K. and C.Z. Wang, On the relationship between ENSO and tropical cyclones in the western North Pacific during the boreal summer. *Climate Dynamics*, 2019. 52(1-2): p. 275-288. 地球科学
- 1057、Wang, B., G.S. Chen, and F. Liu, Diversity of the Madden-Julian Oscillation. *Science Advances*, 2019. 5(7): p. 8. 地球科学
- 1058、Wang, J.F., et al., Characterization of black carbon-containing fine particles in Beijing during wintertime. *Atmospheric Chemistry and Physics*, 2019. 19(1): p. 447-458. 地球科学
- 1059、Kang, H.Q., et al., Potential impacts of cold frontal passage on air quality over the Yangtze River Delta, China. *Atmospheric Chemistry and Physics*, 2019. 19(6): p. 3673-3685. 地球科学
- 1060、Liu, D.T., et al., Contrasting physical properties of black carbon in urban Beijing between winter and summer. *Atmospheric Chemistry and Physics*, 2019. 19(10): p. 6749-6769. 地球科学

- 1061、Rao, J., et al., The 2019 New Year Stratospheric Sudden Warming and Its Real-Time Predictions in Multiple S2S Models. *Journal of Geophysical Research-Atmospheres*, 2019. 124(21): p. 11155-11174. 地球科学
- 1062、Xie, C.H., et al., Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. *Atmospheric Chemistry and Physics*, 2019. 19(1): p. 165-179. 地球科学
- 1063、Min, M., et al., Estimating Summertime Precipitation from Himawari-8 and Global Forecast System Based on Machine Learning. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(5): p. 2557-2570. 地球科学
- 1064、Gong, C. and H. Liao, A typical weather pattern for ozone pollution events in North China. *Atmospheric Chemistry and Physics*, 2019. 19(22): p. 13725-13740. 地球科学
- 1065、Ongoma, V., H.S. Chen, and C.J. Gao, Evaluation of CMIP5 twentieth century rainfall simulation over the equatorial East Africa. *Theoretical and Applied Climatology*, 2019. 135(3-4): p. 893-910. 地球科学
- 1066、Sun, E.W., et al., Variation in MERRA-2 aerosol optical depth and absorption aerosol optical depth over China from 1980 to 2017. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 186: p. 8-19. 地球科学
- 1067、De Santis, A., et al., Precursory worldwide signatures of earthquake occurrences on Swarm satellite data. *Scientific Reports*, 2019. 9: p. 13. 地球科学
- 1068、Duan, W.L., et al., Evaluation and Future Projection of Chinese Precipitation Extremes Using Large Ensemble High-Resolution Climate Simulations. *Journal of Climate*, 2019. 32(8): p. 2169-2183. 地球科学
- 1069、Sun, X.B., et al., Global diurnal temperature range (DTR) changes since 1901. *Climate Dynamics*, 2019. 52(5-6): p. 3343-3356. 地球科学
- 1070、Hua, W.J., et al., Assessing reanalysis data for understanding rainfall climatology and variability over Central Equatorial Africa. *Climate Dynamics*, 2019. 53(1-2): p. 651-669. 地球科学
- 1071、Wang, H., et al., The impacts of the meteorology features on PM2.5 levels during a severe haze episode in central-east China. *Atmospheric Environment*, 2019. 197: p. 177-189. 地球科学
- 1072、Shen, R.P., et al., Construction of a drought monitoring model using deep learning based on multi-source remote sensing data. *International Journal of Applied Earth Observation and Geoinformation*, 2019. 79: p. 48-57. 地球科学
- 1073、Zhang, Y.H., et al., Debris Flow Susceptibility Mapping Using Machine-Learning Techniques in Shigatse Area, China. *Remote Sensing*, 2019. 11(23): p. 26. 地球科学
- 1074、Xie, M.J., et al., Composition and light absorption of N-containing aromatic compounds in organic aerosols from laboratory biomass burning. *Atmospheric Chemistry and Physics*, 2019. 19(5): p. 2899-2915. 地球科学
- 1075、Ullah, W., et al., Comparing Multiple Precipitation Products against In-Situ Observations over Different Climate Regions of Pakistan. *Remote Sensing*, 2019. 11(6): p. 25. 地球科学
- 1076、Shen, L., et al., An evaluation of the ability of the Ozone Monitoring Instrument (OMI) to observe boundary layer ozone pollution across China: application to 2005-2017 ozone trends. *Atmospheric Chemistry and Physics*, 2019. 19(9): p. 6551-6560. 地球科学
- 1077、Zheng, H., et al., The impacts of pollution control measures on PM2.5 reduction: Insights of

chemical composition, source variation and health risk. *Atmospheric Environment*, 2019. 197: p. 103-117. 地球科学

1078、Dang, R.J. and H. Liao, Radiative Forcing and Health Impact of Aerosols and Ozone in China as the Consequence of Clean Air Actions over 2012-2017. *Geophysical Research Letters*, 2019. 46(21): p. 12511-12519. 地球科学

1079、Shen, L., et al., The 2005-2016 Trends of Formaldehyde Columns Over China Observed by Satellites: Increasing Anthropogenic Emissions of Volatile Organic Compounds and Decreasing Agricultural Fire Emissions. *Geophysical Research Letters*, 2019. 46(8): p. 4468-4475. 地球科学

1080、Ullah, S., et al., Observed changes in maximum and minimum temperatures over China-Pakistan economic corridor during 1980-2016. *Atmospheric Research*, 2019. 216: p. 37-51. 地球科学

1081、Chan, K.L., et al., MAX-DOAS measurements of tropospheric NO₂ and HCHO in Nanjing and a comparison to ozone monitoring instrument observations. *Atmospheric Chemistry and Physics*, 2019. 19(15): p. 10051-10071. 地球科学

1082、Yang, Y.J., et al., Characteristics of Heavy Particulate Matter Pollution Events Over Hong Kong and Their Relationships With Vertical Wind Profiles Using High-Time-Resolution Doppler Lidar Measurements. *Journal of Geophysical Research-Atmospheres*, 2019. 124(16): p. 9609-9623. 地球科学

1083、Arndt, D.S., et al., State of the Climate in 2018. *Bulletin of the American Meteorological Society*, 2019. 100(9): p. S1-U24. 地球科学

1084、Zhang, W.J., et al., Impact of ENSO longitudinal position on teleconnections to the NAO. *Climate Dynamics*, 2019. 52(1-2): p. 257-274. 地球科学

1085、He, C., et al., Enhanced Latent Heating over the Tibetan Plateau as a Key to the Enhanced East Asian Summer Monsoon Circulation under a Warming Climate. *Journal of Climate*, 2019. 32(11): p. 3373-3388. 地球科学

1086、Li, X., et al., Concurrent droughts and hot extremes in northwest China from 1961 to 2017. *International Journal of Climatology*, 2019. 39(4): p. 2186-2196. 地球科学

1087、Rupakheti, D., et al., Aerosol optical depth climatology over Central Asian countries based on Aqua-MODIS Collection 6.1 data: Aerosol variations and sources. *Atmospheric Environment*, 2019. 207: p. 205-214. 地球科学

1088、Fang, X.W., S.Q. Luo, and S.H. Lyu, Observed soil temperature trends associated with climate change in the Tibetan Plateau, 1960-2014. *Theoretical and Applied Climatology*, 2019. 135(1-2): p. 169-181. 地球科学

1089、Huang, Y.J., et al., Mechanisms for a Record-Breaking Rainfall in the Coastal Metropolitan City of Guangzhou, China: Observation Analysis and Nested Very Large Eddy Simulation With the WRF Model. *Journal of Geophysical Research-Atmospheres*, 2019. 124(3): p. 1370-1391. 地球科学

1090、Chen, L., et al., MICS-Asia III: multi-model comparison and evaluation of aerosol over East Asia. *Atmospheric Chemistry and Physics*, 2019. 19(18): p. 11911-11937. 地球科学

1091、Ayugi, B., et al., Inter-comparison of remotely sensed precipitation datasets over Kenya during 1998-2016. *Atmospheric Research*, 2019. 225: p. 96-109. 地球科学

1092、Zhang, J., H.S. Chen, and Q. Zhang, Extreme drought in the recent two decades in northern China resulting from Eurasian warming. *Climate Dynamics*, 2019. 52(5-6): p. 2885-2902. 地球科学

- 1093、 Su, K., S. Jin, and M.M. Hoque, Evaluation of Ionospheric Delay Effects on Multi-GNSS Positioning Performance. *Remote Sensing*, 2019. 11(2): p. 19. 地球科学
- 1094、 Mouche, A., et al., Copolarized and Cross-Polarized SAR Measurements for High-Resolution Description of Major Hurricane Wind Structures: Application to Irma Category5 Hurricane. *Journal of Geophysical Research-Oceans*, 2019. 124(6): p. 3905-3922. 地球科学
- 1095、 Chen, L., et al., Assessing the formation and evolution mechanisms of severe haze pollution in the Beijing-Tianjin-Hebei region using process analysis. *Atmospheric Chemistry and Physics*, 2019. 19(16): p. 10845-10864. 地球科学
- 1096、 Zhou, F., et al., Pyramid Fully Convolutional Network for Hyperspectral and Multispectral Image Fusion. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(5): p. 1549-1558. 地球科学
- 1097、 Sun, Z., et al., Modeling permafrost changes on the Qinghai-Tibetan plateau from 1966 to 2100: A case study from two boreholes along the Qinghai-Tibet engineering corridor. *Permafrost and Periglacial Processes*, 2020. 31(1): p. 156-171. 地球科学
- 1098、 Zheng, H., et al., Intra-regional transport of black carbon between the south edge of the North China Plain and central China during winter haze episodes. *Atmospheric Chemistry and Physics*, 2019. 19(7): p. 4499-4516. 地球科学
- 1099、 Jia, Y., et al., GNSS-R Soil Moisture Retrieval Based on a XGboost Machine Learning Aided Method: Performance and Validation. *Remote Sensing*, 2019. 11(14): p. 25. 地球科学
- 1100、 Zhou, C.Y., P. Zhao, and J.M. Chen, The Interdecadal Change of Summer Water Vapor over the Tibetan Plateau and Associated Mechanisms. *Journal of Climate*, 2019. 32(13): p. 4103-4119. 地球科学
- 1101、 Kang, H.Q., et al., Natural and anthropogenic contributions to long-term variations of SO₂, NO₂, CO, and AOD over East China. *Atmospheric Research*, 2019. 215: p. 284-293. 地球科学
- 1102、 Yim, S.H.L., et al., Effect of Urbanization on Ozone and Resultant Health Effects in the Pearl River Delta Region of China. *Journal of Geophysical Research-Atmospheres*, 2019. 124(21): p. 11568-11579. 地球科学
- 1103、 Zhu, J., et al., Correlations between PM_{2.5} and Ozone over China and Associated Underlying Reasons. *Atmosphere*, 2019. 10(7): p. 15. 地球科学
- 1104、 Islam, A.T., et al., Assessing recent impacts of climate change on design water requirement of Boro rice season in Bangladesh. *Theoretical and Applied Climatology*, 2019. 138(1-2): p. 97-113. 地球科学
- 1105、 Sun, L., et al., Adjacent Superpixel-Based Multiscale Spatial-Spectral Kernel for Hyperspectral Classification. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(6): p. 1905-1919. 地球科学
- 1106、 Jing, A.K., et al., Source apportionment of black carbon in different seasons in the northern suburb of Nanjing, China. *Atmospheric Environment*, 2019. 201: p. 190-200. 地球科学
- 1107、 Liu, J.D., et al., Quantifying the impact of synoptic circulation patterns on ozone variability in northern China from April to October 2013-2017. *Atmospheric Chemistry and Physics*, 2019. 19(23): p. 14477-14492. 地球科学
- 1108、 Li, J., et al., Model evaluation and intercomparison of surface-level ozone and relevant species in East Asia in the context of MICS-Asia Phase III - Part 1: Overview. *Atmospheric Chemistry and Physics*, 2019. 19(20): p. 12993-13015. 地球科学
- 1109、 Liu, Y., et al., Understanding the Spatiotemporal Links Between Meteorological and

Hydrological Droughts From a Three-Dimensional Perspective. *Journal of Geophysical Research-Atmospheres*, 2019. 124(6): p. 3090-3109. 地球科学

1110、Wu, P., et al., The characteristics of moisture recycling and its impact on regional precipitation against the background of climate warming over Northwest China. *International Journal of Climatology*, 2019. 39(14): p. 5241-5255. 地球科学

1111、Guan, W.N., et al., Subseasonal zonal variability of the western Pacific subtropical high in summer: climate impacts and underlying mechanisms. *Climate Dynamics*, 2019. 53(5-6): p. 3325-3344. 地球科学

1112、Guo, D.L., et al., Revisiting Recent Elevation-Dependent Warming on the Tibetan Plateau Using Satellite-Based Data Sets. *Journal of Geophysical Research-Atmospheres*, 2019. 124(15): p. 8511-8521. 地球科学

1113、Li, H., et al., Relationship between the onset date of the Meiyu and the South Asian anticyclone in April and the related mechanisms. *Climate Dynamics*, 2019. 52(1-2): p. 209-226. 地球科学

1114、Teshome, A. and J. Zhang, Increase of Extreme Drought over Ethiopia under Climate Warming. *Advances in Meteorology*, 2019. 2019: p. 18. 地球科学

1115、Zhang, W.J., et al., A Nonstationary ENSO-NAO Relationship Due to AMO Modulation. *Journal of Climate*, 2019. 32(1): p. 33-43. 地球科学

1116、Zhang, Y.Q., et al., Short-term concurrent drought and heatwave frequency with 1.5 and 2.0 degrees C global warming in humid subtropical basins: a case study in the Gan River Basin, China. *Climate Dynamics*, 2019. 52(7-8): p. 4621-4641. 地球科学

1117、Zhao, J., et al., Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. *Journal of Geophysical Research-Atmospheres*, 2019. 124(17-18): p. 10248-10263. 地球科学

1118、Ullah, S., et al., Observed changes in temperature extremes over China-Pakistan Economic Corridor during 1980-2016. *International Journal of Climatology*, 2019. 39(3): p. 1457-1475. 地球科学

1119、Zhao, X.R., et al., Determination of the "Wave Turbopause" Using a Numerical Differentiation Method. *Journal of Geophysical Research-Atmospheres*, 2019. 124(20): p. 10592-10607. 地球科学

1120、Luan, T., et al., Below-Cloud Aerosol Scavenging by Different-Intensity Rains in Beijing City. *Journal of Meteorological Research*, 2019. 33(1): p. 126-137. 地球科学

1121、Bilal, M., et al., A Simplified and Robust Surface Reflectance Estimation Method (SREM) for Use over Diverse Land Surfaces Using Multi-Sensor Data. *Remote Sensing*, 2019. 11(11): p. 24. 地球科学

1122、Su, K. and S.G. Jin, Triple-frequency carrier phase precise time and frequency transfer models for BDS-3. *Gps Solutions*, 2019. 23(3): p. 12. 地球科学

1123、Zhong, W.G., Z.C. Yin, and H.J. Wang, The relationship between anticyclonic anomalies in northeastern Asia and severe haze in the Beijing-Tianjin-Hebei region. *Atmospheric Chemistry and Physics*, 2019. 19(9): p. 5941-5957. 地球科学

1124、Akhter, S., et al., Predicting spatiotemporal changes of channel morphology in the reach of Teesta River, Bangladesh using GIS and ARIMA modeling. *Quaternary International*, 2019. 513: p. 80-94. 地球科学

1125、Xie, C.H., et al., Light absorption enhancement of black carbon in urban Beijing in summer. *Atmospheric Environment*, 2019. 213: p. 499-504. 地球科学

- 1126、 Yu, H., et al., Iodine speciation and size distribution in ambient aerosols at a coastal new particle formation hotspot in China. *Atmospheric Chemistry and Physics*, 2019. 19(6): p. 4025-4039. 地球科学
- 1127、 Hou, X.W., et al., Inter-annual variability in fine particulate matter pollution over China during 2013-2018: Role of meteorology. *Atmospheric Environment*, 2019. 214: p. 10. 地球科学
- 1128、 Yang, Z.J., et al., Clarifying the hydrological mechanisms and thresholds for rainfall-induced landslide: in situ monitoring of big data to unsaturated slope stability analysis. *Bulletin of Engineering Geology and the Environment*, 2019. 78(4): p. 2139-2150. 地球科学
- 1129、 Qiao, X., et al., Local and regional contributions to fine particulate matter in the 18 cities of Sichuan Basin, southwestern China. *Atmospheric Chemistry and Physics*, 2019. 19(9): p. 5791-5803. 地球科学
- 1130、 Park, J.H. and T. Li, Interdecadal modulation of El Nino-tropical North Atlantic teleconnection by the Atlantic multi-decadal oscillation. *Climate Dynamics*, 2019. 52(9-10): p. 5345-5360. 地球科学
- 1131、 Feng, Z.Z., et al., Impacts of current ozone pollution on wheat yield in China as estimated with observed ozone, meteorology and day of flowering. *Atmospheric Environment*, 2019. 217: p. 10. 地球科学
- 1132、 Li, H.X., et al., Efficient Lidar Signal Denoising Algorithm Using Variational Mode Decomposition Combined with a Whale Optimization Algorithm. *Remote Sensing*, 2019. 11(2): p. 15. 地球科学
- 1133、 Ming, S.G., W.K. Wang, and S.G. Jin, Variability of temperature and ozone in the upper troposphere and lower stratosphere from multi-satellite observations and reanalysis data. *Atmospheric Chemistry and Physics*, 2019. 19(10): p. 6659-6679. 地球科学
- 1134、 Polong, F., et al., Temporal and spatial evolution of the standard precipitation evapotranspiration index (SPEI) in the Tana River Basin, Kenya. *Theoretical and Applied Climatology*, 2019. 138(1-2): p. 777-792. 地球科学
- 1135、 Sun, W.J., et al., Statistical Characteristics of Cyclonic Warm-Core Eddies and Anticyclonic Cold-Core Eddies in the North Pacific Based on Remote Sensing Data. *Remote Sensing*, 2019. 11(2): p. 22. 地球科学
- 1136、 Xu, G.J., et al., Oceanic Eddy Identification Using an AI Scheme. *Remote Sensing*, 2019. 11(11): p. 12. 地球科学
- 1137、 Bilal, M., et al., Evaluation of Terra-MODIS C6 and C6.1 Aerosol Products against Beijing, XiangHe, and Xinglong AERONET Sites in China during 2004-2014. *Remote Sensing*, 2019. 11(5): p. 16. 地球科学
- 1138、 Ge, J., Q.L. You, and Y.Q. Zhang, Effect of Tibetan Plateau heating on summer extreme precipitation in eastern China. *Atmospheric Research*, 2019. 218: p. 364-371. 地球科学
- 1139、 Wen, N., Z.Y. Liu, and L. Li, Direct ENSO impact on East Asian summer precipitation in the developing summer. *Climate Dynamics*, 2019. 52(11): p. 6799-6815. 地球科学
- 1140、 Xia, M., et al., Cloud/snow recognition for multispectral satellite imagery based on a multidimensional deep residual network. *International Journal of Remote Sensing*, 2019. 40(1): p. 156-170. 地球科学
- 1141、 Liu, X.Y., et al., Chemical and optical properties of carbonaceous aerosols in Nanjing, eastern China: regionally transported biomass burning contribution. *Atmospheric Chemistry and Physics*, 2019. 19(17): p. 11213-11233. 地球科学

- 1142、Wang, L.L., et al., Vertical observations of the atmospheric boundary layer structure over Beijing urban area during air pollution episodes. *Atmospheric Chemistry and Physics*, 2019. 19(10): p. 6949-6967. 地球科学
- 1143、Zhu, Q., et al., Satellite Soil Moisture for Agricultural Drought Monitoring: Assessment of SMAP-Derived Soil Water Deficit Index in Xiang River Basin, China. *Remote Sensing*, 2019. 11(3): p. 22. 地球科学
- 1144、Song, Z.J., et al., MODIS AOD sampling rate and its effect on PM_{2.5} estimation in North China. *Atmospheric Environment*, 2019. 209: p. 14-22. 地球科学
- 1145、Chen, S.L., et al., Improving ocean color data coverage through machine learning. *Remote Sensing of Environment*, 2019. 222: p. 286-302. 地球科学
- 1146、Sun, B. and H.J. Wang, Enhanced connections between summer precipitation over the Three-River-Source region of China and the global climate system. *Climate Dynamics*, 2019. 52(5-6): p. 3471-3488. 地球科学
- 1147、Santoso, A., et al., Dynamics and Predictability of El Nino-Southern Oscillation: An Australian Perspective on Progress and Challenges. *Bulletin of the American Meteorological Society*, 2019. 100(3): p. 403-422. 地球科学
- 1148、Liang, X.Z., et al., CWRF performance at downscaling China climate characteristics. *Climate Dynamics*, 2019. 52(3-4): p. 2159-2184. 地球科学
- 1149、Zhang, X.H., et al., A high-resolution inventory of air pollutant emissions from crop residue burning in China. *Atmospheric Environment*, 2019. 213: p. 207-214. 地球科学
- 1150、Wang, J., et al., Two pathways of how remote SST anomalies drive the interannual variability of autumnal haze days in the Beijing-Tianjin-Hebei region, China. *Atmospheric Chemistry and Physics*, 2019. 19(3): p. 1521-1535. 地球科学
- 1151、Tong, X.Y., et al., Trends of land surface phenology derived from passive microwave and optical remote sensing systems and associated drivers across the dry tropics 1992-2012. *Remote Sensing of Environment*, 2019. 232: p. 12. 地球科学
- 1152、Ren, H.L., J.Q. Zuo, and Y. Deng, Statistical predictability of Nino indices for two types of ENSO. *Climate Dynamics*, 2019. 52(9-10): p. 5361-5382. 地球科学
- 1153、Cao, B., et al., Permafrost zonation index map and statistics over the Qinghai-Tibet Plateau based on field evidence. *Permafrost and Periglacial Processes*, 2019. 30(3): p. 178-194. 地球科学
- 1154、Fan, M.Y., et al., Isotope-based source apportionment of nitrogen-containing aerosols: A case study in an industrial city in China. *Atmospheric Environment*, 2019. 212: p. 96-105. 地球科学
- 1155、Fu, Y., H. Liao, and Y. Yang, Interannual and Decadal Changes in Tropospheric Ozone in China and the Associated Chemistry-Climate Interactions: A Review. *Advances in Atmospheric Sciences*, 2019. 36(9): p. 975-993. 地球科学
- 1156、Liu, S.M., et al., Parallel Comparison of Major Sudden Stratospheric Warming Events in CESM1-WACCM and CESM2-WACCM. *Atmosphere*, 2019. 10(11): p. 23. 地球科学
- 1157、Meng, Y., et al., Characterization of inorganic ions in rainwater in the megacity of Shanghai: Spatiotemporal variations and source apportionment. *Atmospheric Research*, 2019. 222: p. 12-24. 地球科学
- 1158、Scussolini, P., et al., Agreement between reconstructed and modeled boreal precipitation of the Last Interglacial. *Science Advances*, 2019. 5(11): p. 11. 地球科学

- 1159、Sun, W.Y., et al., A "La Nina-like" state occurring in the second year after large tropical volcanic eruptions during the past 1500 years. *Climate Dynamics*, 2019. 52(12): p. 7495-7509. 地球科学
- 1160、Wang, C. and B. Wang, Tropical cyclone predictability shaped by western Pacific subtropical high: integration of trans-basin sea surface temperature effects. *Climate Dynamics*, 2019. 53(5-6): p. 2697-2714. 地球科学
- 1161、Wang, L.Y., H.B. Hu, and X.Q. Yang, The atmospheric responses to the intensity variability of subtropical front in the wintertime North Pacific. *Climate Dynamics*, 2019. 52(9-10): p. 5623-5639. 地球科学
- 1162、Wang, P., et al., Source apportionment of summertime ozone in China using a source-oriented chemical transport model. *Atmospheric Environment*, 2019. 211: p. 79-90. 地球科学
- 1163、Chen, Q.C., et al., Size-Resolved Characterization of the Chromophores in Atmospheric Particulate Matter From a Typical Coal-Burning City in China. *Journal of Geophysical Research-Atmospheres*, 2019. 124(19): p. 10546-10563. 地球科学
- 1164、Li, R., et al., Satellite-based prediction of daily SO₂ exposure across China using a high-quality random forest-spatiotemporal Kriging (RF-STK) model for health risk assessment. *Atmospheric Environment*, 2019. 208: p. 10-19. 地球科学
- 1165、You, Q.L., et al., Robust elevation dependency warming over the Tibetan Plateau under global warming of 1.5 degrees C and 2 degrees C. *Climate Dynamics*, 2019. 53(3-4): p. 2047-2060. 地球科学
- 1166、De Santis, A., et al., Magnetic Field and Electron Density Data Analysis from Swarm Satellites Searching for Ionospheric Effects by Great Earthquakes: 12 Case Studies from 2014 to 2016. *Atmosphere*, 2019. 10(7): p. 27. 地球科学
- 1167、Brasseur, G.P., et al., Ensemble forecasts of air quality in eastern China - Part 1: Model description and implementation of the MarcoPolo-Panda prediction system, version 1. *Geoscientific Model Development*, 2019. 12(1): p. 33-67. 地球科学
- 1168、He, C. and T. Li, Does global warming amplify interannual climate variability? *Climate Dynamics*, 2019. 52(5-6): p. 2667-2684. 地球科学
- 1169、Lai, R.Z., et al., Comparison of Cloud Properties from Himawari-8 and FengYun-4A Geostationary Satellite Radiometers with MODIS Cloud Retrievals. *Remote Sensing*, 2019. 11(14): p. 21. 地球科学
- 1170、Sun, C.X., et al., Changes in extreme temperature over China when global warming stabilized at 1.5 degrees C and 2.0 degrees C. *Scientific Reports*, 2019. 9: p. 11. 地球科学
- 1171、Dao, X., et al., Introduction to the National Aerosol Chemical Composition Monitoring Network of China: Objectives, Current Status, and Outlook. *Bulletin of the American Meteorological Society*, 2019. 100(12): p. ES337-ES351. 地球科学
- 1172、Yin, Z.C., B.F. Cao, and H.J. Wang, Dominant patterns of summer ozone pollution in eastern China and associated atmospheric circulations. *Atmospheric Chemistry and Physics*, 2019. 19(22): p. 13933-13943. 地球科学
- 1173、Sun, Y., et al., Contribution of Global warming and Urbanization to Changes in Temperature Extremes in Eastern China. *Geophysical Research Letters*, 2019. 46(20): p. 11426-11434. 地球科学
- 1174、Haque, M.M., et al., Characterization of organic aerosols from a Chinese megacity during

winter: predominance of fossil fuel combustion. *Atmospheric Chemistry and Physics*, 2019. 19(7): p. 5147-5164. 地球科学

1175、Boiyo, R., et al., A 10-Year Record of Aerosol Optical Properties and Radiative Forcing Over Three Environmentally Distinct AERONET Sites in Kenya, East Africa. *Journal of Geophysical Research-Atmospheres*, 2019. 124(3): p. 1596-1617. 地球科学

1176、Yu, Y.T., et al., Vehicle Detection From High-Resolution Remote Sensing Imagery Using Convolutional Capsule Networks. *Ieee Geoscience and Remote Sensing Letters*, 2019. 16(12): p. 1894-1898. 地球科学

1177、Wu, L.C., et al., Seasonal Levels, Sources, and Health Risks of Heavy Metals in Atmospheric PM_{2.5} from Four Functional Areas of Nanjing City, Eastern China. *Atmosphere*, 2019. 10(7): p. 12. 地球科学

1178、Zuo, J.Q., et al., Remote forcing of the northern tropical Atlantic SST anomalies on the western North Pacific anomalous anticyclone. *Climate Dynamics*, 2019. 52(5-6): p. 2837-2853. 地球科学

1179、Wen, S.S., et al., Population exposed to drought under the 1.5 degrees C and 2.0 degrees C warming in the Indus River Basin. *Atmospheric Research*, 2019. 218: p. 296-305. 地球科学

1180、Shi, H. and B. Wang, How does the Asian summer precipitation-ENSO relationship change over the past 544 years? *Climate Dynamics*, 2019. 52(7-8): p. 4583-4598. 地球科学

1181、Gao, Y.X., et al., Diagnosing Ocean Feedbacks to the BSISO: SST-Modulated Surface Fluxes and the Moist Static Energy Budget. *Journal of Geophysical Research-Atmospheres*, 2019. 124(1): p. 146-170. 地球科学

1182、Dong, J.Z., et al., A double instrumental variable method for geophysical product error estimation. *Remote Sensing of Environment*, 2019. 225: p. 217-228. 地球科学

1183、Liu, D., et al., Vertical Structures of Dust Aerosols over East Asia Based on CALIPSO Retrievals. *Remote Sensing*, 2019. 11(6): p. 14. 地球科学

1184、Ma, W., et al., Super-Resolution of Remote Sensing Images via a Dense Residual Generative Adversarial Network. *Remote Sensing*, 2019. 11(21): p. 24. 地球科学

1185、Fan, Q.C., et al., Ship Detection Using a Fully Convolutional Network with Compact Polarimetric SAR Images. *Remote Sensing*, 2019. 11(18): p. 15. 地球科学

1186、Li, Z.J., et al., Nitrate Isotopic Composition in Precipitation at a Chinese Megacity: Seasonal Variations, Atmospheric Processes, and Implications for Sources. *Earth and Space Science*, 2019. 6(11): p. 2200-2213. 地球科学

1187、Wang, Y.L., et al., Effects of urbanization and global climate change on regional climate in the Pearl River Delta and thermal comfort implications. *International Journal of Climatology*, 2019. 39(6): p. 2984-2997. 地球科学

1188、Xue, W.T., et al., Declining diurnal temperature range in the North China Plain related to environmental changes. *Climate Dynamics*, 2019. 52(9-10): p. 6109-6119. 地球科学

1189、Han, Z.Y., et al., Combined Dynamical and Statistical Downscaling for High-Resolution Projections of Multiple Climate Variables in the Beijing-Tianjin-Hebei Region of China. *Journal of Applied Meteorology and Climatology*, 2019. 58(11): p. 2387-2403. 地球科学

1190、Li, Y.C., et al., Collective impacts of biomass burning and synoptic weather on surface PM_{2.5} and CO in Northeast China. *Atmospheric Environment*, 2019. 213: p. 64-80. 地球科学

1191、Xu, G.J., et al., Chlorophyll Rings around Ocean Eddies in the North Pacific. *Scientific Reports*, 2019. 9: p. 8. 地球科学

- 1192、Sheng, Z.Z., et al., Aerosol vertical distribution and optical properties of different pollution events in Beijing in autumn 2017. *Atmospheric Research*, 2019. 215: p. 193-207. 地球科学
- 1193、Sun, E.W., et al., Variation in MERRA-2 aerosol optical depth over the Yangtze River Delta from 1980 to 2016. *Theoretical and Applied Climatology*, 2019. 136(1-2): p. 363-375. 地球科学
- 1194、He, B., et al., The role of air-sea interactions in regulating the thermal effect of the Tibetan-Iranian Plateau on the Asian summer monsoon. *Climate Dynamics*, 2019. 52(7-8): p. 4227-4245. 地球科学
- 1195、DeMott, C.A., et al., The Convection Connection: How Ocean Feedbacks Affect Tropical Mean Moisture and MJO Propagation. *Journal of Geophysical Research-Atmospheres*, 2019. 124(22): p. 11910-11931. 地球科学
- 1196、Yang, Y., et al., Sensitivity of WRF simulations with the YSU PBL scheme to the lowest model level height for a sea fog event over the Yellow Sea. *Atmospheric Research*, 2019. 215: p. 253-267. 地球科学
- 1197、Chen, D., et al., Seasonal and spatial variations of optical properties of light absorbing carbon and its influencing factors in a typical polluted city in Yangtze River Delta, China. *Atmospheric Environment*, 2019. 199: p. 45-54. 地球科学
- 1198、Ji, L.Y., et al., Probabilistic Precipitation Forecasting over East Asia Using Bayesian Model Averaging. *Weather and Forecasting*, 2019. 34(2): p. 377-392. 地球科学
- 1199、Kudryavtsev, V.N., et al., On Quad-Polarized SAR Measurements of the Ocean Surface. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(11): p. 8362-8370. 地球科学
- 1200、Meng, L., et al., Modeling study on three-dimensional distribution of dust aerosols during a dust storm over the Tarim Basin, Northwest China. *Atmospheric Research*, 2019. 218: p. 285-295. 地球科学
- 1201、Kundzewicz, Z.W., et al., Flood risk in a range of spatial perspectives - from global to local scales. *Natural Hazards and Earth System Sciences*, 2019. 19(7): p. 1319-1328. 地球科学
- 1202、Liu, H.L., et al., Episode analysis of regional contributions to tropospheric ozone in Beijing using a regional air quality model. *Atmospheric Environment*, 2019. 199: p. 299-312. 地球科学
- 1203、He, J., et al., Development and Evaluation of an Ensemble-Based Data Assimilation System for Regional Reanalysis Over the Tibetan Plateau and Surrounding Regions. *Journal of Advances in Modeling Earth Systems*, 2019. 11(8): p. 2503-2522. 地球科学
- 1204、Ullah, S., et al., Daytime and nighttime heat wave characteristics based on multiple indices over the China-Pakistan economic corridor. *Climate Dynamics*, 2019. 53(9-10): p. 6329-6349. 地球科学
- 1205、Guo, H., et al., Contributions of local and regional sources to PM_{2.5} and its health effects in north India. *Atmospheric Environment*, 2019. 214: p. 12. 地球科学
- 1206、Zhao, C. and T. Li, Basin dependence of the MJO modulating tropical cyclone genesis. *Climate Dynamics*, 2019. 52(9-10): p. 6081-6096. 地球科学
- 1207、Zhao, K.H., et al., A high-resolution modeling study of a heat wave-driven ozone exceedance event in New York City and surrounding regions. *Atmospheric Environment*, 2019. 199: p. 368-379. 地球科学
- 1208、Xu, W.Q., et al., Summertime aerosol volatility measurements in Beijing, China. *Atmospheric Chemistry and Physics*, 2019. 19(15): p. 12. 地球科学
- 1209、Yin, Z.C., Y.Y. Li, and H.J. Wang, Response of early winter haze in the North China Plain to autumn Beaufort sea ice. *Atmospheric Chemistry and Physics*, 2019. 19(3): p. 1439-1453. 地球科学

科学

1210、Zhang, Y.Y., et al., Regional Patterns of Extreme Precipitation and Urban Signatures in Metropolitan Areas. *Journal of Geophysical Research-Atmospheres*, 2019. 124(2): p. 641-663.

地球科学

1211、Pan, C., et al., Quantitative identification of moisture sources over the Tibetan Plateau and the relationship between thermal forcing and moisture transport. *Climate Dynamics*, 2019.

52(1-2): p. 181-196. 地球科学

1212、Yuan, C.X., et al., Influences of Tropical Indian and Pacific Oceans on the Interannual Variations of Precipitation in the Early and Late Rainy Seasons in South China. *Journal of Climate*, 2019. 32(12): p. 3681-3694. 地球科学

1213、Zhao, S., F.F. Jin, and M.F. Stuecker, Improved Predictability of the Indian Ocean Dipole Using Seasonally Modulated ENSO Forcing Forecasts. *Geophysical Research Letters*, 2019. 46(16): p. 9980-9990. 地球科学

1214、Bao, Y.T. and Q.L. You, How do westerly jet streams regulate the winter snow depth over the Tibetan Plateau? *Climate Dynamics*, 2019. 53(1-2): p. 353-370. 地球科学

1215、Sun, W.Y., et al., How Northern High-Latitude Volcanic Eruptions in Different Seasons Affect ENSO. *Journal of Climate*, 2019. 32(11): p. 3245-3262. 地球科学

1216、Qiu, W.Y., et al., Characteristics of tropical cyclone extreme precipitation and its preliminary causes in Southeast China. *Meteorology and Atmospheric Physics*, 2019. 131(3): p. 613-626. 地球科学

1217、Hua, W.J., et al., An Externally Forced Decadal Rainfall Seesaw Pattern Over the Sahel and Southeast Amazon. *Geophysical Research Letters*, 2019. 46(2): p. 923-932. 地球科学

1218、Lin, W.M., et al., A Perspective on the Performance of the CFOSAT Rotating Fan-Beam Scatterometer. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(2): p. 627-639. 地球科学

1219、Li, R., et al., Wet deposition of inorganic ions in 320 cities across China: spatio-temporal variation, source apportionment, and dominant factors. *Atmospheric Chemistry and Physics*, 2019. 19(17): p. 11043-11070. 地球科学

1220、He, C., T.J. Zhou, and T. Li, Weakened Anomalous Western North Pacific Anticyclone during an El Nino-Decaying Summer under a Warmer Climate: Dominant Role of the Weakened Impact of the Tropical Indian Ocean on the Atmosphere. *Journal of Climate*, 2019. 32(1): p. 213-230. 地球科学

1221、Zhu, J., et al., Spatiotemporal variation of aerosol and potential long-range transport impact over the Tibetan Plateau, China. *Atmospheric Chemistry and Physics*, 2019. 19(23): p. 14637-14656. 地球科学

1222、Liu, Y.Y., Z.J. Ke, and Y.H. Ding, Predictability of East Asian summer monsoon in seasonal climate forecast models. *International Journal of Climatology*, 2019. 39(15): p. 5688-5701. 地球科学

1223、Zhao, S., et al., Interhemispheric influence of Indo-Pacific convection oscillation on Southern Hemisphere rainfall through southward propagation of Rossby waves. *Climate Dynamics*, 2019. 52(5-6): p. 3203-3221. 地球科学

1224、Yang, Y.M. and B. Wang, Improving MJO simulation by enhancing the interaction between boundary layer convergence and lower tropospheric heating. *Climate Dynamics*, 2019. 52(7-8): p. 4671-4693. 地球科学

- 1225、 Dai, T., et al., Hourly Aerosol Assimilation of Himawari-8 AOT Using the Four-Dimensional Local Ensemble Transform Kalman Filter. *Journal of Advances in Modeling Earth Systems*, 2019. 11(3): p. 680-711. 地球科学
- 1226、 Zeng, D.W., X. Yuan, and J.K. Roundy, Effect of Teleconnected Land-Atmosphere Coupling on Northeast China Persistent Drought in Spring-Summer of 2017. *Journal of Climate*, 2019. 32(21): p. 7403-7420. 地球科学
- 1227、 Tan, L., et al., Comprehensive economic loss assessment of disaster based on CGE model and IO model-A case study on Beijing "7.21 Rainstorm". *International Journal of Disaster Risk Reduction*, 2019. 39: p. 11. 地球科学
- 1228、 Zang, Y.F., et al., An Accurate TLS and UAV Image Point Clouds Registration Method for Deformation Detection of Chaotic Hillside Areas. *Remote Sensing*, 2019. 11(6): p. 26. 地球科学
- 1229、 Wu, X.H., et al., What Are the Impacts of Tropical Cyclones on Employment? An Analysis Based on Meta-Regression. *Weather Climate and Society*, 2019. 11(2): p. 259-275. 地球科学
- 1230、 Xu, X.P., et al., Strengthened linkage between midlatitudes and Arctic in boreal winter. *Climate Dynamics*, 2019. 53(7-8): p. 3971-3983. 地球科学
- 1231、 Zhou, L., et al., Investigating ENSO and WPWP modulated typhoon variability in the South China Sea during the mid-late Holocene using sedimentological evidence from southeastern Hainan Island, China. *Marine Geology*, 2019. 416: p. 15. 地球科学
- 1232、 Jiang, F., et al., Impacts of Central Pacific El Nino on Southern China Spring Precipitation Controlled by its Longitudinal Position. *Journal of Climate*, 2019. 32(22): p. 7823-7836. 地球科学
- 1233、 Wang, X.X., D.B. Jiang, and X.M. Lang, Extreme temperature and precipitation changes associated with four degree of global warming above pre-industrial levels. *International Journal of Climatology*, 2019. 39(4): p. 1822-1838. 地球科学
- 1234、 Yuan, S.F., et al., Development of Side Bidirectional Leader and Its Effect on Channel Branching of the Progressing Positive Leader of Lightning. *Geophysical Research Letters*, 2019. 46(3): p. 1746-1753. 地球科学
- 1235、 Xiao, H.X., et al., Classification of Ice Crystal Habits Observed From Airborne Cloud Particle Imager by Deep Transfer Learning. *Earth and Space Science*, 2019. 6(10): p. 1877-1886. 地球科学
- 1236、 Lai, A.W., et al., Assimilation of Radar Radial Velocity, Reflectivity, and Pseudo-Water Vapor for Convective-Scale NWP in a Variational Framework. *Monthly Weather Review*, 2019. 147(8): p. 2877-2900. 地球科学
- 1237、 Luo, H.L., et al., Assessment of ECMWF reanalysis data in complex terrain: Can the CERA-20C and ERA-Interim data sets replicate the variation in surface air temperatures over Sichuan, China? *International Journal of Climatology*, 2019. 39(15): p. 5619-5634. 地球科学
- 1238、 Wang, Y.L., et al., AMSR2 snow depth downscaling algorithm based on a multifactor approach over the Tibetan Plateau, China. *Remote Sensing of Environment*, 2019. 231: p. 14. 地球科学
- 1239、 Hagan, D.F.T., et al., A Time-Varying Causality Formalism Based on the Liang-Kleeman Information Flow for Analyzing Directed Interactions in Nonstationary Climate Systems. *Journal of Climate*, 2019. 32(21): p. 7521-7537. 地球科学
- 1240、 Zhang, B., et al., A Geophysical Model Function for Wind Speed Retrieval From C-Band HH-Polarized Synthetic Aperture Radar. *IEEE Geoscience and Remote Sensing Letters*, 2019.

16(10): p. 1521-1525. 地球科学

1241、 Yu, Y.Y. and R.C. Ren, Understanding the variation of stratosphere-troposphere coupling during stratospheric northern annular mode events from a mass circulation perspective. *Climate Dynamics*, 2019. 53(9-10): p. 5141-5164. 地球科学

1242、 Cao, C., et al., Statistical Characteristics of Major Sudden Stratospheric Warming Events in CESM1-WACCM: A Comparison with the JRA55 and NCEP/NCAR Reanalyses. *Atmosphere*, 2019. 10(9): p. 18. 地球科学

1243、 Huang, M., et al., Sensitivity of urban boundary layer simulation to urban canopy models and PBL schemes in Beijing. *Meteorology and Atmospheric Physics*, 2019. 131(5): p. 1235-1248. 地球科学

1244、 Gao, M., et al., Seasonal prediction of Indian wintertime aerosol pollution using the ocean memory effect. *Science Advances*, 2019. 5(7): p. 8. 地球科学

1245、 Wu, J. and X.J. Gao, Present day bias and future change signal of temperature over China in a series of multi-GCM driven RCM simulations. *Climate Dynamics*, 2020. 54(1-2): p. 1113-1130. 地球科学

1246、 Chen, Q.Y., et al., Numerical Simulation of Midlatitude Upper-Level Zonal Wind Response to the Change of North Pacific Subtropical Front Strength. *Journal of Geophysical Research-Atmospheres*, 2019. 124(9): p. 4891-4912. 地球科学

1247、 Rao, J., C.I. Garfinkel, and R.C. Ren, Modulation of the Northern Winter Stratospheric El Nino-Southern Oscillation Teleconnection by the PDO. *Journal of Climate*, 2019. 32(18): p. 5761-5783. 地球科学

1248、 Yang, P., et al., Large Fine-Scale Spatiotemporal Variations of CH₄ Diffusive Fluxes From Shrimp Aquaculture Ponds Affected by Organic Matter Supply and Aeration in Southeast China. *Journal of Geophysical Research-Biogeosciences*, 2019. 124(5): p. 1290-1307. 地球科学

1249、 Sun, B., H.X. Li, and B.T. Zhou, Interdecadal variation of Indian Ocean basin mode and the impact on Asian summer climate. *Geophysical Research Letters*, 2019. 46(21): p. 12388-12397. 地球科学

1250、 Ma, H.Q., et al., Integrating Growth and Environmental Parameters to Discriminate Powdery Mildew and Aphid of Winter Wheat Using Bi-Temporal Landsat-8 Imagery. *Remote Sensing*, 2019. 11(7): p. 22. 地球科学

1251、 Das, S., Extreme rainfall estimation at ungauged sites: Comparison between region-of-influence approach of regional analysis and spatial interpolation technique. *International Journal of Climatology*, 2019. 39(1): p. 407-423. 地球科学

1252、 Mumo, L., J.H. Yu, and B. Ayugi, Evaluation of spatiotemporal variability of rainfall over Kenya from 1979 to 2017. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 194: p. 13. 地球科学

1253、 Park, J.H., et al., Effect of recent Atlantic warming in strengthening Atlantic-Pacific teleconnection on interannual timescale via enhanced connection with the pacific meridional mode. *Climate Dynamics*, 2019. 53(1-2): p. 371-387. 地球科学

1254、 Han, W.X., et al., Dust Storm Outbreak in Central Asia After similar to 3.5 kyr BP. *Geophysical Research Letters*, 2019. 46(13): p. 7624-7633. 地球科学

1255、 Zhang, Y.J., et al., Development and Evaluation of a Long-Term Data Record of Planetary Boundary Layer Profiles From Aircraft Meteorological Reports. *Journal of Geophysical Research-Atmospheres*, 2019. 124(4): p. 2008-2030. 地球科学

- 1256、Huang, Y.J., et al., Budget Analyses of a Record-Breaking Rainfall Event in the Coastal Metropolitan City of Guangzhou, China. *Journal of Geophysical Research-Atmospheres*, 2019. 124(16): p. 9391-9406. 地球科学
- 1257、Chen, H.P., et al., Anthropogenic fine particulate matter pollution will be exacerbated in eastern China due to 21st century GHG warming. *Atmospheric Chemistry and Physics*, 2019. 19(1): p. 233-243. 地球科学
- 1258、Wang, S.S., X. Yuan, and R.G. Wu, CONTRIBUTION OF THE PERSISTENT SPRING-SUMMER HOT AND DRY EXTREMES OVER NORTHEAST CHINA IN 2017. *Bulletin of the American Meteorological Society*, 2019. 100(1): p. S85-S89. 地球科学
- 1259、Zhang, J., H.S. Chen, and S.W. Zhao, A Tripole Pattern of Summertime Rainfall and the Teleconnections Linking Northern China to the Indian Subcontinent. *Journal of Climate*, 2019. 32(12): p. 3637-3653. 地球科学
- 1260、Ning, L., et al., Variability and Mechanisms of Megadroughts over Eastern China during the Last Millennium: A Model Study. *Atmosphere*, 2019. 10(1): p. 26. 地球科学
- 1261、Miao, R., et al., The influence of wave trains in mid-high latitudes on persistent heavy rain during the first rainy season over South China. *Climate Dynamics*, 2019. 53(5-6): p. 2949-2968. 地球科学
- 1262、Yang, Y.J., et al., TRMM-Based Optical and Microphysical Features of Precipitating Clouds in Summer Over the Yangtze-Huaihe River Valley, China. *Pure and Applied Geophysics*, 2019. 176(1): p. 357-370. 地球科学
- 1263、Ayugi, B.O. and G.R. Tan, Recent trends of surface air temperatures over Kenya from 1971 to 2010. *Meteorology and Atmospheric Physics*, 2019. 131(5): p. 1401-1413. 地球科学
- 1264、Zheng, Z.F., et al., Re-evaluating the variation in trend of haze days in the urban areas of Beijing during a recent 36-year period. *Atmospheric Science Letters*, 2019. 20(1): p. 9. 地球科学
- 1265、Yin, Z.C., H.J. Wang, and X.H. Ma, Possible Relationship between the Chukchi Sea Ice in the Early Winter and the February Haze Pollution in the North China Plain. *Journal of Climate*, 2019. 32(16): p. 5179-5190. 地球科学
- 1266、Xu, H.M., et al., Personal exposure to PM_{2.5} emitted from typical anthropogenic sources in southern West Africa: chemical characteristics and associated health risks. *Atmospheric Chemistry and Physics*, 2019. 19(10): p. 6637-6657. 地球科学
- 1267、Fleischer, K., et al., Nitrogen Deposition Maintains a Positive Effect on Terrestrial Carbon Sequestration in the 21st Century Despite Growing Phosphorus Limitation at Regional Scales. *Global Biogeochemical Cycles*, 2019. 33(6): p. 810-824. 地球科学
- 1268、Yin, Z.C., et al., Links of climate variability in Arctic sea ice, Eurasian teleconnection pattern and summer surface ozone pollution in North China. *Atmospheric Chemistry and Physics*, 2019. 19(6): p. 3857-3871. 地球科学
- 1269、Li, Z.J., et al., Light absorption properties and potential sources of particulate brown carbon in the Pearl River Delta region of China. *Atmospheric Chemistry and Physics*, 2019. 19(18): p. 11669-11685. 地球科学
- 1270、Gao, C.J., et al., Land-atmosphere interaction over the Indo-China Peninsula during spring and its effect on the following summer climate over the Yangtze River basin. *Climate Dynamics*, 2019. 53(9-10): p. 6181-6198. 地球科学
- 1271、Sun, B., et al., Interdecadal Variation in the Synoptic Features of Mei-Yu in the Yangtze River

Valley Region and Relationship with the Pacific Decadal Oscillation. *Journal of Climate*, 2019. 32(19): p. 6251-6270. 地球科学

1272、Zhang, C., J.J. Luo, and S.L. Li, Impacts of Tropical Indian and Atlantic Ocean Warming on the Occurrence of the 2017/2018 La Nina. *Geophysical Research Letters*, 2019. 46(6): p. 3435-3445. 地球科学

1273、Zhou, X.Y., et al., Different responses of East Asian summer rainfall to El Nino decays. *Climate Dynamics*, 2019. 53(3-4): p. 1497-1515. 地球科学

1274、Zhou, Q., et al., Cloud-base and cloud-top heights determined from a ground-based cloud radar in Beijing, China. *Atmospheric Environment*, 2019. 201: p. 381-390. 地球科学

1275、Luo, H., et al., Characteristics of Surface Solar Radiation under Different Air Pollution Conditions over Nanjing, China: Observation and Simulation. *Advances in Atmospheric Sciences*, 2019. 36(10): p. 1047-1059. 地球科学

1276、Cao, J., B. Wang, and J. Liu, Attribution of the Last Glacial Maximum climate formation. *Climate Dynamics*, 2019. 53(3-4): p. 1661-1679. 地球科学

1277、Rahman, M.A., et al., Analysis of reference evapotranspiration (ET₀) trends under climate change in Bangladesh using observed and CMIP5 data sets. *Meteorology and Atmospheric Physics*, 2019. 131(3): p. 639-655. 地球科学

1278、Sun, J.H., et al., A Review of Research on Warm-Sector Heavy Rainfall in China. *Advances in Atmospheric Sciences*, 2019. 36(12): p. 1299-1307. 地球科学

1279、Chen, L., et al., A Further Study on the Simulation of Cloud-Radiative Feedbacks in the ENSO Cycle in the Tropical Pacific with a Focus on the Asymmetry. *Asia-Pacific Journal of Atmospheric Sciences*, 2019. 55(3): p. 303-316. 地球科学

1280、Pan, S.Y., et al., A Comparative Land-Cover Classification Feature Study of Learning Algorithms: DBM, PCA, and RF Using Multispectral LiDAR Data. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(4): p. 1314-1326. 地球科学

1281、Wang, X. and H.Y. Jiang, A 13-Year Global Climatology of Tropical Cyclone Warm-Core Structures from AIRS Data. *Monthly Weather Review*, 2019. 147(3): p. 773-790. 地球科学

1282、Wu, L.G., Q.Y. Liu, and Y.B. Li, Tornado-scale vortices in the tropical cyclone boundary layer: numerical simulation with the WRF-LES framework. *Atmospheric Chemistry and Physics*, 2019. 19(4): p. 2477-2487. 地球科学

1283、Guo, Z.Y., et al., Study on pollution behavior and sulfate formation during the typical haze event in Nanjing with water soluble inorganic ions and sulfur isotopes. *Atmospheric Research*, 2019. 217: p. 198-207. 地球科学

1284、Ke, H.B., et al., Spatial and temporal distribution of open bio-mass burning in China from 2013 to 2017. *Atmospheric Environment*, 2019. 210: p. 156-165. 地球科学

1285、Feng, J., et al., Simulated coordinated impacts of the previous autumn North Atlantic Oscillation (NAO) and winter El Nino on winter aerosol concentrations over eastern China. *Atmospheric Chemistry and Physics*, 2019. 19(16): p. 10787-10800. 地球科学

1286、Wen, K.M., et al., Recent Surface Air Temperature Change over Mainland China Based on an Urbanization-Bias Adjusted Dataset. *Journal of Climate*, 2019. 32(10): p. 2691-2705. 地球科学

1287、Zheng, J.Q., et al., Contribution of sea ice albedo and insulation effects to Arctic amplification in the EC-Earth Pliocene simulation. *Climate of the Past*, 2019. 15(1): p. 291-305. 地球科学

- 1288、Zhang, L.X., et al., Contrasting the Performance of Eight Satellite-Based GPP Models in Water-Limited and Temperature-Limited Grassland Ecosystems. *Remote Sensing*, 2019. 11(11): p. 28. 地球科学
- 1289、Zhou, Y.S., Z.M. Xie, and X. Liu, An Analysis of Moisture Sources of Torrential Rainfall Events over Xinjiang, China. *Journal of Hydrometeorology*, 2019. 20(10): p. 2109-2122. 地球科学
- 1290、Teng, S.W., et al., Accounting for the effects of nonideal minor structures on the optical properties of black carbon aerosols. *Atmospheric Chemistry and Physics*, 2019. 19(5): p. 2917-2931. 地球科学
- 1291、Li, X.X., Z.W. Wu, and Y.J. Li, A link of China warming hiatus with the winter sea ice loss in Barents-Kara Seas. *Climate Dynamics*, 2019. 53(5-6): p. 2625-2642. 地球科学
- 1292、Wahiduzzaman, M. and A. Yeasmin, A kernel density estimation approach of North Indian Ocean tropical cyclone formation and the association with convective available potential energy and equivalent potential temperature. *Meteorology and Atmospheric Physics*, 2020. 132(5): p. 603-612. 地球科学
- 1293、Zhang, P., B. Wang, and Z.W. Wu, Weak El Nino and Winter Climate in the Mid- to High Latitudes of Eurasia. *Journal of Climate*, 2019. 32(2): p. 405-421. 地球科学
- 1294、Zou, F., R. Tenzer, and S.G. Jin, Water Storage Variations in Tibet from GRACE, ICESat, and Hydrological Data. *Remote Sensing*, 2019. 11(9): p. 23. 地球科学
- 1295、Nan, S.L., P. Zhao, and J.M. Chen, Variability of summertime Tibetan tropospheric temperature and associated precipitation anomalies over the central-eastern Sahel. *Climate Dynamics*, 2019. 52(3-4): p. 1819-1835. 地球科学
- 1296、Huo, Z.Y., et al., Statistical characteristics of raindrop size distribution in south China summer based on the vertical structure derived from VPR-CFMCW. *Atmospheric Research*, 2019. 222: p. 47-61. 地球科学
- 1297、He, W.P., et al., Simulating evaluation and projection of the climate zones over China by CMIP5 models. *Climate Dynamics*, 2019. 52(5-6): p. 2597-2612. 地球科学
- 1298、Lu, J.C., et al., Significant secondary organic aerosol production from aqueous-phase processing of two intermediate volatility organic compounds. *Atmospheric Environment*, 2019. 211: p. 63-68. 地球科学
- 1299、Xia, M., et al., River segmentation based on separable attention residual network. *Journal of Applied Remote Sensing*, 2019. 14(3): p. 15. 地球科学
- 1300、Jiang, L.S. and T. Li, Relative roles of El Nino-induced extratropical and tropical forcing in generating Tropical North Atlantic (TNA) SST anomaly. *Climate Dynamics*, 2019. 53(7-8): p. 3791-3804. 地球科学
- 1301、Su, K., S.G. Jin, and Y.L. Ge, Rapid displacement determination with a stand-alone multi-GNSS receiver: GPS, Beidou, GLONASS, and Galileo. *Gps Solutions*, 2019. 23(2): p. 12. 地球科学
- 1302、Uddin, M.J., et al., Rainfall Contribution of Tropical Cyclones in the Bay of Bengal between 1998 and 2016 using TRMM Satellite Data. *Atmosphere*, 2019. 10(11): p. 19. 地球科学
- 1303、Zeng, C., et al., Optical Properties and Radiative Forcing of Aged BC due to Hygroscopic Growth: Effects of the Aggregate Structure. *Journal of Geophysical Research-Atmospheres*, 2019. 124(8): p. 4620-4633. 地球科学
- 1304、Jiao, Y. and X. Yuan, More severe hydrological drought events emerge at different warming levels over the Wudinghe watershed in northern China. *Hydrology and Earth System Sciences*,

2019. 23(1): p. 621-635. 地球科学
- 1305、Li, X., et al., Meteorological conditions for severe foggy haze episodes over north China in 2016-2017 winter. *Atmospheric Environment*, 2019. 199: p. 284-298. 地球科学
- 1306、Xu, L.L., et al., Hot Spots of Climate Extremes in the Future. *Journal of Geophysical Research-Atmospheres*, 2019. 124(6): p. 3035-3049. 地球科学
- 1307、Babaoumail, H., et al., Evaluation of satellite-based precipitation estimates over Algeria during 1998-2016. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 195: p. 15. 地球科学
- 1308、Yu, J., et al., Evaluation of Near-Surface Wind Speed Changes during 1979 to 2011 over China Based on Five Reanalysis Datasets. *Atmosphere*, 2019. 10(12): p. 17. 地球科学
- 1309、Bian, Q.Y., et al., Evaluation and Intercomparison of Multiple Snow Water Equivalent Products over the Tibetan Plateau. *Journal of Hydrometeorology*, 2019. 20(10): p. 2043-2055. 地球科学
- 1310、Shen, F.F., D.M. Xu, and J.Z. Min, Effect of momentum control variables on assimilating radar observations for the analysis and forecast for Typhoon Chanthu (2010). *Atmospheric Research*, 2019. 230: p. 12. 地球科学
- 1311、Zhang, W.J., et al., ENSO Regime Changes Responsible for Decadal Phase Relationship Variations Between ENSO Sea Surface Temperature and Warm Water Volume. *Geophysical Research Letters*, 2019. 46(13): p. 7546-7553. 地球科学
- 1312、Sun, B., H.J. Wang, and B.T. Zhou, Climatic Condition and Synoptic Regimes of Two Intense Snowfall Events in Eastern China and Implications for Climate Variability. *Journal of Geophysical Research-Atmospheres*, 2019. 124(2): p. 926-941. 地球科学
- 1313、Hu, W.W., et al., Changes in Extreme Low Temperature Events over Northern China under 1.5 degrees C and 2.0 degrees C Warmer Future Scenarios. *Atmosphere*, 2019. 10(1): p. 17. 地球科学
- 1314、Liu, J.W., et al., An IBBCEAS system for atmospheric measurements of glyoxal and methylglyoxal in the presence of high NO₂ concentrations. *Atmospheric Measurement Techniques*, 2019. 12(8): p. 4439-4453. 地球科学
- 1315、Zhang, J.K., et al., Zonally asymmetric trends of winter total column ozone in the northern middle latitudes. *Climate Dynamics*, 2019. 52(7-8): p. 4483-4500. 地球科学
- 1316、Zhao, Y., et al., Trends in observed mean and extreme precipitation within the Yellow River Basin, China. *Theoretical and Applied Climatology*, 2019. 136(3-4): p. 1387-1396. 地球科学
- 1317、Hu, G.J., et al., Simulation of land surface heat fluxes in permafrost regions on the Qinghai-Tibetan Plateau using CMIP5 models. *Atmospheric Research*, 2019. 220: p. 155-168. 地球科学
- 1318、Rao, J., et al., Predictability of Stratospheric Sudden Warmings in the Beijing Climate Center Forecast System with Statistical Error Corrections. *Journal of Geophysical Research-Atmospheres*, 2019. 124(15): p. 8385-8400. 地球科学
- 1319、Lu, J.H., T. Li, and L. Wang, Precipitation diurnal cycle over the Maritime Continent modulated by the MJO. *Climate Dynamics*, 2019. 53(9-10): p. 6489-6501. 地球科学
- 1320、Zhou, D.C., et al., Potential impacts of climate change on vegetation dynamics and ecosystem function in a mountain watershed on the Qinghai-Tibet Plateau. *Climatic Change*, 2019. 156(1-2): p. 31-50. 地球科学
- 1321、Xu, X.Y., et al., Lessons Learned From Modeling Irrigation From Field to Regional Scales.

- Journal of Advances in Modeling Earth Systems, 2019. 11(8): p. 2428-2448. 地球科学
- 1322、Hao, J.M., et al., Investigation of a Small Landslide in the Qinghai-Tibet Plateau by InSAR and Absolute Deformation Model. Remote Sensing, 2019. 11(18): p. 18. 地球科学
- 1323、Cheng, Y.M., et al., Investigating the assimilation of CALIPSO global aerosol vertical observations using a four-dimensional ensemble Kalman filter. Atmospheric Chemistry and Physics, 2019. 19(21): p. 13445-13467. 地球科学
- 1324、Lu, Z.Z., et al., Impacts of the Autumn Arctic Sea Ice on the Intraseasonal Reversal of the Winter Siberian High. Advances in Atmospheric Sciences, 2019. 36(2): p. 173-188. 地球科学
- 1325、Ren, Y.Q., et al., Impact of emission controls on air quality in Beijing during the 2015 China Victory Day Parade: Implication from organic aerosols. Atmospheric Environment, 2019. 198: p. 207-214. 地球科学
- 1326、Zhang, W.Q., et al., High time-resolved measurement of stable carbon isotope composition in water-soluble organic aerosols: method optimization and a case study during winter haze in eastern China. Atmospheric Chemistry and Physics, 2019. 19(17): p. 11071-11087. 地球科学
- 1327、Chen, D., et al., Global analysis for periodic variations in gravity wave squared amplitudes and momentum fluxes in the middle atmosphere. Annales Geophysicae, 2019. 37(4): p. 487-506. 地球科学
- 1328、Wang, J., et al., First Demonstration of Joint Wireless Communication and High-Resolution SAR Imaging Using Airborne MIMO Radar System. Ieee Transactions on Geoscience and Remote Sensing, 2019. 57(9): p. 6619-6632. 地球科学
- 1329、Fu, H., et al., Effect of Unidirectional Vertical Wind Shear on Tropical Cyclone Intensity Change-Lower-Layer Shear Versus Upper-Layer Shear. Journal of Geophysical Research-Atmospheres, 2019. 124(12): p. 6265-6282. 地球科学
- 1330、Shen, H.B., S.P. He, and H.J. Wang, Effect of Summer Arctic Sea Ice on the Reverse August Precipitation Anomaly in Eastern China between 1998 and 2016. Journal of Climate, 2019. 32(11): p. 3389-3407. 地球科学
- 1331、Shang, H.Z., et al., Diurnal haze variations over the North China plain using measurements from Himawari-8/AHI. Atmospheric Environment, 2019. 210: p. 100-109. 地球科学
- 1332、Chu, R.H., et al., Attribution analysis of actual and potential evapotranspiration changes based on the complementary relationship theory in the Huai River basin of eastern China. International Journal of Climatology, 2019. 39(10): p. 4072-4090. 地球科学
- 1333、Li, Y.K., et al., A New Motion Parameter Estimation and Relocation Scheme for Airborne Three-Channel CSSAR-GMTI Systems. Ieee Transactions on Geoscience and Remote Sensing, 2019. 57(6): p. 4107-4120. 地球科学
- 1334、Qiu, Y.L., et al., Vertical characteristics of peroxyacetyl nitrate (PAN) from a 250-m tower in northern China during September 2018. Atmospheric Environment, 2019. 213: p. 55-63. 地球科学
- 1335、Peng, D.F. and H.Y. Guan, Unsupervised change detection method based on saliency analysis and convolutional neural network. Journal of Applied Remote Sensing, 2019. 13(2): p. 12. 地球科学
- 1336、Chen, L., W.P. Zheng, and P. Braconnot, Towards understanding the suppressed ENSO activity during mid-Holocene in PMIP2 and PMIP3 simulations. Climate Dynamics, 2019. 53(1-2): p. 1095-1110. 地球科学
- 1337、Yang, R.Y., et al., The characteristics and classification of eastward-propagating mesoscale

- convective systems generated over the second-step terrain in the Yangtze River Valley. *Atmospheric Science Letters*, 2019. 20(1): p. 8. 地球科学
- 1338、Yin, J., et al., Surface Meteorological Conditions and Boundary Layer Height Variations During an Air Pollution Episode in Nanjing, China. *Journal of Geophysical Research-Atmospheres*, 2019. 124(6): p. 3350-3364. 地球科学
- 1339、Wei, W., et al., Role of the South Asian High in the Onset Process of the Asian Summer Monsoon during Spring-to-Summer Transition. *Atmosphere*, 2019. 10(5): p. 16. 地球科学
- 1340、Yu, X., et al., Regional sources of airborne ultrafine particle number and mass concentrations in California. *Atmospheric Chemistry and Physics*, 2019. 19(23): p. 14677-14702. 地球科学
- 1341、Yang, P., et al., Methane Dynamics of Aquaculture Shrimp Ponds in Two Subtropical Estuaries, Southeast China: Dissolved Concentration, Net Sediment Release, and Water Oxidation. *Journal of Geophysical Research-Biogeosciences*, 2019. 124(6): p. 1430-1445. 地球科学
- 1342、Ren, R.C., C.D. Zhu, and M. Cai, Linking quasi-biweekly variability of the South Asian high to atmospheric heating over Tibetan Plateau in summer. *Climate Dynamics*, 2019. 53(5-6): p. 3419-3429. 地球科学
- 1343、Che, X.H., et al., Landsat-Based Estimation of Seasonal Water Cover and Change in Arid and Semi-Arid Central Asia (2000-2015). *Remote Sensing*, 2019. 11(11): p. 15. 地球科学
- 1344、Chang, Y.H., et al., Isotopic constraints on the atmospheric sources and formation of nitrogenous species in clouds influenced by biomass burning. *Atmospheric Chemistry and Physics*, 2019. 19(19): p. 12221-12234. 地球科学
- 1345、Wang, Z.X., et al., Inconsistencies in scatterometer wind products based on ASCAT and OSCAT-2 collocations. *Remote Sensing of Environment*, 2019. 225: p. 207-216. 地球科学
- 1346、Xu, W.H., et al., Homogenization of Monthly Ground Surface Temperature in China during 1961-2016 and Performances of GLDAS Reanalysis Products. *Journal of Climate*, 2019. 32(4): p. 1121-1135. 地球科学
- 1347、Shi, J. and Q. Yan, Evolution of the Asian-African Monsoonal Precipitation over the last 21 kyr and the Associated Dynamic Mechanisms. *Journal of Climate*, 2019. 32(19): p. 6551-6569. 地球科学
- 1348、Hu, G.J., et al., Evaluation of reanalysis air temperature products in permafrost regions on the Qinghai-Tibetan Plateau. *Theoretical and Applied Climatology*, 2019. 138(3-4): p. 1457-1470. 地球科学
- 1349、Petersen, A.K., et al., Ensemble forecasts of air quality in eastern China - Part 2: Evaluation of the MarcoPolo-Panda prediction system, version 1. *Geoscientific Model Development*, 2019. 12(3): p. 1241-1266. 地球科学
- 1350、Zhu, L.H., et al., Elevation-dependent sensible heat flux trend over the Tibetan Plateau and its possible causes. *Climate Dynamics*, 2019. 52(7-8): p. 3997-4009. 地球科学
- 1351、Wei, W., et al., Dynamic effect of the South Asian high on the interannual zonal extension of the western North Pacific subtropical high. *International Journal of Climatology*, 2019. 39(14): p. 5367-5379. 地球科学
- 1352、Ji, L.Q. and K. Fan, Climate prediction of dust weather frequency over northern China based on sea-ice cover and vegetation variability. *Climate Dynamics*, 2019. 53(1-2): p. 687-705. 地球科学
- 1353、Cheng, X.G., et al., Climate modulation of Nino3.4 SST-anomalies on air quality change in

southern China: Application to seasonal forecast of haze pollution. *Atmospheric Research*, 2019. 225: p. 157-164. 地球科学

1354、Bing, H.J., et al., Biomonitoring trace element contamination impacted by atmospheric deposition in China's remote mountains. *Atmospheric Research*, 2019. 224: p. 30-41. 地球科学

1355、Li, J., et al., Analysis of Low-level Temperature Inversions and Their Effects on Aerosols in the Lower Atmosphere. *Advances in Atmospheric Sciences*, 2019. 36(11): p. 1235-1250. 地球科学

1356、Sha, T., et al., Aerosol chemical component: Simulations with WRF-Chem and comparison with observations in Nanjing. *Atmospheric Environment*, 2019. 218: p. 14. 地球科学

1357、Wang, J.J., et al., A multilayer cloud detection algorithm for the Suomi-NPP Visible Infrared Imager Radiometer Suite (VIIRS). *Remote Sensing of Environment*, 2019. 227: p. 1-11. 地球科学

1358、Lin, W.M., et al., Toward the Generation of a Wind Geophysical Model Function for Spaceborne GNSS-R. *IEEE Transactions on Geoscience and Remote Sensing*, 2019. 57(2): p. 655-666. 地球科学

1359、Hu, G.J., et al., Thermal properties of active layer in permafrost regions with different vegetation types on the Qinghai-Tibetan Plateau. *Theoretical and Applied Climatology*, 2020. 139(3-4): p. 983-993. 地球科学

1360、Dubache, G., et al., The effect of Indian Ocean on Ethiopian seasonal rainfall. *Meteorology and Atmospheric Physics*, 2019. 131(6): p. 1753-1761. 地球科学

1361、Chen, Q., et al., The Roles of Mineral Dust as Cloud Condensation Nuclei and Ice Nuclei During the Evolution of a Hail Storm. *Journal of Geophysical Research-Atmospheres*, 2019. 124(24): p. 14262-14284. 地球科学

1362、Rao, J., et al., Sub-seasonal to Seasonal Hindcasts of Stratospheric Sudden Warming by BCC_CSM1.1(m): A Comparison with ECMWF. *Advances in Atmospheric Sciences*, 2019. 36(5): p. 479-494. 地球科学

1363、Nkunzimana, A., et al., Spatiotemporal variation of rainfall and occurrence of extreme events over Burundi during 1960 to 2010. *Arabian Journal of Geosciences*, 2019. 12(5): p. 22. 地球科学

1364、Chen, B., et al., Seasonal climatic effects and feedbacks of anthropogenic heat release due to global energy consumption with CAM5. *Climate Dynamics*, 2019. 52(11): p. 6377-6390. 地球科学

1365、Pan, H.L., et al., Seasonal and vertical distributions of aerosol type extinction coefficients with an emphasis on the impact of dust aerosol on the microphysical properties of cirrus over the Taklimakan Desert in Northwest China. *Atmospheric Environment*, 2019. 203: p. 216-227. 地球科学

1366、Zhang, R.N., et al., Role of Eurasian Snow Cover in Linking Winter-Spring Eurasian Coldness to the Autumn Arctic Sea Ice Retreat. *Journal of Geophysical Research-Atmospheres*, 2019. 124(16): p. 9205-9221. 地球科学

1367、Meng, Z.Y., et al., Review of Chinese atmospheric science research over the past 70 years: Synoptic meteorology. *Science China-Earth Sciences*, 2019. 62(12): p. 1946-1991. 地球科学

1368、Chen, F.J., Y.F. Fu, and Y.J. Yang, Regional Variability of Precipitation in Tropical Cyclones Over the Western North Pacific Revealed by the GPM Dual-Frequency Precipitation Radar and Microwave Imager. *Journal of Geophysical Research-Atmospheres*, 2019. 124(21): p. 11281-11296. 地球科学

- 1369、Wei, J.F., X.D. Zhang, and Z. Wang, Reexamination of Fram Strait sea ice export and its role in recently accelerated Arctic sea ice retreat. *Climate Dynamics*, 2019. 53(3-4): p. 1823-1841. 地球科学
- 1370、Wei, X.Q., et al., Reconstruction of cropland change in North China Plain Area over the past 300 years. *Global and Planetary Change*, 2019. 176: p. 60-70. 地球科学
- 1371、Wang, M.R., et al., Quasi-biweekly impact of the atmospheric heat source over the Tibetan Plateau on summer rainfall in Eastern China. *Climate Dynamics*, 2019. 53(7-8): p. 4489-4504. 地球科学
- 1372、Li, J.D., et al., Persistent Spring Shortwave Cloud Radiative Effect and the Associated Circulations over Southeastern China. *Journal of Climate*, 2019. 32(11): p. 3069-3087. 地球科学
- 1373、Yan, S.Q., B. Zhu, and H.Q. Kang, Long-Term Fog Variation and Its Impact Factors Over Polluted Regions of East China. *Journal of Geophysical Research-Atmospheres*, 2019. 124(3): p. 1741-1754. 地球科学
- 1374、Chen, Z.X., et al., Lightning data assimilation with comprehensively nudging water contents at cloud-resolving scale using WRF model. *Atmospheric Research*, 2019. 221: p. 72-87. 地球科学
- 1375、Sun, R.Z., et al., Interannual Variability of the North Pacific Mixed Layer Associated with the Spring Tibetan Plateau Thermal Forcing. *Journal of Climate*, 2019. 32(11): p. 3109-3130. 地球科学
- 1376、Wu, J.J. and Z.W. Wu, Inter-decadal change of the spring North Atlantic Oscillation impact on the summer Pamir-Tianshan snow cover. *International Journal of Climatology*, 2019. 39(2): p. 629-642. 地球科学
- 1377、Jia, X.C., et al., Impacts of Anthropogenic Aerosols on Fog in North China Plain. *Journal of Geophysical Research-Atmospheres*, 2019. 124(1): p. 252-265. 地球科学
- 1378、Liu, C., et al., Impact of Aerosol Shortwave Radiative Heating on Entrainment in the Atmospheric Convective Boundary Layer: A Large-Eddy Simulation Study. *Journal of the Atmospheric Sciences*, 2019. 76(3): p. 785-799. 地球科学
- 1379、Zhang, L., et al., General Features of Extreme Rainfall Events Produced by MCSs over East China during 2016-17. *Monthly Weather Review*, 2019. 147(7): p. 2693-2714. 地球科学
- 1380、Zhou, Y., et al., Effects of the Madden-Julian Oscillation on 2-m air temperature prediction over China during boreal winter in the S2S database. *Climate Dynamics*, 2019. 52(11): p. 6671-6689. 地球科学
- 1381、Zhao, Y., et al., Effects of convection over the Tibetan Plateau on rainstorms downstream of the Yangtze River Basin. *Atmospheric Research*, 2019. 219: p. 24-35. 地球科学
- 1382、Chen, L., et al., Distribution and Variation of the Surface Sensible Heat Flux Over the Central and Eastern Tibetan Plateau: Comparison of Station Observations and Multireanalysis Products. *Journal of Geophysical Research-Atmospheres*, 2019. 124(12): p. 6191-6206. 地球科学
- 1383、Zhang, Y.Q., et al., Decrease in light precipitation events in Huai River Eco-economic Corridor, a climate transitional zone in eastern China. *Atmospheric Research*, 2019. 226: p. 240-254. 地球科学
- 1384、Jin, S.G. and K. Su, Co-seismic displacement and waveforms of the 2018 Alaska earthquake from high-rate GPS PPP velocity estimation. *Journal of Geodesy*, 2019. 93(9): p. 1559-1569. 地球科学

- 1385、Wang, H.L., et al., Characteristics and mixing state of aerosol at the summit of Mount Tai (1534 m) in Central East China: First measurements with SPAMS. *Atmospheric Environment*, 2019. 213: p. 273-284. 地球科学
- 1386、Cui, J.X. and T. Li, Changes of MJO propagation characteristics under global warming. *Climate Dynamics*, 2019. 53(9-10): p. 5311-5327. 地球科学
- 1387、Feng, Y., D.M. Chen, and X.H. Zhang, Atmospheric aerosol pollution across China: a spatiotemporal analysis of satellite-based aerosol optical depth during 2000-2016. *International Journal of Digital Earth*, 2019. 12(7): p. 843-857. 地球科学
- 1388、Ge, F., et al., Assessment of trends and variability in surface air temperature on multiple high-resolution datasets over the Indochina Peninsula. *Theoretical and Applied Climatology*, 2019. 135(3-4): p. 1609-1627. 地球科学
- 1389、Miao, H., et al., An evaluation of cloud vertical structure in three reanalyses against CloudSat/cloud-aerosol lidar and infrared pathfinder satellite observations. *Atmospheric Science Letters*, 2019. 20(7): p. 9. 地球科学
- 1390、Qie, X.S. and Y.J. Zhang, A Review of Atmospheric Electricity Research in China from 2011 to 2018. *Advances in Atmospheric Sciences*, 2019. 36(9): p. 994-1014. 地球科学
- 1391、Gao, J.Q., et al., A New Frozen Soil Parameterization Including Frost and Thaw Fronts in the Community Land Model. *Journal of Advances in Modeling Earth Systems*, 2019. 11(3): p. 659-679. 地球科学
- 1392、Zhang, C., et al., Trends in autumn rain of West China from 1961 to 2014. *Theoretical and Applied Climatology*, 2019. 135(1-2): p. 533-544. 地球科学
- 1393、Zhao, Y., et al., The Large-Scale Circulation Patterns Responsible for Extreme Precipitation Over the North China Plain in Midsummer. *Journal of Geophysical Research-Atmospheres*, 2019. 124(23): p. 12794-12809. 地球科学
- 1394、Liu, S., et al., Temporal patterns and source regions of atmospheric carbon monoxide at two background stations in China. *Atmospheric Research*, 2019. 220: p. 169-180. 地球科学
- 1395、Peng, Q. and S.G. Jin, Significant Wave Height Estimation from Space-Borne Cyclone-GNSS Reflectometry. *Remote Sensing*, 2019. 11(5): p. 13. 地球科学
- 1396、Wei, J.F. and P.A. Dirmeyer, Sensitivity of land precipitation to surface evapotranspiration: a nonlocal perspective based on water vapor transport. *Geophysical Research Letters*, 2019. 46(21): p. 12588-12597. 地球科学
- 1397、Hou, M.Y., W.S. Duan, and X.F. Zhi, Season-dependent predictability barrier for two types of El Nino revealed by an approach to data analysis for predictability. *Climate Dynamics*, 2019. 53(9-10): p. 5561-5581. 地球科学
- 1398、Shi, C., M. Hashimoto, and T. Nakajima, Remote sensing of aerosol properties from multi-wavelength and multi-pixel information over the ocean. *Atmospheric Chemistry and Physics*, 2019. 19(4): p. 2461-2475. 地球科学
- 1399、Zhao, H.K., S.H. Chen, and P.J. Klotzbach, Recent Strengthening of the Relationship between the Western North Pacific Monsoon and Western North Pacific Tropical Cyclone Activity during the Boreal Summer. *Journal of Climate*, 2019. 32(23): p. 8283-8299. 地球科学
- 1400、Yang, Y. and Y. Zhao, Quantification and evaluation of atmospheric pollutant emissions from open biomass burning with multiple methods: a case study for the Yangtze River Delta region, China. *Atmospheric Chemistry and Physics*, 2019. 19(1): p. 327-348. 地球科学
- 1401、Zhao, Y., et al., Precursory strong-signal characteristics of the convective clouds of the

Central Tibetan Plateau detected by radar echoes with respect to the evolutionary processes of an eastward-moving heavy rainstorm belt in the Yangtze River Basin. *Meteorology and Atmospheric Physics*, 2019. 131(4): p. 697-712. 地球科学

1402、 Bai, X.J., et al., Parameter Optimization of a Discrete Scattering Model by Integration of Global Sensitivity Analysis Using SMAP Active and Passive Observations. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(2): p. 1084-1099. 地球科学

1403、 Wang, Z.Y. and B.T. Zhou, Observed Decadal Transition in Trend of Autumn Rainfall over Central China in the Late 1990s. *Journal of Climate*, 2019. 32(5): p. 1395-1409. 地球科学

1404、 Jiang, S.Y., et al., Multi-source forcing effects analysis using Liang-Kleeman information flow method and the community atmosphere model (CAM4.0). *Climate Dynamics*, 2019. 53(9-10): p. 6035-6053. 地球科学

1405、 Wang, T.T., et al., Measurement of aerosol optical properties and their potential source origin in urban Beijing from 2013-2017. *Atmospheric Environment*, 2019. 206: p. 293-302. 地球科学

1406、 Zhang, J., et al., Latitudinal and Topographical Variabilities of Free Atmospheric Turbulence From High-Resolution Radiosonde Data Sets. *Journal of Geophysical Research-Atmospheres*, 2019. 124(8): p. 4283-4298. 地球科学

1407、 Jia, H.L., et al., Is positive correlation between cloud droplet effective radius and aerosol optical depth over land due to retrieval artifacts or real physical processes? *Atmospheric Chemistry and Physics*, 2019. 19(13): p. 8879-8896. 地球科学

1408、 Luo, X. and B. Wang, How autumn Eurasian snow anomalies affect east asian winter monsoon: a numerical study. *Climate Dynamics*, 2019. 52(1-2): p. 69-82. 地球科学

1409、 Wang, H., et al., High-Spatial-Resolution Population Exposure to PM_{2.5} Pollution Based on Multi-Satellite Retrievals: A Case Study of Seasonal Variation in the Yangtze River Delta, China in 2013. *Remote Sensing*, 2019. 11(23): p. 17. 地球科学

1410、 Yang, Y.C. and X. Lee, Four-band Thermal Mosaicking: A New Method to Process Infrared Thermal Imagery of Urban Landscapes from UAV Flights. *Remote Sensing*, 2019. 11(11): p. 17. 地球科学

1411、 Chen, G.S. and B. Wang, Dynamic moisture mode versus moisture mode in MJO dynamics: importance of the wave feedback and boundary layer convergence feedback. *Climate Dynamics*, 2019. 52(9-10): p. 5127-5143. 地球科学

1412、 Ojara, M.A., et al., Dry spells and probability of rainfall occurrence for Lake Kyoga Basin in Uganda, East Africa. *Natural Hazards*, 2020. 100(2): p. 493-514. 地球科学

1413、 Li, Z.Y., et al., Different Effects of Two ENSO Types on Arctic Surface Temperature in Boreal Winter. *Journal of Climate*, 2019. 32(16): p. 4943-4961. 地球科学

1414、 Li, Z.H., et al., Dense fog burst reinforcement over Eastern China: A review. *Atmospheric Research*, 2019. 230: p. 12. 地球科学

1415、 Li, J.Y. and J.Y. Mao, Coordinated influences of the tropical and extratropical intraseasonal oscillations on the 10-30-day variability of the summer rainfall over southeastern China. *Climate Dynamics*, 2019. 53(1-2): p. 137-153. 地球科学

1416、 Bilal, M., et al., Characteristics of Fine Particulate Matter (PM_{2.5}) over Urban, Suburban, and Rural Areas of Hong Kong. *Atmosphere*, 2019. 10(9): p. 15. 地球科学

1417、 Lu, J., et al., Changes of actual evapotranspiration and its components in the Yangtze River valley during 1980-2014 from satellite assimilation product. *Theoretical and Applied Climatology*,

2019. 138(3-4): p. 1493-1510. 地球科学
- 1418、Cao, B., et al., Brief communication: Evaluation and inter-comparisons of Qinghai-Tibet Plateau permafrost maps based on a new inventory of field evidence. *Cryosphere*, 2019. 13(2): p. 511-519. 地球科学
- 1419、Sun, Y., et al., ANTHROPOGENIC INFLUENCE ON THE HEAVIEST JUNE PRECIPITATION IN SOUTHEASTERN CHINA SINCE 1961. *Bulletin of the American Meteorological Society*, 2019. 100(1): p. S79-S83. 地球科学
- 1420、Huang, M.M. and S.G. Jin, A methodology for simple 2-D inundation analysis in urban area using SWMM and GIS. *Natural Hazards*, 2019. 97(1): p. 15-43. 地球科学
- 1421、Liu, G.R., et al., Using Saha-Boltzmann Plot to Diagnose Lightning Return Stroke Channel Temperature. *Journal of Geophysical Research-Atmospheres*, 2019. 124(8): p. 4689-4698. 地球科学
- 1422、Yan, Y., et al., Synoptic patterns and sounding-derived parameters associated with summertime heavy rainfall in Beijing. *International Journal of Climatology*, 2019. 39(3): p. 1476-1489. 地球科学
- 1423、Li, N., et al., Studies of General Precipitation Features with TRMM PR Data: An Extensive Overview. *Remote Sensing*, 2019. 11(1): p. 34. 地球科学
- 1424、Tan, K.X., et al., Simulated ENSO's impact on tropical cyclone genesis over the western North Pacific in CMIP5 models and its changes under global warming. *International Journal of Climatology*, 2019. 39(8): p. 3668-3678. 地球科学
- 1425、Yu, Y.Y., P.C. Taylor, and M. Cai, Seasonal Variations of Arctic Low-Level Clouds and Its Linkage to Sea Ice Seasonal Variations. *Journal of Geophysical Research-Atmospheres*, 2019. 124(22): p. 12206-12226. 地球科学
- 1426、Han, T.T., et al., Seasonal Prediction of Midsummer Extreme Precipitation Days over Northeast China. *Journal of Applied Meteorology and Climatology*, 2019. 58(9): p. 2033-2048. 地球科学
- 1427、Limbu, P.T.S. and G.R. Tan, Relationship between the October-December rainfall in Tanzania and the Walker circulation cell over the Indian Ocean. *Meteorologische Zeitschrift*, 2019. 28(6): p. 453-469. 地球科学
- 1428、Zhou, B.T., et al., Projected changes in autumn rainfall over West China: Results from an ensemble of dynamical downscaling simulations. *International Journal of Climatology*, 2019. 39(12): p. 4869-4882. 地球科学
- 1429、Watanabe, E., et al., Multi-Model Intercomparison of the Pan-Arctic Ice-Algal Productivity on Seasonal, Interannual, and Decadal Timescales. *Journal of Geophysical Research-Oceans*, 2019. 124(12): p. 9053-9084. 地球科学
- 1430、Yang, Y.M., B. Wang, and J.Y. Lee, Mechanisms of Northward Propagation of Boreal Summer Intraseasonal Oscillation Revealed by Climate Model Experiments. *Geophysical Research Letters*, 2019. 46(6): p. 3417-3425. 地球科学
- 1431、Liu, Y.H. and S.G. Jin, Ionospheric Rayleigh Wave Disturbances Following the 2018 Alaska Earthquake from GPS Observations. *Remote Sensing*, 2019. 11(8): p. 15. 地球科学
- 1432、Shi, N., X.Q. Wang, and P.Y. Tian, Interdecadal variations in persistent anomalous cold events over Asian mid-latitudes. *Climate Dynamics*, 2019. 52(5-6): p. 3729-3739. 地球科学
- 1433、Xu, Q., et al., Interannual changes in summer phytoplankton community composition in relation to water mass variability in the East China Sea. *Journal of Oceanography*, 2019. 75(1): p.

61-79. 地球科学

1434、Zhi, H., et al., Interannual Salinity Variability in the Tropical Pacific in CMIP5 Simulations. *Advances in Atmospheric Sciences*, 2019. 36(4): p. 378-396. 地球科学

1435、Wang, Q.Y., et al., Impacts of short-term mitigation measures on PM_{2.5} and radiative effects: a case study at a regional background site near Beijing, China. *Atmospheric Chemistry and Physics*, 2019. 19(3): p. 1881-1899. 地球科学

1436、Ahi, G.O. and S.G. Jin, Hydrologic Mass Changes and Their Implications in Mediterranean-Climate Turkey from GRACE Measurements. *Remote Sensing*, 2019. 11(2): p. 24. 地球科学

1437、Devlin, A.T., J.Y. Pan, and H. Lin, Extended Spectral Analysis of Tidal Variability in the North Atlantic Ocean. *Journal of Geophysical Research-Oceans*, 2019. 124(1): p. 506-526. 地球科学

1438、Sha, T., et al., Exploring the influence of two inventories on simulated air pollutants during winter over the Yangtze River Delta. *Atmospheric Environment*, 2019. 206: p. 170-182. 地球科学

1439、Zhu, B.Y., B. Sun, and H.J. Wang, Dominant modes of interannual variability of extreme high-temperature events in eastern China during summer and associated mechanisms. *International Journal of Climatology*, 2020. 40(2): p. 841-857. 地球科学

1440、Sun, S.L., et al., Dissecting Performances of PERSIANN-CDR Precipitation Product over Huai River Basin, China. *Remote Sensing*, 2019. 11(15): p. 29. 地球科学

1441、Zhang, Q., et al., Comparison of Bi-Hemispherical and Hemispherical-Conical Configurations for In Situ Measurements of Solar-Induced Chlorophyll Fluorescence. *Remote Sensing*, 2019. 11(22): p. 27. 地球科学

1442、Lu, Y., et al., China's black carbon emission from fossil fuel consumption in 2015, 2020, and 2030. *Atmospheric Environment*, 2019. 212: p. 201-207. 地球科学

1443、Zhu, E.D., X. Yuan, and A.W. Wood, Benchmark decadal forecast skill for terrestrial water storage estimated by an elasticity framework. *Nature Communications*, 2019. 10: p. 8. 地球科学

1444、Wang, C., B. Wang, and L.G. Wu, Abrupt breakdown of the predictability of early season typhoon frequency at the beginning of the twenty-first century. *Climate Dynamics*, 2019. 52(7-8): p. 3809-3822. 地球科学

1445、Chen, L.J., W. Gu, and W.J. Li, Why Is the East Asian Summer Monsoon Extremely Strong in 2018?-Collaborative Effects of SST and Snow Cover Anomalies. *Journal of Meteorological Research*, 2019. 33(4): p. 593-608. 地球科学

1446、Xu, Y.W., et al., Two Inversion Layers and Their Impacts on PM_{2.5} Concentration over the Yangtze River Delta, China. *Journal of Applied Meteorology and Climatology*, 2019. 58(11): p. 2349-2362. 地球科学

1447、Zhang, Y.Z., et al., The relative roles of the South China Sea summer monsoon and ENSO in the Indian Ocean dipole development. *Climate Dynamics*, 2019. 53(11): p. 6665-6680. 地球科学

1448、Meng, D.M., et al., The evaluation of EnVar method including hydrometeors analysis variables for assimilating cloud liquid/ice water path on prediction of rainfall events. *Atmospheric Research*, 2019. 219: p. 1-12. 地球科学

1449、Tiszenkel, L., et al., Temperature effects on sulfuric acid aerosol nucleation and growth: initial results from the TANGENT study. *Atmospheric Chemistry and Physics*, 2019. 19(13): p.

8915-8929. 地球科学

1450、Zhang, J., et al., Statistical Study of Atmospheric Turbulence by Thorpe Analysis. *Journal of Geophysical Research-Atmospheres*, 2019. 124(6): p. 2897-2908. 地球科学

1451、Tao, L.L., et al., Soil Moisture Retrieval From SAR and Optical Data Using a Combined Model. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(2): p. 637-647. 地球科学

1452、Zhao, Y., et al., Response of the Indian Ocean to the Tibetan Plateau Thermal Forcing in Late Spring. *Journal of Climate*, 2019. 32(20): p. 6917-6938. 地球科学

1453、He, S.P., et al., Recent intensified impact of December Arctic Oscillation on subsequent January temperature in Eurasia and North Africa. *Climate Dynamics*, 2019. 52(1-2): p. 1077-1094. 地球科学

1454、Hu, D.Z., Y.P. Guo, and Z.Y. Guan, Recent Weakening in the Stratospheric Planetary Wave Intensity in Early Winter. *Geophysical Research Letters*, 2019. 46(7): p. 3953-3962. 地球科学

1455、Liao, M., S. Healy, and P. Zhang, Processing and quality control of FY-3C GNOS data used in numerical weather prediction applications. *Atmospheric Measurement Techniques*, 2019. 12(5): p. 2679-2692. 地球科学

1456、Yang, K., et al., Prediction of summer hot extremes over the middle and lower reaches of the Yangtze River valley. *Climate Dynamics*, 2019. 52(5-6): p. 2943-2957. 地球科学

1457、Deng, K.A.K., et al., Operational Soil Moisture from ASCAT in Support of Water Resources Management. *Remote Sensing*, 2019. 11(5): p. 25. 地球科学

1458、Shen, L.J., et al., Observation of atmospheric new particle growth events at the summit of mountain Tai (1534 m) in Central East China. *Atmospheric Environment*, 2019. 201: p. 148-157. 地球科学

1459、Deng, X.L., et al., Meteorological conditions during a severe, prolonged regional heavy air pollution episode in eastern China from December 2016 to January 2017. *Theoretical and Applied Climatology*, 2019. 135(3-4): p. 1105-1122. 地球科学

1460、Wang, C., et al., Is there a quiescent typhoon season over the western North Pacific following a strong El Nino event? *International Journal of Climatology*, 2019. 39(1): p. 61-73. 地球科学

1461、Wei, J.F., X.D. Zhang, and Z.M. Wang, Impacts of extratropical storm tracks on Arctic sea ice export through Fram Strait. *Climate Dynamics*, 2019. 52(3-4): p. 2235-2246. 地球科学

1462、Chen, H.S., et al., Impact of Nonuniform Land Surface Warming on Summer Anomalous Extratropical Cyclone Activity Over East Asia. *Journal of Geophysical Research-Atmospheres*, 2019. 124(19): p. 10306-10320. 地球科学

1463、Zhang, W.S., et al., Identifying Emerging Reservoirs along Regulated Rivers Using Multi-Source Remote Sensing Observations. *Remote Sensing*, 2019. 11(1): p. 20. 地球科学

1464、Zhou, M.Z., et al., Global warming from 1.5 to 2 degrees C will lead to increase in precipitation intensity in China. *International Journal of Climatology*, 2019. 39(4): p. 2351-2361. 地球科学

1465、Jia, H.L., X.Y. Ma, and Y.G. Liu, Exploring aerosol-cloud interaction using VOCALS-REx aircraft measurements. *Atmospheric Chemistry and Physics*, 2019. 19(12): p. 7955-7971. 地球科学

1466、Wang, Z.Z., et al., Enhanced heterogeneous uptake of sulfur dioxide on mineral particles through modification of iron speciation during simulated cloud processing. *Atmospheric Chemistry and Physics*, 2019. 19(19): p. 12569-12585. 地球科学

- 1467、Liu, L.Y., et al., Enhanced Regional Monitoring of Wheat Powdery Mildew Based on an Instance-Based Transfer Learning Method. *Remote Sensing*, 2019. 11(3): p. 19. 地球科学
- 1468、Xu, D.M., F. Shen, and J.Z. Min, Effect of background error tuning on assimilating radar radial velocity observations for the forecast of hurricane tracks and intensities. *Meteorological Applications*, 2020. 27(1): p. 10. 地球科学
- 1469、Chen, L., et al., Drivers of reduced ENSO variability in mid-Holocene in a coupled model. *Climate Dynamics*, 2019. 52(9-10): p. 5999-6014. 地球科学
- 1470、Yuan, L.L., S.G. Jin, and A. Calabia, Distinct thermospheric mass density variations following the September 2017 geomagnetic storm from GRACE and Swarm. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 184: p. 30-36. 地球科学
- 1471、Huang, Y.J., Y.P. Wang, and X.P. Cui, Differences between Convective and Stratiform Precipitation Budgets in a Torrential Rainfall Event. *Advances in Atmospheric Sciences*, 2019. 36(5): p. 495-509. 地球科学
- 1472、Liu, J., et al., Decadal modulation of East China winter precipitation by ENSO. *Climate Dynamics*, 2019. 52(12): p. 7209-7223. 地球科学
- 1473、Rao, J., et al., Combined Impact of El Nino-Southern Oscillation and Pacific Decadal Oscillation on the Northern Winter Stratosphere. *Atmosphere*, 2019. 10(4): p. 16. 地球科学
- 1474、Chen, Y.T., et al., Chemical Characteristics of PM_{2.5} and Water-Soluble Organic Nitrogen in Yangzhou, China. *Atmosphere*, 2019. 10(4): p. 16. 地球科学
- 1475、Ji, C.X., et al., Analyzing the variation of the precipitation of coastal areas of eastern China and its association with sea surface temperature (SST) of other seas. *Atmospheric Research*, 2019. 219: p. 114-122. 地球科学
- 1476、Xia, X.L., et al., Aerosol Data Assimilation Using Data from Fengyun-3A and MODIS: Application to a Dust Storm over East Asia in 2011. *Advances in Atmospheric Sciences*, 2019. 36(1): p. 1-14. 地球科学
- 1477、Chen, J.H., et al., Thermal Effects of the Surface Heat Flux on Cloud Systems over the Tibetan Plateau in Boreal Summer. *Journal of Climate*, 2019. 32(15): p. 4699-4714. 地球科学
- 1478、Mafuru, K.B. and G.R. Tan, The influence of ENSO on the upper warm temperature anomaly formation associated with the March-May heavy rainfall events in Tanzania. *International Journal of Climatology*, 2020. 40(5): p. 2745-2763. 地球科学
- 1479、Zheng, Y.H., et al., Sparse Unmixing for Hyperspectral Image with Nonlocal Low-Rank Prior. *Remote Sensing*, 2019. 11(24): p. 22. 地球科学
- 1480、Xu, B., et al., Regional response of winter snow cover over the Northern Eurasia to late autumn Arctic sea ice and associated mechanism. *Atmospheric Research*, 2019. 222: p. 100-113. 地球科学
- 1481、Zhao, H.K., et al., Recent Increased Covariability of Tropical Cyclogenesis Latitude and Longitude over the Western North Pacific during the Extended Boreal Summer. *Journal of Climate*, 2019. 32(23): p. 8167-8179. 地球科学
- 1482、Deshmukh, D.K., et al., Organic tracers of fine aerosol particles in central Alaska: summertime composition and sources. *Atmospheric Chemistry and Physics*, 2019. 19(22): p. 14009-14029. 地球科学
- 1483、Qian, Y.T., P.C. Hsu, and K. Kazuyoshi, New real-time indices for the quasi-biweekly oscillation over the Asian summer monsoon region. *Climate Dynamics*, 2019. 53(5-6): p. 2603-2624. 地球科学

- 1484、Liu, Y., et al., Modulation of the Kara Sea Ice Variation on the Ice Freeze-Up Time in Lake Qinghai. *Journal of Climate*, 2019. 32(9): p. 2553-2568. 地球科学
- 1485、Bai, H.K., et al., Modeled MABL Responses to the Winter Kuroshio SST Front in the East China Sea and Yellow Sea. *Journal of Geophysical Research-Atmospheres*, 2019. 124(12): p. 6069-6092. 地球科学
- 1486、Ma, Y.N., et al., Long-term variations of the PM2.5 concentration identified by MODIS in the tropical rain forest, Southeast Asia. *Atmospheric Research*, 2019. 219: p. 140-152. 地球科学
- 1487、Liu, Q., et al., Kernel Low-Rank Representation Based on Local Similarity for Hyperspectral Image Classification. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(6): p. 1920-1932. 地球科学
- 1488、Zhang, H.X., W.P. Li, and W.J. Li, Influence of Late Springtime Surface Sensible Heat Flux Anomalies over the Tibetan and Iranian Plateaus on the Location of the South Asian High in Early Summer. *Advances in Atmospheric Sciences*, 2019. 36(1): p. 93-103. 地球科学
- 1489、Yu, H.Y., T. Li, and P. Liu, Influence of ENSO on frequency of wintertime fog days in Eastern China. *Climate Dynamics*, 2019. 52(9-10): p. 5099-5113. 地球科学
- 1490、Pan, Y.J. and M.J. Wang, Impact of the Assimilation Frequency of Radar Data with the ARPS 3DVar and Cloud Analysis System on Forecasts of a Squall Line in Southern China. *Advances in Atmospheric Sciences*, 2019. 36(2): p. 160-172. 地球科学
- 1491、Xia, M., et al., Heterogeneous Uptake of N2O5 in Sand Dust and Urban Aerosols Observed during the Dry Season in Beijing. *Atmosphere*, 2019. 10(4): p. 16. 地球科学
- 1492、Zhou, L., et al., Extracting historic cyclone data from coastal dune deposits in eastern Hainan Island, China. *Sedimentary Geology*, 2019. 392: p. 17. 地球科学
- 1493、Sun, Z.Y., et al., Examination of Surface Wind Asymmetry in Tropical Cyclones over the Northwest Pacific Ocean Using SMAP Observations. *Remote Sensing*, 2019. 11(22): p. 18. 地球科学
- 1494、Dong, Z.N. and S.G. Jin, Evaluation of Spaceborne GNSS-R Retrieved Ocean Surface Wind Speed with Multiple Datasets. *Remote Sensing*, 2019. 11(23): p. 18. 地球科学
- 1495、Ali, G., et al., Evaluating MODIS and MISR aerosol optical depth retrievals over environmentally distinct sites in Pakistan. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 183: p. 19-35. 地球科学
- 1496、Pramudya, F.S., J.Y. Pan, and A.T. Devlin, Estimation of Significant Wave Height of Near-Range Traveling Ocean Waves Using Sentinel-1 SAR Images. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(4): p. 1067-1075. 地球科学
- 1497、Fan, S.H., et al., Estimate of boundary-layer depth in Nanjing city using aerosol lidar data during 2016-2017 winter. *Atmospheric Environment*, 2019. 205: p. 67-77. 地球科学
- 1498、Zhao, D.S., et al., Cycle Slip Detection during High Ionospheric Activities Based on Combined Triple-Frequency GNSS Signals. *Remote Sensing*, 2019. 11(3): p. 20. 地球科学
- 1499、Cui, C.X., et al., Comparison of the performances between the WRF and WRF-LES models in radiation fog - A case study. *Atmospheric Research*, 2019. 226: p. 76-86. 地球科学
- 1500、Han, X.L., et al., Comparison of AVHRR aerosol optical depth production against CARSNET data in China. *Atmospheric Research*, 2019. 218: p. 12-24. 地球科学
- 1501、Chen, S.T., et al., Climate and Vegetation Drivers of Terrestrial Carbon Fluxes: A Global Data Synthesis. *Advances in Atmospheric Sciences*, 2019. 36(7): p. 679-696. 地球科学

- 1502、Hong, L., et al., Chemical composition of dew water at a suburban site in Nanjing, China, during the 2016-2017 winter. *Atmospheric Environment*, 2019. 211: p. 226-233. 地球科学
- 1503、Ke, F.Y., et al., Characteristics and coupling mechanism of GPS ionospheric scintillation responses to the tropical cyclones in Australia. *Gps Solutions*, 2019. 23(2): p. 14. 地球科学
- 1504、Yang, R.W., et al., Change in the relationship between the Australian summer monsoon circulation and boreal summer precipitation over Central China in the late 1990s. *Meteorology and Atmospheric Physics*, 2019. 131(1): p. 105-113. 地球科学
- 1505、Yang, Y.J., et al., Assessment of urban surface thermal environment using MODIS with a population-weighted method: a case study. *Journal of Spatial Science*, 2019. 64(2): p. 287-300. 地球科学
- 1506、Bao, Y.S., et al., Assessing the impact of Chinese FY-3/MERSI AOD data assimilation on air quality forecasts: Sand dust events in northeast China. *Atmospheric Environment*, 2019. 205: p. 78-89. 地球科学
- 1507、Cao, S., et al., Affine-Function Transformation-Based Object Matching for Vehicle Detection from Unmanned Aerial Vehicle Imagery. *Remote Sensing*, 2019. 11(14): p. 21. 地球科学
- 1508、Tian, R., et al., Aerosol radiative effects on tropospheric photochemistry with GEOS-Chem simulations. *Atmospheric Environment*, 2019. 208: p. 82-94. 地球科学
- 1509、Lu, G.P., et al., A comparative study on the lightning sferics associated with terrestrial gamma-ray flashes observed in Americas and Asia. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 183: p. 67-75. 地球科学
- 1510、Zhang, Y.H., et al., A Multiple Feature Fully Convolutional Network for Road Extraction From High-Resolution Remote Sensing Image Over Mountainous Areas. *Ieee Geoscience and Remote Sensing Letters*, 2019. 16(10): p. 1600-1604. 地球科学
- 1511、He, Y.S., et al., Vertical Migration of the Along-Slope Counter-Flow and Its Relation with the Kuroshio Intrusion off Northeastern Taiwan. *Remote Sensing*, 2019. 11(22): p. 18. 地球科学
- 1512、Hou, X.Y., et al., Verification of Fengyun-3D MWTS and MWHS Calibration Accuracy Using GPS Radio Occultation Data. *Journal of Meteorological Research*, 2019. 33(4): p. 695-704. 地球科学
- 1513、Wang, C., B. Wang, and J. Cao, Unprecedented Northern Hemisphere Tropical Cyclone Genesis in 2018 Shaped by Subtropical Warming in the North Pacific and the North Atlantic. *Geophysical Research Letters*, 2019. 46(22): p. 13327-13337. 地球科学
- 1514、Zhao, Y., et al., The severity of drought and precipitation prediction in the eastern fringe of the Tibetan Plateau. *Theoretical and Applied Climatology*, 2019. 137(1-2): p. 141-152. 地球科学
- 1515、Lin, R.P., J. Zhu, and F. Zheng, The Application of the SVD Method to Reduce Coupled Model Biases in Seasonal Predictions of Rainfall. *Journal of Geophysical Research-Atmospheres*, 2019. 124(22): p. 11837-11849. 地球科学
- 1516、Wang, L., et al., Spatiotemporal characterization of the urban sprawl and its impacts on urban island in China with DMSP/OLS and MODIS measurements. *Theoretical and Applied Climatology*, 2019. 138(1-2): p. 293-303. 地球科学
- 1517、Tian, B.Q. and K. Fan, Seasonal Climate Prediction Models for the Number of Landfalling Tropical Cyclones in China. *Journal of Meteorological Research*, 2019. 33(5): p. 837-850. 地球科学
- 1518、Ma, L.B., et al., Revisiting the Impact of Stochastic Multicloud Model on the MJO Using Low-Resolution ECHAM6.3 Atmosphere Model. *Journal of the Meteorological Society of Japan*,

2019. 97(5): p. 977-993. 地球科学
- 1519、 Xu, Q., et al., Regional Characteristics of Interannual Variability of Summer Rainfall in the Maritime Continent and Their Related Anomalous Circulation Patterns. *Journal of Climate*, 2019. 32(14): p. 4179-4192. 地球科学
- 1520、 Hao, X., et al., Quantifying the contribution of anthropogenic influence to the East Asian winter monsoon in 1960-2012. *Atmospheric Chemistry and Physics*, 2019. 19(15): p. 9903-9911. 地球科学
- 1521、 Zhang, L.X., et al., Potential Predictability of North China Summer Drought. *Journal of Climate*, 2019. 32(21): p. 7247-7264. 地球科学
- 1522、 Liu, C., et al., Pacific Meridional Mode-Western North Pacific Tropical Cyclone Linkage Explained by Tropical Pacific Quasi-Decadal Variability. *Geophysical Research Letters*, 2019. 46(22): p. 13346-13354. 地球科学
- 1523、 Zhao, H.K., et al., Multi-scale interactions of equatorial waves associated with tropical cyclogenesis over the western North Pacific. *Climate Dynamics*, 2019. 52(5-6): p. 3023-3038. 地球科学
- 1524、 Liu, C., et al., Modulation of tropical cyclones in the southeastern part of western North Pacific by tropical Pacific decadal variability. *Climate Dynamics*, 2019. 53(7-8): p. 4475-4488. 地球科学
- 1525、 Li, Y.H., et al., Mechanisms and Early Warning of Drought Disasters: Experimental Drought Meteorology Research over China. *Bulletin of the American Meteorological Society*, 2019. 100(4): p. 673-687. 地球科学
- 1526、 Shi, S.N., et al., Low-Velocity Small Target Detection With Doppler-Guided Retrospective Filter in High-Resolution Radar at Fast Scan Mode. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(11): p. 8937-8953. 地球科学
- 1527、 Deng, K.A.K., et al., Large scale operational soil moisture mapping from passive MW radiometry: SMOS product evaluation in Europe & USA. *International Journal of Applied Earth Observation and Geoinformation*, 2019. 80: p. 206-217. 地球科学
- 1528、 Choi, J.W., H.D. Kim, and B. Wang, Interdecadal variation of Changma (Korean summer monsoon rainy season) retreat date in Korea. *International Journal of Climatology*, 2020. 40(3): p. 1348-1360. 地球科学
- 1529、 Sun, B., H.J. Wang, and B.T. Zhou, Interdecadal Variation of the Relationship between East Asian Water Vapor Transport and Tropical Pacific Sea Surface Temperatures during January and Associated Mechanisms. *Journal of Climate*, 2019. 32(21): p. 7575-7594. 地球科学
- 1530、 Ji, L.Q. and K. Fan, Interannual linkage between wintertime sea-ice cover variability over the Barents Sea and springtime vegetation over Eurasia. *Climate Dynamics*, 2019. 53(9-10): p. 5637-5652. 地球科学
- 1531、 Li, J., et al., Inter-decadal change in potential predictability of the East Asian summer monsoon. *Theoretical and Applied Climatology*, 2019. 136(1-2): p. 403-415. 地球科学
- 1532、 Luo, H.B., et al., Integration of Range Split Spectrum Interferometry and conventional InSAR to monitor large gradient surface displacements. *International Journal of Applied Earth Observation and Geoinformation*, 2019. 74: p. 130-137. 地球科学
- 1533、 Li, J., et al., Influence of Tropical Cyclone Intensity and Size on Storm Surge in the Northern East China Sea. *Remote Sensing*, 2019. 11(24): p. 19. 地球科学
- 1534、 Apurv, T., X.M. Cai, and X. Yuan, Influence of Internal Variability and Global Warming on

Multidecadal Changes in Regional Drought Severity over the Continental United States. *Journal of Hydrometeorology*, 2019. 20(3): p. 411-429. 地球科学

1535、Ma, L.B., et al., Improving the simulation of the climatology of the East Asian summer monsoon by coupling the Stochastic Multicloud Model to the ECHAM6.3 atmosphere model. *Climate Dynamics*, 2019. 53(3-4): p. 2061-2081. 地球科学

1536、Liao, Z.M., et al., Improving Forest Height Retrieval by Reducing the Ambiguity of Volume-Only Coherence Using Multi-Baseline PolInSAR Data. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(11): p. 8853-8866. 地球科学

1537、Li, Y., et al., Impacts of Three Gorges Dam on Regional Circulation: A Numerical Simulation. *Journal of Geophysical Research-Atmospheres*, 2019. 124(14): p. 7813-7824. 地球科学

1538、Sun, L., et al., Impact of environmental change on runoff in a transitional basin: Tao River Basin from the Tibetan Plateau to the Loess Plateau, China. *Advances in Climate Change Research*, 2019. 10(4): p. 214-224. 地球科学

1539、Ma, T.T., et al., Impact of Surface Potential Vorticity Density Forcing over the Tibetan Plateau on the South China Extreme Precipitation in January 2008. Part I: Data Analysis. *Journal of Meteorological Research*, 2019. 33(3): p. 400-415. 地球科学

1540、Qin, Z.K. and X.L. Zou, Impact of AMSU-A Data Assimilation over High Terrains on QPFs Downstream of the Tibetan Plateau. *Journal of the Meteorological Society of Japan*, 2019. 97(6): p. 1137-1154. 地球科学

1541、Ren, Y.F., et al., Hurricane Boundary Layer Height Relative to Storm Motion from GPS Dropsonde Composites. *Atmosphere*, 2019. 10(6): p. 14. 地球科学

1542、Zhao, Y., et al., Effects of the Tibetan Plateau and its second staircase terrain on rainstorms over North China: From the perspective of water vapour transport. *International Journal of Climatology*, 2019. 39(7): p. 3121-3133. 地球科学

1543、Liu, N., et al., Distribution and urban-suburban differences in ground-level ozone and its precursors over Shenyang, China. *Meteorology and Atmospheric Physics*, 2019. 131(3): p. 669-679. 地球科学

1544、Yin, Y.X., et al., Characteristics of summer extreme precipitation in the Huai River basin and their relationship with East Asia summer monsoon during 1960-2014. *International Journal of Climatology*, 2019. 39(3): p. 1555-1570. 地球科学

1545、Cui, J.X., et al., Can reanalysis products with only surface variables assimilated capture Madden-Julian oscillation characteristics? *International Journal of Climatology*, 2020. 40(2): p. 1279-1293. 地球科学

1546、Xie, X.Q., et al., Can kurtosis be an early warning signal for abrupt climate change? *Climate Dynamics*, 2019. 52(11): p. 6863-6876. 地球科学

1547、Xia, X.L., et al., Assimilating Himawari-8 AHI aerosol observations with a rapid-update data assimilation system. *Atmospheric Environment*, 2019. 215: p. 10. 地球科学

1548、Wang, L., et al., Assessment of Different Vegetation Parameters for Parameterizing the Coupled Water Cloud Model and Advanced Integral Equation Model for Soil Moisture Retrieval Using Time Series Sentinel-1A Data. *Photogrammetric Engineering and Remote Sensing*, 2019. 85(1): p. 43-54. 地球科学

1549、Hu, C., et al., Anthropogenic Methane Emission and Its Partitioning for the Yangtze River Delta Region of China. *Journal of Geophysical Research-Biogeosciences*, 2019. 124(5): p. 1148-1170. 地球科学

- 1550、Zhang, Y.C., X. Chen, and C.M. Dong, Anatomy of a Cyclonic Eddy in the Kuroshio Extension Based on High-Resolution Observations. *Atmosphere*, 2019. 10(9): p. 21. 地球科学
- 1551、Chang, Y., et al., Aircraft measurement campaign on summer cloud microphysical properties over the Tibetan Plateau. *Scientific Reports*, 2019. 9: p. 8. 地球科学
- 1552、Yuan, R.M., et al., Aerosol vertical mass flux measurements during heavy aerosol pollution episodes at a rural site and an urban site in the Beijing area of the North China Plain. *Atmospheric Chemistry and Physics*, 2019. 19(20): p. 12857-12874. 地球科学
- 1553、Wang, Y., et al., A New Method for Distinguishing Unactivated Particles in Cloud Condensation Nuclei Measurements: Implications for Aerosol Indirect Effect Evaluation. *Geophysical Research Letters*, 2019. 46(23): p. 14185-14194. 地球科学
- 1554、Zhang, D.P., et al., Verification and Improvement of the Ability of CFSv2 to Predict the Antarctic Oscillation in Boreal Spring. *Advances in Atmospheric Sciences*, 2019. 36(3): p. 292-302. 地球科学
- 1555、Han, T.T., et al., Variation in Principal Modes of Midsummer Precipitation over Northeast China and Its Associated Atmospheric Circulation. *Advances in Atmospheric Sciences*, 2019. 36(1): p. 55-64. 地球科学
- 1556、Zhao, X.F., et al., Top-down estimate of black carbon emissions for city clusters using ground observations: a case study in southern Jiangsu, China. *Atmospheric Chemistry and Physics*, 2019. 19(4): p. 2095-2113. 地球科学
- 1557、Hui, P.H., et al., The impact of radiation parameterization schemes on the regional climate simulations over the CORDEX-EA domain. *Atmospheric Research*, 2019. 224: p. 81-98. 地球科学
- 1558、Gao, S., et al., The Role of Latent Heat Flux in Tropical Cyclogenesis over the Western North Pacific: Comparison of Developing versus Non-Developing Disturbances. *Journal of Marine Science and Engineering*, 2019. 7(2): p. 16. 地球科学
- 1559、Zhang, F.L., G.P. Li, and J. Yue, The Moisture Sources and Transport Processes for a Sudden Rainstorm Associated with Double Low-Level Jets in the Northeast Sichuan Basin of China. *Atmosphere*, 2019. 10(3): p. 19. 地球科学
- 1560、Zhu, K.F., et al., The Impact of Satellite Radiance Data Assimilation within a Frequently Updated Regional Forecast System Using a GSI-based Ensemble Kalman Filter. *Advances in Atmospheric Sciences*, 2019. 36(12): p. 1308-1326. 地球科学
- 1561、Yao, S.X., et al., The 10-30-day oscillation of winter rainfall in southern China and its relationship with circulation patterns in different latitudes. *International Journal of Climatology*, 2020. 40(6): p. 3268-3280. 地球科学
- 1562、Zheng, Y.H., et al., Spatiotemporal Fusion of Satellite Images via Very Deep Convolutional Networks. *Remote Sensing*, 2019. 11(22): p. 16. 地球科学
- 1563、Park, J.H., et al., Role of the western hemisphere warm pool in climate variability over the western North Pacific. *Climate Dynamics*, 2019. 53(5-6): p. 2743-2755. 地球科学
- 1564、Wang, T.J., et al., Review of Chinese atmospheric science research over the past 70 years: Atmospheric physics and atmospheric environment. *Science China-Earth Sciences*, 2019. 62(12): p. 1903-1945. 地球科学
- 1565、Sun, D.Y., et al., Remote Sensing Estimation of Sea Surface Salinity from GOCI Measurements in the Southern Yellow Sea. *Remote Sensing*, 2019. 11(7): p. 17. 地球科学

- 1566、Zhao, H.K., et al., Recent decrease in genesis productivity of tropical cloud clusters over the Western North Pacific. *Climate Dynamics*, 2019. 52(9-10): p. 5819-5831. 地球科学
- 1567、Zhang, X.L., M. Mao, and Y. Yin, Optically effective complex refractive index of coated black carbon aerosols: from numerical aspects. *Atmospheric Chemistry and Physics*, 2019. 19(11): p. 7507-7518. 地球科学
- 1568、Zhang, R.H., et al., Observed structural relationships between ocean chlorophyll variability and its heating effects on the ENSO. *Climate Dynamics*, 2019. 53(9-10): p. 5165-5186. 地球科学
- 1569、Liang, X.Z., et al., Multi-Grid Nesting Ability to Represent Convections Across the Gray Zone. *Journal of Advances in Modeling Earth Systems*, 2019. 11(12): p. 4352-4376. 地球科学
- 1570、Fan, Y.F., et al., Measurements of Magnetic Pulse Bursts During Initial Continuous Current of Negative Rocket-Triggered Lightning. *Journal of Geophysical Research-Atmospheres*, 2019. 124(22): p. 11710-11721. 地球科学
- 1571、Wang, Q., et al., Mapping soil moisture across the Tibetan Plateau plains using Aquarius active and passive L-band microwave observations. *International Journal of Applied Earth Observation and Geoinformation*, 2019. 77: p. 108-118. 地球科学
- 1572、Li, W.K., et al., Intraseasonal variability of Tibetan Plateau snow cover. *International Journal of Climatology*, 2020. 40(7): p. 3451-3466. 地球科学
- 1573、Shi, N., et al., Interdecadal Variations in the Frequency of Persistent Hot Events in Boreal Summer over Midlatitude Eurasia. *Journal of Climate*, 2019. 32(16): p. 5161-5177. 地球科学
- 1574、Hu, D.Z., et al., Interannual Relationship between the Boreal Spring Arctic Oscillation and the Northern Hemisphere Hadley Circulation Extent. *Journal of Climate*, 2019. 32(14): p. 4395-4408. 地球科学
- 1575、Zhu, Y., et al., Interaction between the MJO and High-Frequency Waves over the Maritime Continent in Boreal Winter. *Journal of Climate*, 2019. 32(13): p. 3819-3835. 地球科学
- 1576、Zhang, X.Y., et al., Improving Lake-Breeze Simulation with WRF Nested LES and Lake Model over a Large Shallow Lake. *Journal of Applied Meteorology and Climatology*, 2019. 58(8): p. 1689-1708. 地球科学
- 1577、Yuan, C.X., et al., Impacts of April snow cover extent over Tibetan Plateau and the central Eurasia on Indian Ocean Dipole. *International Journal of Climatology*, 2019. 39(3): p. 1756-1767. 地球科学
- 1578、Hu, S.Q., et al., How does El Nino-Southern Oscillation affect winter fog frequency over eastern China? *Climate Dynamics*, 2020. 54(1-2): p. 1043-1056. 地球科学
- 1579、Gnitou, G.T., et al., Evaluation of the Rossby Centre Regional Climate Model Rainfall Simulations over West Africa Using Large-Scale Spatial and Temporal Statistical Metrics. *Atmosphere*, 2019. 10(12): p. 25. 地球科学
- 1580、Wen, S.S., et al., Estimation of economic losses from tropical cyclones in China at 1.5 degrees C and 2.0 degrees C warming using the regional climate model COSMO-CLM. *International Journal of Climatology*, 2019. 39(2): p. 724-737. 地球科学
- 1581、Chen, Z.B., et al., Estimation of Sea Surface Current from X-Band Marine Radar Images by Cross-Spectrum Analysis. *Remote Sensing*, 2019. 11(9): p. 16. 地球科学
- 1582、Zhou, B.T. and Z.Y. Wang, Enlightenment from heavy autumn rain of West China in 2017: synergic role of atmospheric circulation at mid-high latitudes and oceanic background. *Theoretical and Applied Climatology*, 2019. 138(1-2): p. 263-274. 地球科学
- 1583、Guo, L.Y., et al., Downscaling and projection of summer rainfall in Eastern China using a

nonhomogeneous hidden Markov model. *International Journal of Climatology*, 2019. 39(3): p. 1319-1330. 地球科学

1584、Zhao, Y., et al., Diurnal Variations in Summer Precipitation over the Yellow River Basin. *Advances in Meteorology*, 2019. 2019: p. 10. 地球科学

1585、Wang, Y.Y., et al., Distinct Ultrafine- and Accumulation-Mode Particle Properties in Clean and Polluted Urban Environments. *Geophysical Research Letters*, 2019. 46(19): p. 10918-10925. 地球科学

1586、Yin, Z.C., et al., Different contributions of Arctic sea ice anomalies from different regions to North China summer ozone pollution. *International Journal of Climatology*, 2020. 40(1): p. 559-571. 地球科学

1587、Niu, Z.Y. and X.L. Zou, Development of a New Algorithm to Identify Clear Sky MSU Data Using AMSU-A Data for Verification. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(2): p. 700-708. 地球科学

1588、Jin, C.H., et al., Decadal variability of northern Asian winter monsoon shaped by the 11-year solar cycle. *Climate Dynamics*, 2019. 53(11): p. 6559-6568. 地球科学

1589、Li, Y.W., Cloud Condensation Nuclei Activity and Hygroscopicity of Fresh and Aged Biomass Burning Particles. *Pure and Applied Geophysics*, 2019. 176(1): p. 345-356. 地球科学

1590、Tian, B.Q. and K. Fan, Climate prediction of summer extreme precipitation frequency in the Yangtze River valley based on sea surface temperature in the southern Indian Ocean and ice concentration in the Beaufort Sea. *International Journal of Climatology*, 2020. 40(9): p. 4117-4130. 地球科学

1591、Zhao, Y.B. and X.S. Liang, Causes and underlying dynamic processes of the mid-winter suppression in the North Pacific storm track. *Science China-Earth Sciences*, 2019. 62(5): p. 872-890. 地球科学

1592、Cao, J., B. Wang, and L.B. Ma, Attribution of Global Monsoon Response to the Last Glacial Maximum Forcings. *Journal of Climate*, 2019. 32(19): p. 6589-6605. 地球科学

1593、Zhang, Y.H., et al., Analysis of Dual-Polarimetric Radar Variables and Quantitative Precipitation Estimators for Landfall Typhoons and Squall Lines Based on Disdrometer Data in Southern China. *Atmosphere*, 2019. 10(1): p. 19. 地球科学

1594、Zhang, F., et al., Alternate Mapping Correlated k-Distribution Method for Infrared Radiative Transfer Forward Simulation. *Remote Sensing*, 2019. 11(9): p. 13. 地球科学

1595、Jiang, D.B., Y.Y. Liu, and X.M. Lang, A multi-model analysis of glacier equilibrium line altitudes in western China during the last glacial maximum. *Science China-Earth Sciences*, 2019. 62(8): p. 1241-1255. 地球科学

1596、Li, T. and F. Hu, A coupled moisture-dynamics model of the Madden-Julian oscillation: convection interaction with first and second baroclinic modes and planetary boundary layer. *Climate Dynamics*, 2019. 53(9-10): p. 5529-5546. 地球科学

1597、Xia, Y., et al., A Unified Scheme of Stochastic Physics and Bias Correction in an Ensemble Model to Reduce Both Random and Systematic Errors. *Weather and Forecasting*, 2019. 34(6): p. 1675-1691. 地球科学

1598、Wang, C., B. Wang, and L.G. Wu, A Region-Dependent Seasonal Forecasting Framework for Tropical Cyclone Genesis Frequency in the Western North Pacific. *Journal of Climate*, 2019. 32(23): p. 8415-8435. 地球科学

1599、Gao, L., et al., A Long-Term Historical Aerosol Optical Depth Data Record (1982-2011) Over

- China From AVHRR. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(5): p. 2467-2480. 地球科学
- 1600、Tian, X.J. and H.Q. Zhang, A Big Data-Driven Nonlinear Least Squares Four-Dimensional Variational Data Assimilation Method: Theoretical Formulation and Conceptual Evaluation. *Earth and Space Science*, 2019. 6(8): p. 1430-1439. 地球科学
- 1601、Zheng, G.H., et al., Visible and Near-Infrared Reflectance Spectroscopy Analysis of a Coastal Soil Chronosequence. *Remote Sensing*, 2019. 11(20): p. 19. 地球科学
- 1602、Wang, S., et al., Variability of the Great Whirl and Its Impacts on Atmospheric Processes. *Remote Sensing*, 2019. 11(3): p. 18. 地球科学
- 1603、Liu, Y., et al., Unstable relationship between the Arctic Oscillation and East Asian jet stream in winter and possible mechanisms. *Theoretical and Applied Climatology*, 2019. 135(1-2): p. 13-27. 地球科学
- 1604、Mei, L.L., et al., Understanding MODIS dark-target collection 5 and 6 aerosol data over China: Effect of surface type, aerosol loading and aerosol absorption. *Atmospheric Research*, 2019. 228: p. 161-175. 地球科学
- 1605、Li, X., et al., Underground Measurement of Magnetic Field Pulses During the Early Stage of Rocket-Triggered Lightning. *Journal of Geophysical Research-Atmospheres*, 2019. 124(6): p. 3168-3179. 地球科学
- 1606、Yu, B.K., et al., The intensification of metallic layered phenomena above thunderstorms through the modulation of atmospheric tides. *Scientific Reports*, 2019. 9: p. 13. 地球科学
- 1607、Gao, S.B., et al., The development of a hybrid EnSRF-En3DVar system for convective-scale data assimilation. *Atmospheric Research*, 2019. 229: p. 208-223. 地球科学
- 1608、Wang, S.Z., et al., The Impact of Stochastically Perturbed Parameterizations on Tornadic Supercell Cases in East China. *Monthly Weather Review*, 2019. 147(1): p. 199-220. 地球科学
- 1609、Burrell, A.L., J.P. Evans, and Y. Liu, The Addition of Temperature to the TSS-RESTREND Methodology Significantly Improves the Detection of Dryland Degradation. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(7): p. 2342-2348. 地球科学
- 1610、Zhang, C.P., et al., Synergistic Modern Global 1 Km Cropland Dataset Derived from Multi-Sets of Land Cover Products. *Remote Sensing*, 2019. 11(19): p. 18. 地球科学
- 1611、Xie, Z.L. and B. Wang, Summer Atmospheric Heat Sources over the Western-Central Tibetan Plateau: An Integrated Analysis of Multiple Reanalysis and Satellite Datasets. *Journal of Climate*, 2019. 32(4): p. 1181-1202. 地球科学
- 1612、Yue, S.P., et al., Spatial and temporal variations of wind erosion climatic erosivity in the farming-pastoral zone of Northern China. *Theoretical and Applied Climatology*, 2019. 135(3-4): p. 1339-1348. 地球科学
- 1613、Shi, F.Z., et al., Spatial Variations of Climate-Driven Trends of Water Vapor Pressure and Relative Humidity in Northwest China. *Asia-Pacific Journal of Atmospheric Sciences*, 2019. 55(2): p. 221-231. 地球科学
- 1614、Fu, Y., et al., Sensitivity of the simulated CO₂ concentration to inter-annual variations of its sources and sinks over East Asia. *Advances in Climate Change Research*, 2019. 10(4): p. 250-263. 地球科学
- 1615、Hu, H., et al., Remote Sensing of Tropical Cyclone Thermal Structure from Satellite Microwave Sounding Instruments: Impacts of Background Profiles on Retrievals. *Journal of*

Meteorological Research, 2019. 33(1): p. 89-103. 地球科学

1616、Li, J., N.N. Li, and R.C. Yu, Regional Differences in Hourly Precipitation Characteristics along the Western Coast of South China. *Journal of Applied Meteorology and Climatology*, 2019. 58(12): p. 2717-2732. 地球科学

1617、Hu, T. and Y. Sun, Projected changes in extreme warm and cold temperatures in China from 1.5 to 5 degrees C global warming. *International Journal of Climatology*, 2020. 40(8): p. 3942-3953. 地球科学

1618、Zhen, Z.X., et al., Phthalate esters in atmospheric PM_{2.5} at Mount Tai, north China plain: Concentrations and sources in the background and urban area. *Atmospheric Environment*, 2019. 213: p. 505-514. 地球科学

1619、Wang, S.Z. and Y.M. Ma, On the simulation of sensible heat flux over the Tibetan Plateau using different thermal roughness length parameterization schemes. *Theoretical and Applied Climatology*, 2019. 137(3-4): p. 1883-1893. 地球科学

1620、Zhan, M.J., et al., Observed Exposure of Population and Gross Domestic Product to Extreme Precipitation Events in the Poyang Lake Basin, China. *Atmosphere*, 2019. 10(12): p. 15. 地球科学

1621、Yang, Y. and X.S. Liang, New Perspectives on the Generation and Maintenance of the Kuroshio Large Meander. *Journal of Physical Oceanography*, 2019. 49(8): p. 2095-2113. 地球科学

1622、Li, G.S., et al., More Extreme Precipitation in Chinese Deserts from 1960 to 2018. *Earth and Space Science*, 2019. 6(7): p. 1196-1204. 地球科学

1623、Wang, Q.Y., et al., Modulation of tropical cyclone tracks over the western North Pacific by intra-seasonal Indo-western Pacific convection oscillation during the boreal extended summer. *Climate Dynamics*, 2019. 52(1-2): p. 913-927. 地球科学

1624、Wang, L., T. Li, and L. Chen, Modulation of the Madden-Julian oscillation on the energetics of wintertime synoptic-scale disturbances. *Climate Dynamics*, 2019. 52(7-8): p. 4861-4871. 地球科学

1625、Wang, S.X., et al., Interpreting Rainfall Anomalies Using Rainfall's Nonnegative Nature. *Geophysical Research Letters*, 2019. 46(1): p. 426-434. 地球科学

1626、Huang, Y., et al., Interdecadal Indian Ocean Basin Mode Driven by Interdecadal Pacific Oscillation: A Season-Dependent Growth Mechanism. *Journal of Climate*, 2019. 32(7): p. 2057-2073. 地球科学

1627、Vaid, B.H. and X. San Liang, Influence of tropospheric temperature gradient on the boreal wintertime precipitation over East Asia. *Terrestrial Atmospheric and Oceanic Sciences*, 2019. 30(2): p. 161-170. 地球科学

1628、Dong, J.H., et al., Impacts of Mesoscale Currents on the Diurnal Critical Latitude Dependence of Internal Tides: A Numerical Experiment Based on Barcoo Seamount. *Journal of Geophysical Research-Oceans*, 2019. 124(4): p. 2452-2471. 地球科学

1629、Liu, C.P., et al., Future haze events in Beijing, China: When climate warms by 1.5 and 2.0 degrees C. *International Journal of Climatology*, 2020. 40(8): p. 3689-3700. 地球科学

1630、Ma, C., et al., Effects of background state on tropical cyclone size over the Western North Pacific and Northern Atlantic. *Climate Dynamics*, 2019. 52(7-8): p. 4143-4156. 地球科学

1631、Jia, H., et al., Distinct Impacts of Increased Aerosols on Cloud Droplet Number Concentration of Stratus/Stratocumulus and Cumulus. *Geophysical Research Letters*, 2019. 46(22):

- p. 13517-13525. 地球科学
- 1632、Jin, C.H., et al., Decadal Variations of the East Asian Summer Monsoon Forced by the 11-Year Insolation Cycle. *Journal of Climate*, 2019. 32(10): p. 2735-2745. 地球科学
- 1633、Liu, Z.D., et al., Contribution of Meteorological Conditions to the Variation in Winter PM_{2.5} Concentrations from 2013 to 2019 in Middle-Eastern China. *Atmosphere*, 2019. 10(10): p. 18. 地球科学
- 1634、Wang, J., et al., Contrasting Aerosol Optical Characteristics and Source Regions During Summer and Winter Pollution Episodes in Nanjing, China. *Remote Sensing*, 2019. 11(14): p. 20. 地球科学
- 1635、Shi, X.J., W.T. Zhang, and J.J. Liu, Comparison of Anthropogenic Aerosol Climate Effects among Three Climate Models with Reduced Complexity. *Atmosphere*, 2019. 10(8): p. 21. 地球科学
- 1636、Qi, H.X., et al., Comparative Study on Probabilistic Forecasts of Heavy Rainfall in Mountainous Areas of the Wujiang River Basin in China Based on TIGGE Data. *Atmosphere*, 2019. 10(10): p. 15. 地球科学
- 1637、Huang, J., et al., Climatology of rainfall erosivity during 1961-2012 in Jiangsu Province, southeast China. *Natural Hazards*, 2019. 98(3): p. 1155-1168. 地球科学
- 1638、Zhang, Y.H. and S.Y. Li, Climatological characteristics of planetary boundary layer height over Japan. *International Journal of Climatology*, 2019. 39(10): p. 4015-4028. 地球科学
- 1639、Lou, S.J., et al., Black Carbon Increases Frequency of Extreme ENSO Events. *Journal of Climate*, 2019. 32(23): p. 8323-8333. 地球科学
- 1640、Shan, H.X. and C.M. Dong, Atmospheric responses to oceanic mesoscale eddies based on an idealized model. *International Journal of Climatology*, 2019. 39(3): p. 1665-1683. 地球科学
- 1641、Mu, L.J., et al., Arctic Ice Ocean Prediction System: evaluating sea-ice forecasts during Xuelong's first trans-Arctic Passage in summer 2017. *Journal of Glaciology*, 2019. 65(253): p. 813-821. 地球科学
- 1642、Feng, J.J., et al., Analysis of summer Antarctic sea ice anomalies associated with the spring Indian Ocean dipole. *Global and Planetary Change*, 2019. 181: p. 9. 地球科学
- 1643、Jing, X.Q., et al., Ambient Factors Controlling the Wintertime Precipitation Distribution across Mountain Ranges in the Interior Western United States. Part II: Changes in Orographic Precipitation Distribution in a Pseudo-Global Warming Simulation. *Journal of Applied Meteorology and Climatology*, 2019. 58(4): p. 695-715. 地球科学
- 1644、Wu, K., et al., Accounting for Several Infrared Radiation Processes in Climate Models. *Journal of Climate*, 2019. 32(15): p. 4601-4620. 地球科学
- 1645、Yu, E.T., A Warmer, Wetter and Less Windy China in the Twenty-First Century as Projected by a Nested High-Resolution Simulation Using the Weather Research and Forecasting (WRF) Model. *Asia-Pacific Journal of Atmospheric Sciences*, 2019. 55(1): p. 53-74. 地球科学
- 1646、Chen, D., Y. Gao, and H.J. Wang, Why Was the August Rainfall Pattern in the East Asia-Pacific Ocean Region in 2016 Different from That in 1998 under a Similar Preceding El Nino Background? *Journal of Climate*, 2019. 32(18): p. 5785-5797. 地球科学
- 1647、Cheng, J., et al., Varying Sensitivity of East Asia Summer Monsoon Circulation to Temperature Change Since Last Glacial Maximum. *Geophysical Research Letters*, 2019. 46(15): p. 9103-9109. 地球科学
- 1648、Jiang, N.X., Q. Yan, and H.J. Wang, Variation of the summer Asian westerly jet over the last

millennium based on the PMIP3 simulations. *Holocene*, 2020. 30(2): p. 332-343. 地球科学

1649、Ma, H.Y., et al., Unexpected large-scale atmospheric response to urbanization in East China. *Climate Dynamics*, 2019. 52(7-8): p. 4293-4303. 地球科学

1650、Susanto, R.D., J.Y. Pan, and A.T. Devlin, Tidal Mixing Signatures in the Hong Kong Coastal Waters from Satellite-Derived Sea Surface Temperature. *Remote Sensing*, 2019. 11(1): p. 12. 地球科学

1651、Xie, X.Q., et al., The robustness of the skewness as an early warning signal for abrupt climate change. *International Journal of Climatology*, 2019. 39(15): p. 5672-5687. 地球科学

1652、Zhang, M., et al., The current variation along the discharge channel in cloud-to-ground lightning. *Atmospheric Research*, 2019. 225: p. 121-130. 地球科学

1653、Liu, C.W., et al., Surface Energy Budget Observed for Winter Wheat in the North China Plain During a Fog-Haze Event. *Boundary-Layer Meteorology*, 2019. 170(3): p. 489-505. 地球科学

1654、Yang, Y., et al., Superpixel-based automatic image recognition for landslide deformation areas. *Engineering Geology*, 2019. 259: p. 12. 地球科学

1655、Shi, N., et al., Subseasonal Influences of Teleconnection Patterns on the Boreal Wintertime Surface Air Temperature over Southern China as Revealed from Three Reanalysis Datasets. *Atmosphere*, 2019. 10(9): p. 19. 地球科学

1656、Yu, Y.Y., et al., Sub-seasonal prediction skill for the stratospheric meridional mass circulation variability in CFSv2. *Climate Dynamics*, 2019. 53(1-2): p. 631-650. 地球科学

1657、Song, Y.M., et al., Soil Moisture Memory and Its Effect on the Surface Water and Heat Fluxes on Seasonal and Interannual Time Scales. *Journal of Geophysical Research-Atmospheres*, 2019. 124(20): p. 10730-10741. 地球科学

1658、Zhang, S.K., et al., Simulation Analysis of a Ventilation System in a Smart Broiler Chamber Based on Computational Fluid Dynamics. *Atmosphere*, 2019. 10(6): p. 17. 地球科学

1659、Shou, Y.X., et al., Satellite-based Observational Study of the Tibetan Plateau Vortex: Features of Deep Convective Cloud Tops. *Advances in Atmospheric Sciences*, 2019. 36(2): p. 189-205. 地球科学

1660、Zhi, H., et al., Salinity effects on the 2014 warm "Blob" in the Northeast Pacific. *Acta Oceanologica Sinica*, 2019. 38(9): p. 24-34. 地球科学

1661、Han, G.Q., et al., SST Anomalies in the Mozambique Channel Using Remote Sensing and Numerical Modeling Data. *Remote Sensing*, 2019. 11(9): p. 17. 地球科学

1662、Liu, Y., et al., Role of autumn Arctic Sea ice in the subsequent summer precipitation variability over East Asia. *International Journal of Climatology*, 2020. 40(2): p. 706-722. 地球科学

1663、Chen, S.N., et al., Risk evaluation of solar greenhouse cucumbers low temperature disaster based on GIS spatial analysis in Tianjin, China. *Geomatics Natural Hazards & Risk*, 2019. 10(1): p. 576-598. 地球科学

1664、Cheng, C., et al., Responses of sub-ice platelet layer thickening rate and frazil-ice concentration to variations in ice-shelf water supercooling in McMurdo Sound, Antarctica. *Cryosphere*, 2019. 13(1): p. 265-280. 地球科学

1665、Wang, R., et al., Relationship between Extreme Precipitation and Temperature in Two Different Regions: The Tibetan Plateau and Middle-East China. *Journal of Meteorological Research*, 2019. 33(5): p. 870-884. 地球科学

1666、Yang, S.Y., et al., Regulation of the intraseasonal oscillation over mid-to-high latitude

Eurasia on winter surface air temperature over China. *Dynamics of Atmospheres and Oceans*, 2019. 86: p. 63-72. 地球科学

1667、Sun, C.H., et al., Possible impact of North Atlantic warming on the decadal change in the dominant modes of winter Eurasian snow water equivalent during 1979-2015. *Climate Dynamics*, 2019. 53(9-10): p. 5203-5213. 地球科学

1668、Qian, Y., et al., On the Mechanisms of the Active 2018 Tropical Cyclone Season in the North Pacific. *Geophysical Research Letters*, 2019. 46(21): p. 12293-12302. 地球科学

1669、Fang, H., et al., Ocean Surface Wind Speed Retrieval Using Simulated RADARSAT Constellation Mission Compact Polarimetry SAR Data. *Remote Sensing*, 2019. 11(16): p. 14. 地球科学

1670、Cao, X., et al., Northwestwards shift of tropical cyclone genesis position during autumn over the western North Pacific after the late 1990s. *International Journal of Climatology*, 2020. 40(3): p. 1885-1899. 地球科学

1671、Shi, F., et al., Monopole Mode of Precipitation in East Asia Modulated by the South China Sea Over the Last Four Centuries. *Geophysical Research Letters*, 2019. 46(24): p. 14713-14722. 地球科学

1672、Zhang, R., et al., Modeling the late Pliocene global monsoon response to individual boundary conditions. *Climate Dynamics*, 2019. 53(7-8): p. 4871-4886. 地球科学

1673、Wang, X.H., T. Li, and M.C. Chen, Mechanism for asymmetric atmospheric responses in the western North Pacific to El Nino and La Nina. *Climate Dynamics*, 2019. 53(7-8): p. 3957-3969. 地球科学

1674、Fan, L., et al., Mapping Soil Moisture at a High Resolution over Mountainous Regions by Integrating In Situ Measurements, Topography Data, and MODIS Land Surface Temperatures. *Remote Sensing*, 2019. 11(6): p. 17. 地球科学

1675、Li, Q., et al., Loading and Bioavailability of Colloidal Phosphorus in the Estuarine Gradient of the Deer Creek-Susquehanna River Transect in the Chesapeake Bay. *Journal of Geophysical Research-Biogeosciences*, 2019. 124(12): p. 3717-3726. 地球科学

1676、Dong, L.L., et al., Linkage between moisture transport over the Yangtze River Basin and a critical area of the Tibetan Plateau during the Meiyu. *Climate Dynamics*, 2019. 53(5-6): p. 2643-2662. 地球科学

1677、Cai, J.X., et al., Interdecadal variability of El Nino onset and its impact on monsoon systems over areas encircling the Pacific Ocean. *Climate Dynamics*, 2019. 52(12): p. 7173-7188. 地球科学

1678、Hagan, D.F.T., et al., Inter-comparing and improving land surface temperature estimates from passive microwaves over the Jiangsu province of the People's Republic of China. *International Journal of Remote Sensing*, 2019. 40(14): p. 5563-5584. 地球科学

1679、Zhang, J.Y., H. Wang, and F. Liu, Inter-Annual Variability of Boreal Summer Intra-Seasonal Oscillation Propagation from the Indian Ocean to the Western Pacific. *Atmosphere*, 2019. 10(10): p. 12. 地球科学

1680、Zheng, M.M., et al., Initial Cost Barrier of Ammonia Control in Central China. *Geophysical Research Letters*, 2019. 46(23): p. 14175-14184. 地球科学

1681、Xu, J.X., et al., Impacts of relative humidity on fine aerosol properties via environmental wind tunnel experiments. *Atmospheric Environment*, 2019. 206: p. 21-29. 地球科学

1682、Zhou, L.H., et al., Impacts of Chemical and Synoptic Processes on Summer Tropospheric

Ozone Trend in North China. *Advances in Meteorology*, 2019. 2019: p. 14. 地球科学

1683、He, Z., et al., Factors Limiting the Forecast Skill of the Boreal Summer Intraseasonal Oscillation in a Subseasonal-to-Seasonal Model. *Advances in Atmospheric Sciences*, 2019. 36(1): p. 104-118. 地球科学

1684、Yan, Q., et al., Evolution of tropical cyclone genesis regions during the Cenozoic era. *Nature Communications*, 2019. 10: p. 9. 地球科学

1685、Tao, L.L., et al., Estimation of soil moisture using a vegetation scattering model in wheat fields. *Journal of Applied Remote Sensing*, 2019. 13(4): p. 16. 地球科学

1686、Li, N., et al., Estimation of Surface Heat Fluxes Over the Central Tibetan Plateau using the Maximum Entropy Production Model. *Journal of Geophysical Research-Atmospheres*, 2019. 124(13): p. 6827-6840. 地球科学

1687、Gao, Y.X., P.C. Hsu, and T. Li, Effects of high-frequency activity on latent heat flux of MJO. *Climate Dynamics*, 2019. 52(3-4): p. 1471-1485. 地球科学

1688、Xu, D.M., F.F. Shen, and J.Z. Min, Effect of Adding Hydrometeor Mixing Ratios Control Variables on Assimilating Radar Observations for the Analysis and Forecast of a Typhoon. *Atmosphere*, 2019. 10(7): p. 15. 地球科学

1689、Hu, D.Z., et al., Dynamical connection between the stratospheric Arctic vortex and sea surface temperatures in the North Atlantic. *Climate Dynamics*, 2019. 53(11): p. 6979-6993. 地球科学

1690、Yan, Z.Y., et al., Does monsoon gyre always favour tropical cyclone rapid intensification? *Quarterly Journal of the Royal Meteorological Society*, 2019. 145(723): p. 2685-2697. 地球科学

1691、Shi, H., et al., Decadal-Multidecadal Variations of Asian Summer Rainfall from the Little Ice Age to the Present. *Journal of Climate*, 2019. 32(22): p. 7663-7674. 地球科学

1692、Wang, H. and D.L. Li, Decadal variability in summer precipitation over eastern China and its response to sensible heat over the Tibetan Plateau since the early 2000s. *International Journal of Climatology*, 2019. 39(3): p. 1604-1617. 地球科学

1693、Wang, Z.Y., et al., Comparison of two severe low-temperature snowstorm and ice freezing events in China: Role of Eurasian mid-high latitude circulation patterns. *International Journal of Climatology*, 2020. 40(7): p. 3436-3450. 地球科学

1694、You, Q.L., J.J. Liu, and N. Pepin, Changes of summer cloud water content in China from ERA-Interim reanalysis. *Global and Planetary Change*, 2019. 175: p. 201-210. 地球科学

1695、Pu, Y.J., et al., Broadband Characteristics of Chaotic Pulse Trains Associated With Sequential Dart Leaders in a Rocket-Triggered Lightning Flash. *Journal of Geophysical Research-Atmospheres*, 2019. 124(7): p. 4074-4085. 地球科学

1696、Cai, B., et al., Autumn Cold Surge Paths over North China and the Associated Atmospheric Circulation. *Atmosphere*, 2019. 10(3): p. 15. 地球科学

1697、Jin, S.G., C. Gao, and J.H. Li, Atmospheric Sounding from Fengyun-3C GPS Radio Occultation Observations: First Results and Validation. *Advances in Meteorology*, 2019. 2019: p. 13. 地球科学

1698、Xu, H.M., et al., Assessment of climate change impact and difference on the river runoff in four basins in China under 1.5 and 2.0 degrees C global warming. *Hydrology and Earth System Sciences*, 2019. 23(10): p. 4219-4231. 地球科学

1699、Chen, C.L., et al., Anomalous Circulation Patterns in Association with Summertime Regional Daily Precipitation Extremes over Northeast China. *Advances in Meteorology*, 2019. 2019: p. 9.

地球科学

- 1700、Hua, L.J., et al., An Assessment of ENSO Stability in CAMS Climate System Model Simulations. *Journal of Meteorological Research*, 2019. 33(1): p. 80-88. 地球科学
- 1701、Tang, J., X.L. Guo, and Y. Chang, A Numerical Investigation on Microphysical Properties of Clouds and Precipitation over the Tibetan Plateau in Summer 2014. *Journal of Meteorological Research*, 2019. 33(3): p. 463-477. 地球科学
- 1702、Zhang, J.Q., et al., A Novel Method for Estimating the Vertical Velocity of Air with a Descending Radiosonde System. *Remote Sensing*, 2019. 11(13): p. 17. 地球科学
- 1703、Xu, X. and X. Zou, A Modified Ice Water Path Retrieval Algorithm Applicable to the ATMS. *Tellus Series a-Dynamic Meteorology and Oceanography*, 2019. 71(1): p. 14. 地球科学
- 1704、Mei, L.L., et al., A Critical Evaluation of Deep Blue Algorithm Derived AVHRR Aerosol Product Over China. *Journal of Geophysical Research-Atmospheres*, 2019. 124(22): p. 12173-12193. 地球科学
- 1705、Tian, Z.P. and D.B. Jiang, Weakening and eastward shift of the tropical Pacific Walker circulation during the Last Glacial Maximum. *Boreas*, 2020. 49(1): p. 200-210. 地球科学
- 1706、He, C., Y.H. Wang, and T. Li, Weakened Impact of the Developing El Nino on Tropical Indian Ocean Climate Variability under Global Warming. *Journal of Climate*, 2019. 32(21): p. 7265-7279. 地球科学
- 1707、Zhang, D.P., Y.Y. Huang, and B. Sun, Verification and Improvement of the Capability of ENSEMBLES to Predict the Winter Arctic Oscillation. *Earth and Space Science*, 2019. 6(10): p. 1887-1899. 地球科学
- 1708、Wang, Z.Y., J.L. Wang, and S.J. Zhang, Variations of the global annual mean surface temperature during the past 2000 years: results from the CESM1. *Theoretical and Applied Climatology*, 2019. 137(3-4): p. 2877-2887. 地球科学
- 1709、Liang, X., et al., Using Sea Surface Temperature Observations to Constrain Upper Ocean Properties in an Arctic Sea Ice-Ocean Data Assimilation System. *Journal of Geophysical Research-Oceans*, 2019. 124(7): p. 4727-4743. 地球科学
- 1710、Wang, G., et al., Typhoon Cloud System Identification and Forecasting Using the Feng-Yun 4A/Advanced Geosynchronous Radiation Imager Based on an Improved Fuzzy Clustering and Optical Flow Method. *Advances in Meteorology*, 2019. 2019: p. 11. 地球科学
- 1711、Ren, R.C., X. Xia, and J. Rao, Topographic Forcing from East Asia and North America in the Northern Winter Stratosphere and Their Mutual Interference. *Journal of Climate*, 2019. 32(24): p. 8639-8658. 地球科学
- 1712、Zhang, Y.H., et al., The Tropopause Inversion Layer Interaction With the Inertial Gravity Wave Activities and Its Latitudinal Variability. *Journal of Geophysical Research-Atmospheres*, 2019. 124(14): p. 7512-7522. 地球科学
- 1713、Vaid, B.H. and X.S. Liang, The Out-of-Phase Variation in Vertical Thermal Contrast Over the Western and Eastern Sides of the Northern Tibetan Plateau. *Pure and Applied Geophysics*, 2019. 176(12): p. 5337-5348. 地球科学
- 1714、Hu, L.S., et al., Synoptic Features Responsible for Heat Waves in Central Africa, a Region with Strong Multidecadal Trends. *Journal of Climate*, 2019. 32(22): p. 7951-7970. 地球科学
- 1715、You, Q.L., et al., Surface pressure and elevation correction from observation and multiple reanalyses over the Tibetan Plateau. *Climate Dynamics*, 2019. 53(9-10): p. 5893-5908. 地球科学

- 1716、Hu, D.Z., Z.Y. Guan, and W.S. Tian, Signatures of the Arctic Stratospheric Ozone in Northern Hadley Circulation Extent and Subtropical Precipitation. *Geophysical Research Letters*, 2019. 46(21): p. 12340-12349. 地球科学
- 1717、Wu, J. and X.J. Gao, SIMULATION OF TROPICAL CYCLONES OVER THE WESTERN NORTH PACIFIC AND LANDFALLING IN CHINA BY REGCM4. *Journal of Tropical Meteorology*, 2019. 25(4): p. 437-447. 地球科学
- 1718、Ma, H.D., et al., Robust Solar Signature in Late Winter Precipitation Over Southern China. *Geophysical Research Letters*, 2019. 46(16): p. 9940-9948. 地球科学
- 1719、Zhang, L., et al., Radiometric Cross-Calibration for Multiple Sensors with the Moon as an Intermediate Reference. *Journal of Meteorological Research*, 2019. 33(5): p. 925-933. 地球科学
- 1720、Ming, H., M. Wei, and M.Z. Wang, Quantitative Detection of Dust Storms with the Millimeter Wave Radar in the Taklimakan Desert. *Atmosphere*, 2019. 10(9): p. 18. 地球科学
- 1721、Zhang, L.J. and L.S. Li, People-oriented emergency response mechanism-An example of the emergency work when typhoon Meranti stroked Xiamen. *International Journal of Disaster Risk Reduction*, 2019. 38: p. 9. 地球科学
- 1722、Liu, C.W., et al., On the surface fluxes characteristics and roughness lengths at Zhongshan station, Antarctica. *International Journal of Digital Earth*, 2019. 12(8): p. 878-892. 地球科学
- 1723、Ding, L.D., et al., On the Westward Turning of Hurricane Sandy (2012): Effect of Atmospheric Intraseasonal Oscillations. *Journal of Climate*, 2019. 32(20): p. 6859-6873. 地球科学
- 1724、Yi, Y.C., J.T. Johnson, and X.C. Wang, On the Estimation of Wind Speed Diurnal Cycles Using Simulated Measurements of CYGNSS and ASCAT. *Ieee Geoscience and Remote Sensing Letters*, 2019. 16(2): p. 168-172. 地球科学
- 1725、Wang, T.S., et al., Observational Study on the Supercooled Fog Droplet Spectrum Distribution and Icing Accumulation Mechanism in Lushan, Southeast China. *Advances in Atmospheric Sciences*, 2019. 36(1): p. 29-40. 地球科学
- 1726、Li, Y., et al., Near-equatorial tropical cyclone formation in western North Pacific: peak season and controlling parameter. *Climate Dynamics*, 2019. 52(5-6): p. 2765-2773. 地球科学
- 1727、Xiao, H., et al., NUMERICAL PREDICTION OF AN EXTREME RAINSTORM OVER THE PEARL RIVER DELTA REGION ON 7 MAY 2017 BASED ON WRF-ENKF. *Journal of Tropical Meteorology*, 2019. 25(3): p. 312-323. 地球科学
- 1728、Han, X., et al., Modulation of boreal extended summer tropical cyclogenesis over the northwest Pacific by the quasi-biweekly oscillation under different El Nino-southern oscillation phases. *International Journal of Climatology*, 2020. 40(2): p. 858-873. 地球科学
- 1729、Tan, S.C., X. Zhang, and G.Y. Shi, MODIS Cloud Detection Evaluation Using CALIOP over Polluted Eastern China. *Atmosphere*, 2019. 10(6): p. 14. 地球科学
- 1730、Zhang, Z.M., et al., Interdecadal Variations of the Midlatitude Ozone Valleys in Summer. *Atmosphere*, 2019. 10(11): p. 17. 地球科学
- 1731、Lin, G., et al., Interactions between a Nocturnal MCS and the Stable Boundary Layer as Observed by an Airborne Compact Raman Lidar during PECAN. *Monthly Weather Review*, 2019. 147(9): p. 3169-3189. 地球科学
- 1732、Si, D., P. Zhao, and M.H. Wang, Inter-decadal change of the middle-upper tropospheric land-sea thermal contrast in the late 1990s and the associated Northern Hemisphere hydroclimate. *International Journal of Climatology*, 2019. 39(7): p. 3271-3281. 地球科学

- 1733、Wang, R.F. and L.G. Wu, Influence of Track Changes on the Poleward Shift of LMI Location of Western North Pacific Tropical Cyclones. *Journal of Climate*, 2019. 32(23): p. 8437-8445. 地球科学
- 1734、Tong, B., et al., Improving Soil Heat Flux Accuracy with the Philip Correction Technique. *Journal of Hydrometeorology*, 2019. 20(7): p. 1435-1448. 地球科学
- 1735、Zhan, T.M., et al., Hyperspectral classification using an adaptive spectral-spatial kernel-based low-rank approximation. *Remote Sensing Letters*, 2019. 10(8): p. 766-775. 地球科学
- 1736、Zhou, X., et al., Evaluation of Surface Radiative Fluxes over the Tropical Oceans in AMIP Simulations. *Atmosphere*, 2019. 10(10): p. 20. 地球科学
- 1737、Yang, Y., et al., Effects of western Pacific intraseasonal convection on surface air temperature anomalies over North America. *International Journal of Climatology*, 2020. 40(6): p. 2913-2923. 地球科学
- 1738、Xu, J.W., et al., Downstream effect of Hengduan Mountains on East China in the REMO regional climate model. *Theoretical and Applied Climatology*, 2019. 135(3-4): p. 1641-1658. 地球科学
- 1739、Cao, X., et al., Contribution of Different Time-Scale Variations to the Tropical Cyclogenesis Environment over the Northern Tropical Atlantic and Comparison with the Western North Pacific. *Journal of Climate*, 2019. 32(19): p. 6645-6661. 地球科学
- 1740、Zhao, H.K., et al., Consistent Late Onset of the Western North Pacific Tropical Cyclone Season Following major El Nino Events. *Journal of the Meteorological Society of Japan*, 2019. 97(3): p. 673-688. 地球科学
- 1741、Lin, H., et al., Comparisons of delta-Two-Stream and delta-Four-Stream Radiative Transfer Schemes in RRTMG for Solar Spectra. *Sola*, 2019. 15: p. 87-93. 地球科学
- 1742、Li, Z.X., et al., Comparative study of carboxylic acid adsorption on calcite: l-malic acid, d-malic acid and succinic acid. *Carbonates and Evaporites*, 2019. 34(3): p. 1131-1139. 地球科学
- 1743、Zhu, Y.L., et al., Changes in the Interannual Summer Drought Variation Along With the Regime Shift Over Northwest China in the Late 1980s. *Journal of Geophysical Research-Atmospheres*, 2019. 124(6): p. 2868-2881. 地球科学
- 1744、Yang, D.D., H. Zhang, and J.N. Li, Changes in concentrations of fine and coarse particles under the CO₂-induced global warming. *Atmospheric Research*, 2019. 230: p. 12. 地球科学
- 1745、Li, M.X., et al., CFD Simulation of the Wind Field in Jinjiang City Using a Building Data Generalization Method. *Atmosphere*, 2019. 10(6): p. 22. 地球科学
- 1746、Zhang, G.S., et al., C-Band Right-Circular Polarization Ocean Wind Retrieval. *IEEE Geoscience and Remote Sensing Letters*, 2019. 16(9): p. 1398-1401. 地球科学
- 1747、Wang, S.X., et al., Asymmetric impact of East Asian jet's variation on midsummer rainfall in North China and Yangtze River Valley. *Climate Dynamics*, 2019. 53(9-10): p. 6199-6213. 地球科学
- 1748、Wang, L.W., M. Tian, and Y.F. Zheng, Assessment and improvement of the Cloud Emission and Scattering Index (CESI) - an algorithm for cirrus detection. *International Journal of Remote Sensing*, 2019. 40(14): p. 5366-5387. 地球科学
- 1749、Ming, H., et al., Analysis of fog at Xianyang Airport based on multi-source ground-based detection data. *Atmospheric Research*, 2019. 220: p. 34-45. 地球科学
- 1750、Wang, S.Z. and Z.Q. Liu, A radar reflectivity operator with ice-phase hydrometeors for

variational data assimilation (version 1.0) and its evaluation with real radar data. *Geoscientific Model Development*, 2019. 12(9): p. 4031-4051. 地球科学

1751、Zhou, X.C., D.B. Jiang, and X.M. Lang, A multi-model analysis of 'Little Ice Age' climate over China. *Holocene*, 2019. 29(4): p. 592-605. 地球科学

1752、Wu, T.J., J.Z. Min, and S. Wu, A comparison of the rainfall forecasting skills of the WRF ensemble forecasting system using SPCPT and other cumulus parameterization error representation schemes. *Atmospheric Research*, 2019. 218: p. 160-175. 地球科学

1753、Das, S., D.H. Zhu, and C.H. Cheng, A Regional Approach of Decadal Assessment of Extreme Precipitation Estimates: A Case Study in the Yangtze River Basin, China. *Pure and Applied Geophysics*, 2020. 177(2): p. 1079-1093. 地球科学

1754、Shen, W.B., Z.K. Qin, and Z.H. Lin, A New Restoration Method for Radio Frequency Interference Effects on AMSR-2 over North America. *Remote Sensing*, 2019. 11(24): p. 17. 地球科学

1755、Liu, B.C., et al., A New Azimuth Ambiguity Suppression Algorithm for Surface Current Measurement in Coastal Waters and Rivers With Along-track InSAR. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(6): p. 3148-3165. 地球科学

1756、Lyu, M.X., X.N. Jiang, and Z.W. Wu, A Cautionary Note on the Long-term Trend in Activity of the Madden-Julian Oscillation During the Past Decades. *Geophysical Research Letters*, 2019. 46(23): p. 14063-14071. 地球科学

1757、Wang, Y.D., et al., Winter Weather Regimes in Southeastern China and its Intraseasonal Variations. *Atmosphere*, 2019. 10(5): p. 17. 地球科学

1758、Zhang, R., D.B. Jiang, and Z.S. Zhang, Vegetation and Ocean Feedbacks on the Asian Climate Response to the Uplift of the Tibetan Plateau. *Journal of Geophysical Research-Atmospheres*, 2019. 124(12): p. 6327-6341. 地球科学

1759、Ji, R.B., et al., Variability of primary production among basins in the East/Japan Sea: Role of water column stability in modulating nutrient and light availability. *Progress in Oceanography*, 2019. 178: p. 11. 地球科学

1760、Song, B., et al., Turbulent Heat Flux Reconstruction in the North Pacific from 1921 to 2014. *Journal of the Meteorological Society of Japan*, 2019. 97(4): p. 893-911. 地球科学

1761、Yan, Y.C., et al., Trends in summer air temperature and vapor pressure and their impacts on thermal comfort in China. *Theoretical and Applied Climatology*, 2019. 138(3-4): p. 1445-1456. 地球科学

1762、Liao, G.H., et al., Three-Dimensional Baroclinic Eddies in the Ocean: Evolution, Propagation, Overall Structures, and Angular Models. *Journal of Physical Oceanography*, 2019. 49(10): p. 2571-2599. 地球科学

1763、Yang, Y. and X.S. Liang, The intrinsic nonlinear multiscale interactions among the mean flow, low frequency variability and mesoscale eddies in the Kuroshio region. *Science China-Earth Sciences*, 2019. 62(3): p. 595-608. 地球科学

1764、Chen, S.J., et al., The diversity of La Nina decay and the corresponding spring and summer precipitation anomalies over eastern China. *International Journal of Climatology*, 2019. 39(7): p. 3396-3411. 地球科学

1765、Zhao, Y.B., et al., The asymmetric eddy background flow interaction in the North Pacific storm track. *Quarterly Journal of the Royal Meteorological Society*, 2019. 145(719): p. 575-596. 地球科学

- 1766、Yang, Y.M., J.Y. Lee, and B. Wang, The Tibetan Plateau Uplift is Crucial for Eastward Propagation of Madden-Julian Oscillation. *Scientific Reports*, 2019. 9: p. 9. 地球科学
- 1767、Bi, S.B., et al., Temporal and spatial characteristics of droughts and floods in northern China from 1644 to 1911. *Journal of Earth System Science*, 2019. 128(4): p. 19. 地球科学
- 1768、Bao, S.H., et al., Spatiotemporal distributions of cloud radiative forcing and response to cloud parameters over the Mongolian Plateau during 2003-2017. *International Journal of Climatology*, 2020. 40(9): p. 4082-4101. 地球科学
- 1769、Yang, Y. and X.S. Liang, Spatiotemporal Variability of the Global Ocean Internal Processes Inferred from Satellite Observations. *Journal of Physical Oceanography*, 2019. 49(8): p. 2147-2164. 地球科学
- 1770、Yin, Y.X., et al., Spatiotemporal Changes and Frequency Analysis of Multiday Extreme Precipitation in the Huai River Basin during 1960 to 2014. *Advances in Meteorology*, 2019. 2019: p. 12. 地球科学
- 1771、Calabia, A. and S.G. Jin, Solar cycle, seasonal, and asymmetric dependencies of thermospheric mass density disturbances due to magnetospheric forcing. *Annales Geophysicae*, 2019. 37(5): p. 989-1003. 地球科学
- 1772、Zhang, F., et al., Simulation of Daily Precipitation from CMIP5 in the Qinghai-Tibet Plateau. *Sola*, 2019. 15: p. 68-74. 地球科学
- 1773、Zhang, Y., et al., Satellite-Based Assessment of Various Cloud Microphysics Schemes in Simulating Typhoon Hydrometeors. *Advances in Meteorology*, 2019. 2019: p. 19. 地球科学
- 1774、Wang, Y.H., C. He, and T. Li, Response of the anomalous western North Pacific anticyclone during El Nino mature winter to global warming. *Climate Dynamics*, 2020. 54(1-2): p. 727-740. 地球科学
- 1775、Li, S.S., et al., Response of surface air temperature to the change of leaf area index in the source region of the Yellow River by the WRF model. *Theoretical and Applied Climatology*, 2019. 138(3-4): p. 1755-1765. 地球科学
- 1776、Ha, Y., et al., Relationship between interannual changes of summer rainfall over Yangtze River Valley and South China Sea-Philippine Sea: Possible impact of tropical zonal sea surface temperature gradient. *International Journal of Climatology*, 2019. 39(14): p. 5522-5538. 地球科学
- 1777、Grieco, G., et al., Quality Control of Delay-Doppler Maps for Stare Processing. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(5): p. 2990-3000. 地球科学
- 1778、Si, D., et al., Predicting the Atlantic Multidecadal Variability from Initialized Simulations. *Journal of Climate*, 2019. 32(24): p. 8701-8711. 地球科学
- 1779、Ding, R.Q., et al., Predictability of Ensemble Forecasting Estimated Using the Kullback-Leibler Divergence in the Lorenz Model. *Advances in Atmospheric Sciences*, 2019. 36(8): p. 837-846. 地球科学
- 1780、Sun, Y., et al., Precipitation climatically features over the Huai River Basin, China. *Dynamics of Atmospheres and Oceans*, 2019. 86: p. 104-115. 地球科学
- 1781、Li, H., et al., Plausible modulation of solar wind energy flux input on global tropical cyclone activity. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 192: p. 7. 地球科学
- 1782、Zhang, M., et al., Optical and Physical Characteristics of the Lowest Aerosol Layers over the Yellow River Basin. *Atmosphere*, 2019. 10(10): p. 16. 地球科学
- 1783、Fan, S.R., et al., On C-Band Quad-Polarized Synthetic Aperture Radar Properties of Ocean

Surface Currents. *Remote Sensing*, 2019. 11(19): p. 17. 地球科学

1784、Choi, J.W. and H.D. Kim, Negative relationship between Korea landfalling tropical cyclone activity and Pacific Decadal Oscillation. *Dynamics of Atmospheres and Oceans*, 2019. 87: p. 14. 地球科学

1785、Dong, C.M., et al., Multiple-Scale Variations of Sea Ice and Ocean Circulation in the Bering Sea Using Remote Sensing Observations and Numerical Modeling. *Remote Sensing*, 2019. 11(12): p. 20. 地球科学

1786、Wu, Y., et al., Microwave Land Emissivity Calculations over the Qinghai-Tibetan Plateau Using FY-3B/MWRI Measurements. *Remote Sensing*, 2019. 11(19): p. 16. 地球科学

1787、Dai, T., et al., Inverting the East Asian Dust Emission Fluxes Using the Ensemble Kalman Smoother and Himawari-8 AODs: A Case Study with WRF-Chem v3.5.1. *Atmosphere*, 2019. 10(9): p. 14. 地球科学

1788、Zhi, X.F., et al., Interdecadal variations in winter extratropical anticyclones in East Asia and their impacts on the decadal mode of East Asian surface air temperature. *Meteorology and Atmospheric Physics*, 2019. 131(6): p. 1763-1775. 地球科学

1789、Zhang, J.Z., et al., Interannual Variability of Spring Extratropical Cyclones over the Yellow, Bohai, and East China Seas and Possible Causes. *Atmosphere*, 2019. 10(1): p. 19. 地球科学

1790、Xuan, S.B., et al., Insight into the preparation of the 2016 M(S)6.4 Menyuan earthquake from terrestrial gravimetry-derived crustal density changes. *Scientific Reports*, 2019. 9: p. 10. 地球科学

1791、Lin, Z.X., et al., Influence of Asian-Pacific Oscillation on Precipitation in Central Eastern China during Autumn (1960-2016). *Advances in Meteorology*, 2019. 2019: p. 10. 地球科学

1792、Li, Z.X., et al., Improving the simulation of East Asian summer monsoon with mesoscale enhancement in an AGCM. *Climate Dynamics*, 2019. 53(1-2): p. 225-236. 地球科学

1793、Tan, Y.B., T.X. Zheng, and Z. Shi, Improved lightning model: Application to discuss the characteristics of upward lightning. *Atmospheric Research*, 2019. 217: p. 63-72. 地球科学

1794、Xia, X.L. and X.L. Zou, Impacts of AMSU-A inter-sensor calibration and diurnal correction on satellite-derived linear and nonlinear decadal climate trends of atmospheric temperature. *Climate Dynamics*, 2020. 54(3-4): p. 1245-1265. 地球科学

1795、Yin, L., F. Ping, and J.H. Mao, Impact of cloud microphysical processes on the simulation of a hailstorm in East China. *Atmospheric Research*, 2019. 219: p. 36-56. 地球科学

1796、Wang, Y.B., Y.D. Chen, and J.Z. Min, Impact of Assimilating China Precipitation Analysis Data Merging with Remote Sensing Products Using the 4DVar Method on the Prediction of Heavy Rainfall. *Remote Sensing*, 2019. 11(8): p. 21. 地球科学

1797、Bai, M.X., et al., Hydroclimate patterns over the Northern Hemisphere when megadroughts occurred in North China during the last millennium. *Climatic Change*, 2019. 157(3-4): p. 365-385. 地球科学

1798、Chang, M.Y., et al., Forecasts of MJO Events during DYNAMO with a Coupled Atmosphere-Ocean Model: Sensitivity to Cumulus Parameterization Scheme. *Journal of Meteorological Research*, 2019. 33(6): p. 1016-1030. 地球科学

1799、Han, X.Z., F. Wang, and Y. Han, Fengyun-3D MERSI True Color Imagery Developed for Environmental Applications. *Journal of Meteorological Research*, 2019. 33(5): p. 914-924. 地球科学

1800、Chen, L.J., et al., Extremely Active Tropical Cyclone Activities over the Western North Pacific

and South China Sea in Summer 2018: Joint Effects of Decaying La Nina and Intraseasonal Oscillation. *Journal of Meteorological Research*, 2019. 33(4): p. 609-626. 地球科学

1801、Ren, H., et al., Examining the influence of current waveform on the lightning electromagnetic field at the altitude of halo formation. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 189: p. 114-122. 地球科学

1802、Adeniyi, M.O., Z. Lin, and H. Zhang, Evaluation of the performance of IAP-AGCM4.1 in simulating the climate of West Africa. *Theoretical and Applied Climatology*, 2019. 136(3-4): p. 1419-1434. 地球科学

1803、Li, Z., T. Li, and W.D. Yu, Environmental conditions regulating the formation of super tropical cyclone during pre-monsoon transition period over Bay of Bengal. *Climate Dynamics*, 2019. 52(7-8): p. 3857-3867. 地球科学

1804、Feng, Y.X., et al., Ensemble Sensitivity Analysis-Based Ensemble Transform with 3D Rescaling Initialization Method for Storm-Scale Ensemble Forecast. *Atmosphere*, 2019. 10(1): p. 17. 地球科学

1805、He, L.X., et al., Electromagnetic Fields Associated With the M-Component Mode of Charge Transfer. *Journal of Geophysical Research-Atmospheres*, 2019. 124(13): p. 6791-6809. 地球科学

1806、Ahadov, B. and S. Jin, Effects of Coulomb stress change on M-w > 6 earthquakes in the Caucasus region. *Physics of the Earth and Planetary Interiors*, 2019. 297: p. 12. 地球科学

1807、Hua, L.J. and L. Chen, ENSO Asymmetry in the CAMS-CSM. *Asia-Pacific Journal of Atmospheric Sciences*, 2019. 55(3): p. 507-528. 地球科学

1808、Zhang, J.Q., et al., Dust Properties and Radiative Impacts at a Suburban Site during 2004-2017 in the North China Plain. *Remote Sensing*, 2019. 11(16): p. 18. 地球科学

1809、Lyu, M.X., et al., Distinct impacts of the MJO and the NAO on cold wave amplitude in China. *Quarterly Journal of the Royal Meteorological Society*, 2019. 145(721): p. 1617-1635. 地球科学

1810、Xie, Z.X. and B. Sun, Different Roles of Water Vapor Transport and Cold Advection in the Intensive Snowfall Events over North China and the Yangtze River Valley. *Atmosphere*, 2019. 10(7): p. 16. 地球科学

1811、Ha, Y., et al., Differences between decadal decreases of boreal summer rainfall in southeastern and southwestern China in the early 2000s. *Climate Dynamics*, 2019. 52(5-6): p. 3533-3552. 地球科学

1812、Fan, S.H., et al., Denoising Algorithm for the FY-4A GIIRS Based on Principal Component Analysis. *Remote Sensing*, 2019. 11(22): p. 18. 地球科学

1813、Xu, B., et al., Decadal intensification of local thermal feedback of summer soil moisture over North China. *Theoretical and Applied Climatology*, 2019. 138(3-4): p. 1563-1571. 地球科学

1814、Wang, Y.H., C. He, and T. Li, Decadal change in the relationship between East Asian spring circulation and ENSO: Is it modulated by Pacific Decadal Oscillation? *International Journal of Climatology*, 2019. 39(1): p. 172-187. 地球科学

1815、Zhang, Y., et al., DEVELOPMENT AND ASSESSMENT OF QUANTITATIVE PRECIPITATION ESTIMATION ALGORITHMS FOR S-, C-, AND X-BAND DUAL-POLARIZATION RADARS BASED ON DISDROMETER DATA FROM THREE REGIONS OF CHINA. *Journal of Tropical Meteorology*, 2019. 25(2): p. 269-292. 地球科学

1816、Wang, L., et al., Convectively Coupled Equatorial Waves Simulated by CAMS-CSM. *Journal of Meteorological Research*, 2019. 33(5): p. 949-959. 地球科学

- 1817、 Gao, X.Q., et al., Convective instability-induced mixing and its parameterization using large eddy simulation. *Ocean Modelling*, 2019. 137: p. 40-51. 地球科学
- 1818、 Li, Y.Z., et al., Comparison of the aridity index and its drivers in eight climatic regions in China in recent years and in future projections. *International Journal of Climatology*, 2019. 39(14): p. 5256-5272. 地球科学
- 1819、 Jia, X.C., et al., Combining disdrometer, microscopic photography, and cloud radar to study distributions of hydrometeor types, size and fall velocity. *Atmospheric Research*, 2019. 228: p. 176-185. 地球科学
- 1820、 Chen, L., et al., Cloud Radiative Feedbacks during the ENSO Cycle Simulated by CAMS-CSM. *Journal of Meteorological Research*, 2019. 33(4): p. 666-677. 地球科学
- 1821、 Hsu, S.A., H. Shen, and Y.J. He, Characterizing overwater roughness Reynolds number during hurricanes. *Meteorology and Atmospheric Physics*, 2019. 131(3): p. 279-285. 地球科学
- 1822、 Xu, Y.F., et al., Assessment of CMIP5 Models Based on the Interdecadal Relationship between the PDO and Winter Temperature in China. *Atmosphere*, 2019. 10(10): p. 15. 地球科学
- 1823、 Huang, W.J., et al., Anthropogenic CH₄ Emissions in the Yangtze River Delta Based on A "Top-Down" Method. *Atmosphere*, 2019. 10(4): p. 21. 地球科学
- 1824、 Zhang, Y.Y., J. Wang, and L.B. Bu, Analysis of a Haze Event over Nanjing, China Based on Multi-Source Data. *Atmosphere*, 2019. 10(6): p. 17. 地球科学
- 1825、 Dai, Y.L., et al., A Correction Method of Environmental Meteorological Model Based on Long-Short-Term Memory Neural Network. *Earth and Space Science*, 2019. 6(11): p. 2214-2226. 地球科学
- 1826、 Hua, W., et al., Weakening Relationship between East Asian Summer Monsoon and Asian-Pacific Oscillation after 1990s. *Advances in Meteorology*, 2019. 2019: p. 9. 地球科学
- 1827、 Chen, W., et al., Variation of Anomalous Convergence Around Kalimantan Island in Lower Troposphere and Its Role in Connecting the East Asian Summer Monsoon and Australian Winter Monsoon. *Journal of Geophysical Research-Atmospheres*, 2019. 124(13): p. 6892-6903. 地球科学
- 1828、 Jiang, L., J.P. Zhang, and Y. Fang, Time-Scaling Properties of Sunshine Duration Based on Detrended Fluctuation Analysis over China. *Atmosphere*, 2019. 10(2): p. 10. 地球科学
- 1829、 Qiu, Y.J., C.S. Lu, and S. Luo, Tibetan Plateau Cloud Structure and Cloud Water Content Derived from Millimeter Cloud Radar Observations in Summer. *Pure and Applied Geophysics*, 2019. 176(4): p. 1785-1796. 地球科学
- 1830、 Chen, H., D.L. He, and Z.W. Zhu, The Internal Multidecadal Variability of SST in the Pacific and Its Impact on Air Temperature and Rainfall over Land in the Northern Hemisphere. *Atmosphere*, 2019. 10(3): p. 13. 地球科学
- 1831、 Meng, K., et al., The Causes of "Vulnerable Regions" to Air Pollution in Winter in the Beijing-Tianjin-Hebei Region: A Topographic-Meteorological Impact Model Based on Adaptive Emission Constraint Technique. *Atmosphere*, 2019. 10(11): p. 18. 地球科学
- 1832、 Zhan, L.F., et al., Study on the Change Characteristics of and Population Exposure to Heatwave Events on the North China Plain. *Advances in Meteorology*, 2019. 2019: p. 10. 地球科学
- 1833、 Zhu, Y.H., et al., Stratified Circulation in the Banda Sea and Its Causal Mechanism. *Journal of Geophysical Research-Oceans*, 2019. 124(10): p. 7030-7045. 地球科学

- 1834、Zong, P.S., Y.L. Zhu, and J.P. Tang, Sensitivity of summer precipitation in regional spectral model simulations over eastern China to physical schemes: Daily, extreme and diurnal cycle. *International Journal of Climatology*, 2019. 39(11): p. 4340-4357. 地球科学
- 1835、Cao, L., et al., Sensitivity analysis of the dependence of the Carbon Bond Mechanism IV (CBM-IV) on the initial air composition under an urban condition. *Atmospheric Environment*, 2019. 215: p. 10. 地球科学
- 1836、Cao, G.J., et al., Seasonality in Intraseasonal Sea Surface Temperature Variability Along the Sumatra-Java Southern Coast. *Journal of Geophysical Research-Oceans*, 2019. 124(7): p. 5138-5157. 地球科学
- 1837、Wang, Q., et al., Seasonal and Interannual Variation Characteristics of Low-Cloud Fraction in Different North Pacific Regions. *Atmosphere*, 2019. 10(3): p. 15. 地球科学
- 1838、He, S.S., J. Wang, and H.J. Wang, Projection of Landslides in China during the 21st Century under the RCP8.5 Scenario. *Journal of Meteorological Research*, 2019. 33(1): p. 138-148. 地球科学
- 1839、Sun, J.Q. and J. Ming, Possible mechanism for the weakening relationship between Indian and central East Asian summer rainfall after the late 1970s: role of the mid-to-high-latitude atmospheric circulation. *Meteorology and Atmospheric Physics*, 2019. 131(3): p. 517-524. 地球科学
- 1840、Choi, J.W., Y. Cha, and R.Y. Lu, Possible Relationship between Korea Affecting Tropical Cyclone Activity and Pacific Decadal Oscillation in Summer. *Asia-Pacific Journal of Atmospheric Sciences*, 2019. 55(4): p. 557-573. 地球科学
- 1841、Herrmann, M., et al., On the contribution of chemical oscillations to ozone depletion events in the polar spring. *Atmospheric Chemistry and Physics*, 2019. 19(15): p. 30. 地球科学
- 1842、Cheng, X.G., et al., Modeling Dust Direct Radiative Feedbacks in East Asia During the Last Glacial Maximum. *Atmosphere*, 2019. 10(3): p. 15. 地球科学
- 1843、Dong, H. and X. Zou, Mitigating and comparing the striping noise in FengYun-3B/C/D microwave radiation imager brightness temperature observations. *Quarterly Journal of the Royal Meteorological Society*, 2019. 145(725): p. 3819-3831. 地球科学
- 1844、Liu, S.S., D.B. Jiang, and X.M. Lang, Mid-Holocene drylands: A multi-model analysis using Paleoclimate Modelling Intercomparison Project Phase III (PMIP3) simulations. *Holocene*, 2019. 29(9): p. 1425-1438. 地球科学
- 1845、Xu, B., et al., Large discrepancy between measured and remotely sensed snow water equivalent in the northern Europe and western Siberia during boreal winter. *Theoretical and Applied Climatology*, 2019. 137(1-2): p. 133-140. 地球科学
- 1846、Che, Y.H., et al., Investigations into the development of a satellite-based aerosol climate data record using ATSR-2, AATSR and AVHRR data over north-eastern China from 1987 to 2012. *Atmospheric Measurement Techniques*, 2019. 12(7): p. 4091-4112. 地球科学
- 1847、Yuan, C.X. and D. Wang, Inter-decadal variations in El Nino-Southern Oscillation impacts on the autumn precipitation in the eastern China. *International Journal of Climatology*, 2019. 39(14): p. 5316-5326. 地球科学
- 1848、Tian, X.J. and H.Q. Zhang, Implementation of a Modified Adaptive Covariance Inflation Scheme for the Big Data-Driven NLS-4DVar Algorithm. *Earth and Space Science*, 2019. 6(12): p. 2593-2604. 地球科学
- 1849、Yu, K., et al., Impacts of the mid-latitude westerlies anomaly on the decadal sea level

variability east of China. *Climate Dynamics*, 2019. 53(9-10): p. 5985-5998. 地球科学

1850、Liu, Y.H., et al., Identify optimal predictors of statistical downscaling of summer daily precipitation in China from three-dimensional large-scale variables. *Atmospheric Research*, 2019. 224: p. 99-113. 地球科学

1851、Xu, Q. and Z.Y. Guan, INTERDECADAL CHANGE OF DIABATIC FORCING OVER KEY REGION OF THE MARITIME CONTINENT AND ITS POSSIBLE RELATIONS WITH THE EAST ASIAN SUMMER MONSOON ANOMALIES. *Journal of Tropical Meteorology*, 2019. 25(1): p. 54-62. 地球科学

1852、Zhang, B., et al., Frequency of Persistent Blocking and Ridge Events Related to Precipitation over Eastern China during August and Its Preceding Atmospheric Signals. *Weather and Forecasting*, 2019. 34(6): p. 1705-1719. 地球科学

1853、Liu, Q., et al., Factors controlling northward and north-eastward moving tropical cyclones near the coast of East Asia. *Frontiers of Earth Science*, 2019. 13(4): p. 778-790. 地球科学

1854、Zhang, M., et al., Evaluation of the Aqua-MODIS C6 and C6.1 Aerosol Optical Depth Products in the Yellow River Basin, China. *Atmosphere*, 2019. 10(8): p. 18. 地球科学

1855、Huang, Q., et al., Evaluation of Different Methods for Estimating the Fraction of Sunlit Leaves and Its Contribution for Photochemical Reflectance Index Utilization in a Coniferous Forest. *Remote Sensing*, 2019. 11(14): p. 22. 地球科学

1856、Yang, Y., et al., Evaluating the methods and influencing factors of satellite-derived estimates of NO_x emissions at regional scale: A case study for Yangtze River Delta, China. *Atmospheric Environment*, 2019. 219: p. 12. 地球科学

1857、Ding, H.Y., et al., Ensemble Classification of Hyperspectral Images by Integrating Spectral and Texture Features. *Journal of the Indian Society of Remote Sensing*, 2019. 47(1): p. 113-123. 地球科学

1858、Ming, J. and J.Q. Sun, Enhancement of the relationship between boreal summer precipitation over eastern China and Australia since the early 1980s. *International Journal of Climatology*, 2019. 39(1): p. 266-277. 地球科学

1859、Ma, L.B., Z.J. Jiang, and J. Cao, Effects of a stochastic multcloud parameterization on the simulated Asian-Australian monsoon rainfall in an AGCM. *International Journal of Climatology*, 2020. 40(5): p. 2580-2598. 地球科学

1860、Wu, Y., et al., Detection and Analysis of C-Band Radio Frequency Interference in AMSR2 Data over Land. *Remote Sensing*, 2019. 11(10): p. 19. 地球科学

1861、Chu, Z.G., et al., Continuous Monitoring of Differential Reflectivity Bias for C-Band Polarimetric Radar Using Online Solar Echoes in Volume Scans. *Remote Sensing*, 2019. 11(22): p. 20. 地球科学

1862、Li, Y.F., et al., Climatological features of blocking highs from the perspective of air mass and mass transport. *International Journal of Climatology*, 2020. 40(2): p. 782-794. 地球科学

1863、Wang, Q.Y., et al., Changes in Means and Extreme Events of Sea Surface Temperature in the East China Seas Based on Satellite Data from 1982 to 2017. *Atmosphere*, 2019. 10(3): p. 11. 地球科学

1864、Chen, M.C., T. Li, and X.H. Wang, Asymmetry of Atmospheric Responses to Two-Type El Niño and La Niña over Northwest Pacific. *Journal of Meteorological Research*, 2019. 33(5): p. 826-836. 地球科学

1865、Wang, Y., et al., An Observational Study on Cloud Spectral Width in North China. *Atmosphere*, 2019. 10(3): p. 14. 地球科学

1866、Yang, B., et al., An Improved Stanford Method for Persistent Scatterers Applied to 3D Building Reconstruction and Monitoring. *Remote Sensing*, 2019. 11(15): p. 18. 地球科学

1867、Deng, L., W.H. Gao, and Y.H. Duan, A Modeling Study of the Effects of Vertical Wind Shear on the Raindrop Size Distribution in Typhoon Nida (2016). *Journal of Geophysical Research-Atmospheres*, 2019. 124(12): p. 6501-6517. 地球科学

1868、Yang, M.J., et al., A COMPARISON OF THE BLENDING AND CONSTRAINING METHODS TO INTRODUCE LARGE-SCALE INFORMATION INTO GRAPES MESOSCALE ANALYSIS. *Journal of Tropical Meteorology*, 2019. 25(2): p. 227-244. 地球科学

1869、Tian, B.Q. and K. Fan, Why is the North Atlantic Oscillation More Predictable in December? *Atmosphere*, 2019. 10(8): p. 12. 地球科学

1870、Huang, Y., T. Li, and B. Wu, Why SST trend in North Pacific is peculiarly negative against warming trend elsewhere since 1958. *Climate Dynamics*, 2019. 52(7-8): p. 4447-4461. 地球科学

1871、Yuan, C.X. and W.M. Li, Variations in the Frequency of Winter Extreme Cold Days in Northern China and Possible Causalities. *Journal of Climate*, 2019. 32(23): p. 8127-8141. 地球科学

1872、Tang, Q., et al., Variability of the Suspended Particle Cross-Sectional Area in the Bohai Sea and Yellow Sea. *Remote Sensing*, 2019. 11(10): p. 19. 地球科学

1873、Hu, J.Y., Y. Yin, and Q. Chen, The Acidity Distribution of Drops in a Deep Convective Cloud. *Journal of Geophysical Research-Atmospheres*, 2019. 124(1): p. 424-440. 地球科学

1874、Peng, W.W., et al., TESTING DRAG COEFFICIENT APPROACHES BY USING THE BUOY DATA COLLECTED IN MODERATE TO HIGH WIND UNDER FOLLOWING, CROSSING AND OPPOSING SWELL CONDITIONS. *Journal of Tropical Meteorology*, 2019. 25(3): p. 336-343. 地球科学

1875、Chen, D., et al., Statistical Analysis of the Spatiotemporal Distribution of Ozone Induced by Cut-Off Lows in the Upper Troposphere and Lower Stratosphere over Northeast Asia. *Atmosphere*, 2019. 10(11): p. 17. 地球科学

1876、Zhou, S.J., et al., Spatiotemporal Differences in Dominants of Dryness/Wetness Changes in Southwest China. *Advances in Meteorology*, 2019. 2019: p. 16. 地球科学

1877、Li, R., et al., Size-segregated water-soluble N-bearing species in the land-sea boundary zone of East China. *Atmospheric Environment*, 2019. 218: p. 12. 地球科学

1878、Shi, N., P.Y. Tian, and L.Y. Zhang, Simultaneous influence of the Southern Hemisphere annular mode on the atmospheric circulation of the Northern Hemisphere during the boreal winter. *International Journal of Climatology*, 2019. 39(5): p. 2685-2696. 地球科学

1879、Zhang, J.B., et al., Simulated impacts of atmospheric gravity waves on the initiation and optical emissions of sprite halos in the mesosphere. *Science China-Earth Sciences*, 2019. 62(4): p. 631-642. 地球科学

1880、Zhong, Z., et al., Selenophysical parameter inversion in the Lunar Southern Hemisphere Highland based on mutant particle swarm optimization. *Physics of the Earth and Planetary Interiors*, 2019. 292: p. 55-66. 地球科学

1881、Wen, Y., et al., Propagation characteristics of mesospheric concentric gravity waves excited by a thunderstorm. *Chinese Journal of Geophysics-Chinese Edition*, 2019. 62(4): p. 1218-1229. 地球科学

1882、Huang, J., et al., Precipitation concentration in Jiangsu province, southeast China and its indicating function on the fluctuation of rice yield. *Meteorology and Atmospheric Physics*, 2019.

131(5): p. 1249-1258. 地球科学

1883、 Han, S.Z. and J.Q. Sun, Potential contribution of winter dominant atmospheric mode over the mid-latitude Eurasia to the prediction of subsequent spring Arctic Oscillation. *International Journal of Climatology*, 2020. 40(6): p. 2953-2963. 地球科学

1884、 Luo, R., et al., Potential Influence of a Developing La Nina on the Sea-Ice Reduction in the Barents-Kara Seas. *Atmosphere-Ocean*, 2019. 57(3): p. 182-194. 地球科学

1885、 Ouyang, X.R., et al., Possible roles of fall speed parameters of different graupel densities on microphysics and electrification in an idealized thunderstorm. *Quarterly Journal of the Royal Meteorological Society*, 2019. 145(723): p. 2404-2424. 地球科学

1886、 Choi, J.W. and H.D. Kim, Possible combined effect of El Nino-Southern Oscillation and Pacific Decadal Oscillation on Korea affecting tropical cyclone passage frequency. *Atmospheric Science Letters*, 2020. 21(10): p. 8. 地球科学

1887、 Yin, Z.C., et al., On statistical nowcasting of road surface temperature. *Meteorological Applications*, 2019. 26(1): p. 1-13. 地球科学

1888、 Gao, Z.X., et al., Observation and Source Apportionment of Trace Gases, Water-Soluble Ions and Carbonaceous Aerosol During a Haze Episode in Wuhan. *Atmosphere*, 2019. 10(7): p. 19. 地球科学

1889、 Wang, T.S., et al., Observation and Simulation Studies of Three Types of Wire Icing. *Atmosphere*, 2019. 10(5): p. 20. 地球科学

1890、 Lu, C.H., et al., Month-to-Month Variability of Autumn Sea Ice in the Barents and Kara Seas and Its Relationship to Winter Air Temperature in China. *Advances in Meteorology*, 2019. 2019: p. 13. 地球科学

1891、 Deng, L., et al., Microphysical Properties of Rainwater in Typhoon Usagi (2013): A Numerical Modeling Study. *Advances in Atmospheric Sciences*, 2019. 36(5): p. 510-526. 地球科学

1892、 Li, L.L., et al., Methane levels in five shallow lakes in China: Effect of lake paludification. *Quaternary International*, 2019. 503: p. 128-135. 地球科学

1893、 Shi, D.L., X.Y. Ge, and M.L.D. Peng, Latitudinal dependence of the dry air effect on tropical cyclone development. *Dynamics of Atmospheres and Oceans*, 2019. 87: p. 15. 地球科学

1894、 Ma, L.B. and Z.J. Jiang, Improved leading modes of interannual variability of the Asian-Australian monsoon in an AGCM via incorporating a stochastic multcloud model. *Climate Dynamics*, 2020. 54(1-2): p. 759-775. 地球科学

1895、 Zhan, C.H., et al., Impacts of different radiometric calibration methods on the retrievals of sun-induced chlorophyll fluorescence and its relation to productivity for continuous field measurements. *Journal of Applied Remote Sensing*, 2019. 14(2): p. 15. 地球科学

1896、 Liu, Y.Q., et al., Identifying a transition climate zone in an arid river basin using the evaporative stress index. *Natural Hazards and Earth System Sciences*, 2019. 19(10): p. 2281-2294. 地球科学

1897、 Tang, S.Z., et al., Hyperspectral Image Super-Resolution via Adaptive Dictionary Learning and Double Constraint. *Remote Sensing*, 2019. 11(23): p. 22. 地球科学

1898、 Feng, Y., et al., Geomagnetic jerk extraction based on the covariance matrix. *Applied Geophysics*, 2019. 16(2): p. 153-159. 地球科学

1899、 Tian, L., P. Zhang, and L. Chen, Estimation of the Dust Aerosol Shortwave Direct Forcing Over Land Based on an Equi-albedo Method From Satellite Measurements. *Journal of*

Geophysical Research-Atmospheres, 2019. 124(15): p. 8793-8807. 地球科学

1900、Li, R., et al., Estimating monthly wet sulfur (S) deposition flux over China using an ensemble model of improved machine learning and geostatistical approach. Atmospheric Environment, 2019. 214: p. 9. 地球科学

1901、Zhang, Q.C., T. Li, and J. Liu, Contrast of Evolution Characteristics of Boreal Summer and Winter Intraseasonal Oscillations over Tropical Indian Ocean. Journal of Meteorological Research, 2019. 33(4): p. 678-694. 地球科学

1902、Ye, D.C., Z.Y. Guan, and D.C. Jin, Climatic features of summertime baroclinic wave packets over Eurasia and the associated possible impacts on precipitation in southern China. Atmospheric Science Letters, 2019. 20(4): p. 8. 地球科学

1903、Hu, Y., et al., Climatic characteristics of East Asian tropical monsoon depressions. Theoretical and Applied Climatology, 2019. 138(1-2): p. 399-415. 地球科学

1904、Gong, X., R. Zhu, and L.S. Chen, Characteristics of Near Surface Winds over Different Underlying Surfaces in China: Implications for Wind Power Development. Journal of Meteorological Research, 2019. 33(2): p. 349-362. 地球科学

1905、Gao, Z.X., et al., Characteristics of Aerosol Chemical Compositions and Size Distributions during a Long-Range Dust Transport Episode in an Urban City in the Yangtze River Delta. Atmosphere, 2019. 10(2): p. 15. 地球科学

1906、Yuan, P., et al., Characteristic parameters of positive cloud-to-ground lightning channel. Journal of Earth System Science, 2019. 128(6): p. 9. 地球科学

1907、Liang, K. and Y.Z. Li, Changes in Lake Area in Response to Climatic Forcing in the Endorheic Hongjian Lake Basin, China. Remote Sensing, 2019. 11(24): p. 25. 地球科学

1908、Tian, H.J., et al., CONDITIONAL NONLINEAR OPTIMAL PERTURBATIONS: APPLICATION IN TROPICAL CYCLONE FORECASTS. Journal of Tropical Meteorology, 2019. 25(4): p. 421-436. 地球科学

1909、Rezaei, M., et al., Application of two fuzzy models using knowledge-based and linear aggregation approaches to identifying flooding-prone areas in Tehran. Natural Hazards, 2020. 100(1): p. 363-385. 地球科学

1910、He, G.X., J.Z. Sun, and Z.M. Ying, An Automated Velocity Dealiasing Scheme for Radar Data Observed from Typhoons and Hurricanes. Journal of Atmospheric and Oceanic Technology, 2019. 36(1): p. 139-149. 地球科学

1911、Akinola, O.E. and Y. Yin, An Assessment of the Role of Ice Hydrometeor-Types in WRF Bulk Microphysical Schemes in Simulating Two Heavy Rainfall Events over Southern Nigeria. Atmosphere, 2019. 10(9): p. 21. 地球科学

1912、Tian, X.J. and X.B. Feng, An Adjoint-Free CNOP-4DVar Hybrid Method for Identifying Sensitive Areas Targeted Observations: Method Formulation and Preliminary Evaluation. Advances in Atmospheric Sciences, 2019. 36(7): p. 721-732. 地球科学

1913、Yu, Z.J., W.C. Zhou, and X. Zhang, AN ATTRIBUTION ANALYSIS OF CHANGES IN POTENTIAL EVAPOTRANSPIRATION IN THE BEIJING-TIANJIN-HEBEI REGION UNDER CLIMATE CHANGE. Journal of Tropical Meteorology, 2019. 25(1): p. 82-91. 地球科学

1914、Chu, Z.G., et al., A novel velocity dealiasing algorithm for S-Band weather radars. Atmosfera, 2019. 32(1): p. 1-13. 地球科学

1915、Huang, M.T., et al., A nonsingular model for computing the external gravity field at a mobile point in a sea area. Chinese Journal of Geophysics-Chinese Edition, 2019. 62(7): p. 2394-2404.

地球科学

- 1916、Cui, L.L., et al., A geographically and temporally weighted regression model for assessing intra-urban variability of volatile organic compounds (VOCs) in Yangpu district, Shanghai. *Atmospheric Environment*, 2019. 213: p. 746-756. 地球科学
- 1917、Wu, X.R. and S.G. Jin, A Simulation Study of GNSS-R Polarimetric Scattering from the Bare Soil Surface Based on the AIEM. *Advances in Meteorology*, 2019. 2019: p. 9. 地球科学
- 1918、He, G.X., et al., A Radar Radial Velocity Dealiasing Algorithm for Radar Data Assimilation and its Evaluation with Observations from Multiple Radar Networks. *Remote Sensing*, 2019. 11(20): p. 16. 地球科学
- 1919、Zhi, X.F., et al., A COMPARATIVE ANALYSIS OF ATMOSPHERIC AND OCEANIC CONDITIONS BEFORE THE OCCURRENCE OF TWO TYPES OF EL NINO EVENTS. *Journal of Tropical Meteorology*, 2019. 25(1): p. 34-44. 地球科学
- 1920、Qin, M.H., et al., Understanding the inter-decadal variability of autumn precipitation over North Central China using model simulations. *International Journal of Climatology*, 2020. 40(2): p. 874-886. 地球科学
- 1921、Ge, W., et al., The study of in situ wind and gravity wave determination by the first passive falling-sphere experiment in China's northwest region. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2019. 182: p. 130-137. 地球科学
- 1922、Zhang, F.Y., et al., The negative feedback effects of sea surface temperatures on El Nino Events in the West Indian Ocean. *Atmospheric Science Letters*, 2019. 20(8): p. 10. 地球科学
- 1923、Zhang, F.J., B. Xue, and S.C. Yao, The lake status records and paleoclimatic changes of China since the Last Interstadial. *Quaternary International*, 2019. 527: p. 12-18. 地球科学
- 1924、Jiao, B.F., L.K. Ran, and X.Y. Shen, The evolution of hollow symmetric-PV tower during the landfall of Typhoon Mujigae (2015). *Frontiers of Earth Science*, 2019. 13(4): p. 817-828. 地球科学
- 1925、Gu, Y.X., et al., The chemical effects on the summertime ozone in the upper troposphere and lower stratosphere over the Tibetan Plateau and the South Asian monsoon region. *Meteorology and Atmospheric Physics*, 2019. 131(3): p. 431-441. 地球科学
- 1926、Ge, X.Y. and D.L. Shi, The Mid-latitude influence on the formation of the monsoon gyre in August 1991. *Dynamics of Atmospheres and Oceans*, 2019. 86: p. 52-62. 地球科学
- 1927、Cai, C., et al., The 10-20 d Low-Frequency Oscillation Characteristics of Summer Precipitation in Eastern China in the Decaying Year of CP ENSO. *Atmosphere*, 2019. 10(10): p. 21. 地球科学
- 1928、Xia, Y., et al., TOPOGRAPHY-DEPENDENT HORIZONTAL LOCALIZATION SCALE SCHEME IN GRAPES-MESO HYBRID EN-3DVAR ASSIMILATION SYSTEM. *Journal of Tropical Meteorology*, 2019. 25(2): p. 245-256. 地球科学
- 1929、Zhang, F.Y., et al., THE IMPACT OF MOUNTAIN TO BASIN WINDS ON THE DIURNAL VARIATION IN FOG OVER THE SICHUAN BASIN, CHINA. *Journal of Tropical Meteorology*, 2019. 25(2): p. 257-268. 地球科学
- 1930、Wang, Y.P., Y.J. Huang, and X.P. Cui, Surface Rainfall Processes during the Genesis Period of Tropical Cyclone Durian (2001). *Advances in Atmospheric Sciences*, 2019. 36(4): p. 451-464. 地球科学
- 1931、Xia, Y., H.B. Zhang, and J. Chen, Study on Scale-Selective Initial Perturbation for Regional Ensemble Forecast. *Atmosphere*, 2019. 10(5): p. 15. 地球科学

- 1932、Dong, H.J. and X.L. Zou, Striping Noise Mitigation for Tropical Rainfall Measuring Mission Microwave Imager Observations. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(4): p. 2449-2463. 地球科学
- 1933、Xu, Z.Q., K. Fan, and H.J. Wang, Springtime Convective Quasi-Biweekly Oscillation and Interannual Variation of Its Intensity over the South China Sea and Western North Pacific. *Journal of Meteorological Research*, 2019. 33(2): p. 323-335. 地球科学
- 1934、Zhuang, X.R., et al., Spatial Predictability of Heavy Rainfall Events in East China and the Application of Spatial-Based Methods of Probabilistic Forecasting. *Atmosphere*, 2019. 10(9): p. 19. 地球科学
- 1935、Luo, K.S., Spatial Pattern of Forest Carbon Storage in the Vertical and Horizontal Directions Based on HJ-CCD Remote Sensing Imagery. *Remote Sensing*, 2019. 11(7): p. 18. 地球科学
- 1936、Tao, L.L., et al., Soil Moisture Retrieval Using Modified Particle Swarm Optimization and Back-Propagation Neural Network. *Photogrammetric Engineering and Remote Sensing*, 2019. 85(11): p. 789-798. 地球科学
- 1937、Lai, S.J., et al., Sensitivity Experiments of the Local Wildland Fire with WRF-Fire Module. *Asia-Pacific Journal of Atmospheric Sciences*, 2020. 56(4): p. 533-547. 地球科学
- 1938、Wang, C., et al., Segmentation of high-resolution remote sensing image combining phase congruency with local homogeneity. *Arabian Journal of Geosciences*, 2019. 12(6): p. 11. 地球科学
- 1939、Ge, L.L., R.L. Hang, and Q.S. Liu, Retrieving Soil Moisture Over Continental US via Multi-View Multi-Task Learning. *Ieee Geoscience and Remote Sensing Letters*, 2019. 16(12): p. 1954-1958. 地球科学
- 1940、Ma, L.B., Response of ocean dynamics to multiple equilibria of the Kuroshio path South of Japan. *Dynamics of Atmospheres and Oceans*, 2019. 85: p. 57-71. 地球科学
- 1941、Li, Z.B., et al., Relative roles of dynamic and thermodynamic processes in causing positive and negative global mean SST trends during the past 100 years. *Dynamics of Atmospheres and Oceans*, 2019. 86: p. 18-32. 地球科学
- 1942、Xu, M., et al., Radiosonde-Observed Vertical Profiles and Increasing Trends of Temperature and Humidity during 2005-2018 at the South Pole. *Atmosphere*, 2019. 10(7): p. 16. 地球科学
- 1943、Lyu, X.M., et al., Projection of Heat Injury to Single-Cropping Rice in the Middle and Lower Reaches of the Yangtze River, China under Future Global Warming Scenarios. *Journal of Meteorological Research*, 2019. 33(2): p. 363-374. 地球科学
- 1944、Jin, Q.H., B.Q. Liu, and J.H. He, Possible causes for the asymmetric evolution between the aerosol optical depth over East Asia and eastern United States during boreal spring. *International Journal of Climatology*, 2019. 39(4): p. 2474-2483. 地球科学
- 1945、Xu, G.J., et al., Observing and Modeling the Response of Placentia Bay to an Extratropical Cyclone. *Atmosphere*, 2019. 10(11): p. 20. 地球科学
- 1946、Li, W.K., et al., Observed Increases in Summer Apparent Temperature over China in the Past 50 Years. *Sola*, 2019. 15: p. 47-51. 地球科学
- 1947、Li, X.F., Z.H. Jiang, and Y. Shi, MOISTURE TRANSPORT PATHS AND SOURCES OF SOUTH CHINA ANNUALLY FIRST RAINY SEASON AND THEIR RELATIONSHIP WITH THE ONSET OF THE SOUTH CHINA SEA SUMMER MONSOON. *Journal of Tropical Meteorology*, 2019. 25(2): p. 171-179. 地球科学
- 1948、Yin, J. and A. Porporato, Looking Up or Looking Down? Hydrologic and Atmospheric

Perspectives on Precipitation and Evaporation Variability. *Geophysical Research Letters*, 2019. 46(21): p. 11968-11971. 地球科学

1949、Cai, A.Q. and X.L. Zou, Latitudinal and Scan-dependent Biases of Microwave Humidity Sounder Measurements and Their Dependences on Cloud Ice Water Path. *Advances in Atmospheric Sciences*, 2019. 36(5): p. 557-569. 地球科学

1950、Xu, J.Q., et al., Lasting days contributed most to the variation of ≥ 10 degrees C accumulated temperature from 1961 to 2010 in China. *Theoretical and Applied Climatology*, 2019. 137(1-2): p. 655-666. 地球科学

1951、Zhang, S., et al., Improved Assimilation of Fengyun-3 Satellite-Based Snow Cover Fraction in Northeastern China. *Journal of Meteorological Research*, 2019. 33(5): p. 960-975. 地球科学

1952、Wang, Y. and J.F. Miao, Impact of surface layer parameterizations on simulated sea breeze precipitation over the Hainan Island. *Chinese Journal of Geophysics-Chinese Edition*, 2019. 62(1): p. 32-48. 地球科学

1953、Ma, L.B., B. Wang, and X. Zhang, Impact of seawater equation of state on the simulation of Atlantic Meridional Overturning Circulation. *Climate Dynamics*, 2020. 54(1-2): p. 1161-1178. 地球科学

1954、Ma, C., et al., Impact of Cumulus Parameterization on Model Convergence of Tropical Cyclone Destructive Potential Simulation at Grey-Zone Resolutions: A Numerical Investigation. *Atmosphere*, 2019. 10(2): p. 16. 地球科学

1955、Wang, X.F., Y. Chang, and Z.W. Zhu, INTERDECADAL CHANGE IN THE RELATIONSHIP BETWEEN SOUTH CHINA SPRING RAINFALL AND PRECEDING-SUMMER WARM POOL OCEAN HEAT CONTENT. *Journal of Tropical Meteorology*, 2019. 25(4): p. 462-470. 地球科学

1956、Luo, K.S. and P.M.P. Mornya, Fine Monitoring of Wetlands at Provincial Large-Scale Using Object-Based Technique and Medium-Resolution Image. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2019. 12(8): p. 2792-2802. 地球科学

1957、Zheng, Z.J., S.G. Jin, and L.H. Fan, Fault parameters of the 2012 Sumatra earthquake estimated from GRACE gravity and gravity gradient changes. *Chinese Journal of Geophysics-Chinese Edition*, 2019. 62(11): p. 4129-4141. 地球科学

1958、Liu, S.X., et al., Evaluation of MWHS-2 Using a Co-located Ground-Based Radar Network for Improved Model Assimilation. *Remote Sensing*, 2019. 11(20): p. 19. 地球科学

1959、Wang, H., et al., Estimation of the surface heat transfer coefficient over the east-central Tibetan Plateau using satellite remote sensing and field observation data. *Theoretical and Applied Climatology*, 2019. 138(1-2): p. 169-183. 地球科学

1960、Shi, X.H., G. Kiladis, and M. Wen, Diagnostics of westward propagating East Asian monsoon low-pressure systems that reach the Indian monsoon region. *Climate Dynamics*, 2020. 54(1-2): p. 987-1005. 地球科学

1961、Hao, X.Z., et al., Diagnosing the spatiotemporal diversity of westerly wind events in the tropical Pacific. *Dynamics of Atmospheres and Oceans*, 2019. 86: p. 90-103. 地球科学

1962、Sakai, S., H. Iwabuchi, and F. Zhang, Development of a Rapid Retrieval Method for Cloud Optical Thickness and Cloud-Top Height Using Himawari-8 Infrared Measurements. *Sola*, 2019. 15: p. 57-61. 地球科学

1963、Xin, X.G., et al., Decadal Prediction Skill of BCC-CSM1.1 with Different Initialization Strategies. *Journal of the Meteorological Society of Japan*, 2019. 97(3): p. 733-744. 地球科学

1964、Hou, Y.L. and B.D. Chen, DIURNAL VARIATIONS OF SUMMER PRECIPITATION IN SHANGHAI.

Journal of Tropical Meteorology, 2019. 25(3): p. 414-420. 地球科学

1965、Yang, J., Q.Q. Liu, and W. Dai, Computational Fluid Dynamic Design and Experimental Study of a Temperature Sensor Array Used in Climate Reference Station. Journal of Atmospheric and Oceanic Technology, 2019. 36(9): p. 1835-1847. 地球科学

1966、Hu, Y., et al., Comparison of Two Automatic Identification Algorithms for Cyclones Affecting the Changjiang River-Huaihe River Valleys. Atmosphere, 2019. 10(3): p. 12. 地球科学

1967、Zhao, Y.B. and X.S. Liang, Charney's Model the Renowned Prototype of Baroclinic Instability is Barotropically Unstable as Well. Advances in Atmospheric Sciences, 2019. 36(7): p. 733-752. 地球科学

1968、Chen, L.F., et al., Bias correction and the dataset development of sea surface temperature over the Indian-Pacific Ocean from 1901 to 2016. Chinese Journal of Geophysics-Chinese Edition, 2019. 62(6): p. 2001-2015. 地球科学

1969、Lin, Y.T., et al., Assessment of the Capability of ENSEMBLES Hindcasts in Predicting Spring Climate in China. Journal of Meteorological Research, 2019. 33(2): p. 307-322. 地球科学

1970、He, Q.J., et al., Analysis of the first positive polarity gigantic jet recorded near the Yellow Sea in mainland China. Journal of Atmospheric and Solar-Terrestrial Physics, 2019. 190: p. 6-15. 地球科学

1971、Yu, Y.T., et al., Aeroplane detection from high-resolution remotely sensed imagery using bag-of-visual-words based hough forests. International Journal of Remote Sensing, 2020. 41(1): p. 114-131. 地球科学

1972、Sun, C.H., et al., A merging method for dynamic model and statistical predictions and evaluation of summer precipitation prediction skill in China. Chinese Journal of Geophysics-Chinese Edition, 2019. 62(11): p. 4110-4119. 地球科学

1973、Li, C., et al., A PREDICTION SCHEME FOR THE PRECIPITATION OF SPRING BASED ON THE DATA MINING ALGORITHM AND CIRCULATION ANALYSIS. Journal of Tropical Meteorology, 2019. 25(4): p. 519-527. 地球科学

1974、Xu, M., et al., Vertical structures and trends of atmospheric temperature and wind during 1987-2017 at the South Pole. Chinese Journal of Geophysics-Chinese Edition, 2019. 62(8): p. 2806-2820. 地球科学

1975、Liu, R.Q. and Y.Y. Fu, Verification of an Approximate Thermodynamic Equation with Application to Study on Arctic Stratospheric Temperature Changes. Journal of the Atmospheric Sciences, 2019. 76(1): p. 3-9. 地球科学

1976、Hua, W., et al., Trends of Sampling Error in Surface Air Temperature on the Tibetan Plateau during Recent Decades. Advances in Meteorology, 2019. 2019: p. 10. 地球科学

1977、Wei, L.N., et al., Temporal Changes in China's Air Temperature Distribution and Its Impact on Hot Extreme Occurrence. Atmosphere, 2019. 10(12): p. 7. 地球科学

1978、Wang, Y.Q., M.M. Cai, and X.Y. Ge, SIMULATED FINE STRUCTURES OF SPIRAL RAINBANDS IN TYPHOON CHANCHU (2006). Journal of Tropical Meteorology, 2019. 25(2): p. 141-152. 地球科学

1979、Li, S., et al., Precursor in Arctic oscillation for the East Asian January temperature and its relationship with stationary planetary waves: Results from CMIP5 models. International Journal of Climatology, 2020. 40(3): p. 1492-1511. 地球科学

1980、Zhang, C., et al., Physical Tank Experiment Investigation on Rainfall Producing Groundwater Level in Homogeneous Material Slopes. Geofluids, 2019: p. 13. 地球科学

- 1981、Qin, Y.J., Y. Hu, and C.H. Lu, PATTERNS OF CYCLONE ACTIVITY INFLUENCING CHANGJIANG RIVER-HUAIHE RIVER VALLEYS IN SPRING REVEALED USING THE CYCLONE AREA ALGORITHM. *Journal of Tropical Meteorology*, 2019. 25(4): p. 483-497. 地球科学
- 1982、Lu, C.H. and Z.Y. Guan, On the Interrelation between Spring Bihemispheric Circulations at Middle and High Latitudes. *Advances in Atmospheric Sciences*, 2019. 36(12): p. 1371-1380. 地球科学
- 1983、Xiong, F.L., et al., On memory and non-memory parts of surface air temperatures over China: can they be simulated by decadal hindcast experiments in CMIP5? *Climate Dynamics*, 2019. 52(7-8): p. 4515-4525. 地球科学
- 1984、Li, J.Y., et al., Numerical simulation of a strong tornado in eastern China with different microphysical schemes. *Atmospheric Science Letters*, 2019. 20(2): p. 10. 地球科学
- 1985、Li, J.Y., et al., Influence of December snow cover over North America on January surface air temperature over the midlatitude Asia. *International Journal of Climatology*, 2020. 40(1): p. 572-584. 地球科学
- 1986、Wang, X.J., et al., Improving the prediction skill for China summer rainfall through correcting leading modes in Beijing Climate Center's Climate System Model. *International Journal of Climatology*, 2019. 39(11): p. 4329-4339. 地球科学
- 1987、Xue, Q.M. and L. Guan, Identification of Sun Glint Contamination in GMI Measurements Over the Global Ocean. *Ieee Transactions on Geoscience and Remote Sensing*, 2019. 57(9): p. 6473-6483. 地球科学
- 1988、Tang, J.H., et al., High-resolution numerical simulation of the EF3 tornadic storm in Foshan city, Guangdong Province. *Chinese Journal of Geophysics-Chinese Edition*, 2019. 62(11): p. 4082-4097. 地球科学
- 1989、van Peet, J.C.A. and R.J. van der A, Deriving tropospheric ozone from assimilated profiles. *Atmospheric Chemistry and Physics*, 2019. 19(12): p. 8297-8309. 地球科学
- 1990、Sun, J.Q. and M.Q. Zhang, Decadal change in the sea level pressure prediction skill over the Mediterranean region and its contribution to downstream surface air temperature prediction. *Climate Dynamics*, 2019. 53(9-10): p. 5187-5202. 地球科学
- 1991、Ji, Z.H. and X.Q. Liu, Comparative analysis of PM2.5 pollution risk in China using three-dimensional Archimedean copula method. *Geomatics Natural Hazards & Risk*, 2019. 10(1): p. 2368-2386. 地球科学
- 1992、Cheng, Z.J., et al., Cloud type identification for a landfalling typhoon based on millimeter-wave radar range-height-indicator data. *Frontiers of Earth Science*, 2019. 13(4): p. 829-835. 地球科学
- 1993、Liang, Y.X. and P.F. Xiao, Climatic Effects of China Large-Scale Urbanization on East Asian Summer Monsoon under Different Phases of Pacific Decadal Oscillation. *Atmosphere*, 2019. 10(2): p. 13. 地球科学
- 1994、Li, Q. and X.L. Zou, Bias characterization of ATMS low-level channels under clear-sky and cloudy conditions. *Frontiers of Earth Science*, 2019. 13(2): p. 277-289. 地球科学
- 1995、Ji, Y., Y.J. Li, and Z.W. Wu, BOREAL SUMMER CLIMATOLOGY AND STANDARD DEVIATION IN GLOBAL LOW-FREQUENCY STREAMFUNCTION FIELDS AT 200 hPa. *Journal of Tropical Meteorology*, 2019. 25(2): p. 153-161. 地球科学
- 1996、Xu, Y.M., Z.H. Qin, and Y.H. Liu, A Semi-Empirical Split-Window Algorithm for Retrieving near Surface Air Temperature from MODIS Data. *Canadian Journal of Remote Sensing*, 2019.

- 45(6): p. 733-745. 地球科学
- 1997、Xie, X.W., et al., A Mixture Likelihood Model of the Anisotropic Gaussian and Uniform Distributions for Accurate Oblique Image Point Matching. *Ieee Geoscience and Remote Sensing Letters*, 2019. 16(9): p. 1437-1441. 地球科学
- 1998、Zhao, Q., et al., Psychosocial correlates of health-related quality of life among people living with HIV in China: the mediating role of resilience. *Aids*, 2019. 33: p. S63-S70. 免疫学
- 1999、Liang, C., et al., Recent Progress in Ferroptosis Inducers for Cancer Therapy. *Advanced Materials*, 2019. 31(51): p. 25. 材料科学
- 2000、Wang, J., et al., Fabrication of 3D Co-doped Ni-based MOF hierarchical micro-flowers as a high-performance electrode material for supercapacitors. *Applied Surface Science*, 2019. 483: p. 1158-1165. 材料科学
- 2001、Bu, Y.F., et al., Synergistic interaction of perovskite oxides and N-doped graphene in versatile electrocatalyst. *Journal of Materials Chemistry A*, 2019. 7(5): p. 2048-2054. 材料科学
- 2002、Chen, D.P., et al., Photothermal-pH-hypoxia responsive multifunctional nanoplatfrom for cancer photo-chemo therapy with negligible skin phototoxicity. *Biomaterials*, 2019. 221: p. 11. 材料科学
- 2003、Zhang, S.C., et al., Phase-Change Materials Based Nanoparticles for Controlled Hypoxia Modulation and Enhanced Phototherapy. *Advanced Functional Materials*, 2019. 29(49): p. 9. 材料科学
- 2004、Qiu, P.X., et al., Porous three-dimensional carbon foams with interconnected microchannels for high-efficiency solar-to-vapor conversion and desalination. *Journal of Materials Chemistry A*, 2019. 7(21): p. 13036-13042. 材料科学
- 2005、Hu, X.Z. and J. Zhu, Tailoring Aerogels and Related 3D Macroporous Monoliths for Interfacial Solar Vapor Generation. *Advanced Functional Materials*, 2020. 30(3): p. 17. 材料科学
- 2006、Song, Y.H., et al., Construction of 2D SnS₂/g-C₃N₄ Z-scheme composite with superior visible-light photocatalytic performance. *Applied Surface Science*, 2019. 467: p. 56-64. 材料科学
- 2007、Wang, P., et al., Manganese-Based Nanoplatfrom As Metal Ion-Enhanced ROS Generator for Combined Chemodynamic/Photodynamic Therapy. *Acs Applied Materials & Interfaces*, 2019. 11(44): p. 41140-41147. 材料科学
- 2008、Guo, Y., et al., Chitosan modified Cu₂O nanoparticles with high catalytic activity for p-nitrophenol reduction. *Applied Surface Science*, 2019. 480: p. 601-610. 材料科学
- 2009、Huang, X.G., et al., Bead-like Co-doped ZnO with improved microwave absorption properties. *Ceramics International*, 2019. 45(6): p. 7789-7796. 材料科学
- 2010、Qin, Y.S., et al., Laser absorption and infrared stealth properties of Al/ATO composites. *Ceramics International*, 2019. 45(11): p. 14312-14315. 材料科学
- 2011、Zhang, X.M., et al., Enhanced selectively removal uranyl ions from aqueous solution by Fe@ZIF-8. *Microporous and Mesoporous Materials*, 2019. 277: p. 52-59. 材料科学
- 2012、Wang, W., et al., Large-scale preparation of rice-husk-derived mesoporous SiO₂@TiO₂ as efficient and promising photocatalysts for organic contaminants degradation. *Applied Surface Science*, 2019. 467: p. 1187-1194. 材料科学
- 2013、Ul Abideen, Z. and F. Teng, Effect of alkaline treatment on photochemical activity and stability of Zn_{0.3}Cd_{0.7}S. *Applied Surface Science*, 2019. 465: p. 459-469. 材料科学

- 2014、Shao, S.F., et al., Ultrasensitive and highly selective detection of acetone based on Au@WO₃-SnO₂ corrugated nanofibers. *Applied Surface Science*, 2019. 473: p. 902-911. 材料科学
- 2015、Shao, S.F., et al., A novel RGO-MoS₂-CdS nanocomposite film for application in the ultrasensitive NO₂ detection. *Journal of Alloys and Compounds*, 2019. 774: p. 1-10. 材料科学
- 2016、Liu, Z.L., C. Yuan, and F. Teng, Crystal facets-predominated oxygen evolution reaction activity of earth abundant CoMoO₄ electrocatalyst. *Journal of Alloys and Compounds*, 2019. 781: p. 460-466. 材料科学
- 2017、Xu, L.H., et al., The morphological evolution of ZnO thin films by Sn ions doping and its influence on the surface energy and photocatalytic activity. *Materials Chemistry and Physics*, 2019. 229: p. 215-225. 材料科学
- 2018、Xu, J.J., et al., Synergistic removal of Cr(VI) and dye contaminants by 0D/2D bismuth molybdate homojunction photocatalyst under visible light. *Applied Surface Science*, 2019. 484: p. 1080-1088. 材料科学
- 2019、Shen, G.Z., et al., Magnetic hollow mesoporous carbon composites with impedance matching for highly effective microwave absorption. *Journal of Materials Science*, 2019. 54(5): p. 4024-4037. 材料科学
- 2020、Cui, Y., et al., Designing and Fabricating Ordered Mesoporous Metal Oxides for CO₂ Catalytic Conversion: A Review and Prospect. *Materials*, 2019. 12(2): p. 28. 材料科学
- 2021、Yan, Z., et al., Manganese oxide catalysts supported on zinc oxide nanorod arrays: A new composite for selective catalytic reduction of NO_x with NH₃ at low temperature. *Applied Surface Science*, 2019. 491: p. 579-589. 材料科学
- 2022、Shi, H.X., et al., Near-Infrared Light-Harvesting Fullerene-Based Nanoparticles for Promoted Synergetic Tumor Phototheranostics. *Acs Applied Materials & Interfaces*, 2019. 11(48): p. 44970-44977. 材料科学
- 2023、Li, Z., et al., Mimicking Localized Surface Plasmons with Structural Dispersion. *Advanced Optical Materials*, 2019. 7(10): p. 8. 材料科学
- 2024、Xu, L.H., et al., Enhanced photocatalytic performance of porous ZnO thin films by CuO nanoparticles surface modification. *Materials Science and Engineering B-Advanced Functional Solid-State Materials*, 2019. 248: p. 8. 材料科学
- 2025、Huang, X.G., et al., Preparation and electromagnetic properties of nanosized ZnFe₂O₄ with various shapes. *Ceramics International*, 2019. 45(15): p. 18389-18397. 材料科学
- 2026、Zou, X.J., et al., Actively tunable mid-infrared Fano resonance in Ge₂Sb₂Te₅-based grating structures. *Optical Materials*, 2019. 88: p. 54-59. 材料科学
- 2027、Zou, J.H., et al., A glutathione responsive pyrrolopyrrolidone nanotheranostic agent for turn-on fluorescence imaging guided photothermal/photodynamic cancer therapy. *Materials Chemistry Frontiers*, 2019. 3(10): p. 2143-2150. 材料科学
- 2028、Lyu, Z.Y., et al., Promoting defective-Li₂O₂ formation via Na doping for Li-O₂ batteries with low charge overpotentials. *Journal of Materials Chemistry A*, 2019. 7(17): p. 10389-10396. 材料科学
- 2029、Xu, M.G., et al., An Intrinsically Conductive Phosphorus-Doped Perovskite Oxide as a New Cathode for High-Performance Dye-Sensitized Solar Cells by Providing Internal Conducting Pathways. *Solar Rrl*, 2019. 3(8): p. 11. 材料科学
- 2030、Yang, C., et al., Ultra-long ZnO/carbon nanofiber as free-standing electrochemical sensor

for dopamine in the presence of uric acid. *Journal of Materials Science*, 2019. 54(24): p. 14897-14904. 材料科学

2031、Wang, W., et al., Rice-husk-derived mesoporous 0D/2D C₃N₄ isotype heterojunction with improved quantum effect for photodegradation of tetracycline antibiotics. *Ceramics International*, 2019. 45(2): p. 2234-2240. 材料科学

2032、Zhou, X.Y., et al., Porous Mo-Co-S Nanosheets on Carbon Cloth for All-Solid-State Flexible Asymmetric Supercapacitors. *Advanced Materials Interfaces*, 2019. 6(22): p. 8. 材料科学

2033、Zhou, Y.J., et al., Gold nanoparticles immobilized on single-layer alpha-zirconium phosphate nanosheets as a highly effective heterogeneous catalyst. *Advanced Composites and Hybrid Materials*, 2019. 2(3): p. 520-529. 材料科学

2034、Lian, X.B., et al., Carbon Dioxide Captured by Metal Organic Frameworks and Its Subsequent Resource Utilization Strategy: A Review and Prospect. *Journal of Nanoscience and Nanotechnology*, 2019. 19(6): p. 3059-3078. 材料科学

2035、Liu, Z.S., et al., A General Approach for Buckled Bulk Composites by Combined Biaxial Stretch and Layer-by-Layer Deposition and Their Electrical and Electromagnetic Applications. *Advanced Electronic Materials*, 2019. 5(4): p. 13. 材料科学

2036、Wang, W., et al., TiO₂@g-C₃N₄ heterojunction with directional charge migration behavior for photodegradation of tetracycline antibiotics. *Materials Letters*, 2019. 236: p. 622-624. 材料科学

2037、Yu, F.X., L. Zhang, and F. Jiang, Rationalizing the control of interfacial charge transfer directions in halide perovskite materials via additives: A first principles investigation. *Applied Surface Science*, 2019. 481: p. 1178-1184. 材料科学

2038、Wu, M.Y., et al., NH₂-GQDs-Doped Nickel-Cobalt Oxide Deposited on Carbon Cloth for Nonenzymatic Detection of Glucose. *Advanced Materials Interfaces*, 2020. 7(1): p. 6. 材料科学

2039、Yu, W.T., et al., Tuning of the dynamics of metal ion crosslinked hydrogels by network structures. *Soft Matter*, 2019. 15(22): p. 4423-4427. 材料科学

2040、Dong, X.X., et al., Photoelectrochemical response to glutathione in Au-decorated ZnO nanorod array. *Journal of Materials Chemistry C*, 2019. 7(19): p. 5624-5629. 材料科学

2041、Hao, W.Y., et al., Synergistic effect of Mott-Schottky junction with oxygen defect and dramatically improved charge transfer and separation of Bi@Bi-doped TiO₂. *Solar Energy Materials and Solar Cells*, 2019. 203: p. 8. 材料科学

2042、Zhang, L., et al., Molecular engineering lithium sulfur battery cathode based on small organic molecules: An ab-initio investigation. *Applied Surface Science*, 2019. 484: p. 1184-1190. 材料科学

2043、Xu, L.L., et al., Effects of the fabrication strategy on the catalytic performances of Co-Ni bimetal ordered mesoporous catalysts toward CO₂ methanation. *Sustainable Energy & Fuels*, 2019. 3(11): p. 3038-3049. 材料科学

2044、Xu, C., et al., Binary nickel-cobalt metal-organic frameworks as electrode for high performance pseudocapacitor. *Journal of Materials Science-Materials in Electronics*, 2019. 30(21): p. 19477-19486. 材料科学

2045、Xu, Y.C., et al., A nano-embryonic mechanism for superelasticity, elastic softening, invar and elinvar effects in defected pre-transitional materials. *Acta Materialia*, 2019. 171: p. 240-252. 材料科学

2046、Lu, G.Z., et al., Two green iridium(iii) complexes containing the electron-transporting group

of 4-phenyl-4H-1,2,4-triazole for highly efficient OLEDs. *Journal of Materials Chemistry C*, 2019. 7(7): p. 2022-2028. 材料科学

2047、Tao, T., et al., Triphenylethylene-based biimidazoles showing preferable detection of explosives and their rhenium complexes undergoing chiral and cis-trans transformations. *Journal of Materials Chemistry C*, 2019. 7(13): p. 3765-3771. 材料科学

2048、Xu, X.Y., et al., Engineering Interfaces to Steer Hole Dynamics of BiVO₄ Photoanodes for Solar Water Oxidation. *Solar Rrl*, 2019. 3(11): p. 9. 材料科学

2049、Wang, L.X., et al., Performance Enhancement of All-Inorganic Quantum Dot Light-Emitting Diodes via Surface Modification of Nickel Oxide Nanoparticles Hole Transport Layer. *Acs Applied Electronic Materials*, 2019. 1(10): p. 2096-+. 材料科学

2050、Shen, G.Z., et al., Impact of Fe deposition on microwave absorption properties of ordered mesoporous carbon flakes. *Journal of Materials Science-Materials in Electronics*, 2019. 30(16): p. 15321-15330. 材料科学

2051、Wu, H.Y., et al., Effect of processing factors on the microstructure and gradual diffusion of tungstenized layers. *Applied Surface Science*, 2019. 477: p. 232-240. 材料科学

2052、Han, M., et al., Artificial solid electrolyte interphase for thermally stable rechargeable aqueous zinc batteries. *Journal of Power Sources*, 2019. 441: p. 9. 材料科学

2053、Huang, X.G. and S.W. Or, Unique electromagnetic loss properties of Co-doped ZnO Nanofiber. *Materials Letters*, 2019. 238: p. 271-274. 材料科学

2054、Ju, D., et al., Solution processed membrane-based wearable ZnO/graphene Schottky UV photodetectors with imaging application. *Nanotechnology*, 2019. 30(37): p. 8. 材料科学

2055、Zhang, A., et al., Controllable synthesis and efficient photocatalytic activity of BiOF nanodisks exposed with {101} facets, instead of {001} facets. *Journal of Alloys and Compounds*, 2019. 794: p. 127-136. 材料科学

2056、Cheng, D.Y., et al., Amorphous Core-Shell Nanoparticles as a Highly Effective and Stable Battery-Type Electrode for Hybrid Supercapacitors. *Advanced Materials Interfaces*, 2019. 6(19): p. 9. 材料科学

2057、Kuo, W.S., et al., Amelioration of Experimentally Induced Arthritis by Reducing Reactive Oxygen Species Production through the Intra-Articular Injection of Water-Soluble Fullerenol. *Nanomaterials*, 2019. 9(6): p. 12. 材料科学

2058、Lei, B., et al., Nondestructive hole doping enabled photocurrent enhancement of layered tungsten diselenide. *2d Materials*, 2019. 6(2): p. 8. 材料科学

2059、Jia, H.L., et al., Self-Assembly by Coordination with Organic Antenna Chromophores for Dye-Sensitized Solar Cells. *Acs Applied Materials & Interfaces*, 2019. 11(17): p. 15845-15852. 材料科学

2060、Yang, Z., et al., Influence of structure water on crystal structure of hydrated molybdenum oxide and its interesting photothermal catalytic performances under indoor ambient conditions. *Materials Today Chemistry*, 2019. 14: p. 9. 材料科学

2061、Xu, C.M., et al., Fabrication of two-dimensional indium oxide nanosheets with graphitic carbon nitride nanosheets as sacrificial templates. *Materials Letters*, 2019. 242: p. 24-27. 材料科学

2062、Zhang, L. and B. Wu, Understanding adsorption of nucleobases on CH₃NH₃PbI₃ surfaces toward biological applications of halide perovskite materials. *Applied Surface Science*, 2019. 483: p. 1052-+. 材料科学

- 2063、Jiang, F., et al., Thick tungsten coating obtained by pulse reverse electroplating from molten salt in atmosphere. *Materials Research Express*, 2019. 6(1): p. 8. 材料科学
- 2064、Yao, S.N., et al., Synthesis and photocatalytic properties of electrodeposited bismuth oxyiodide on rutile/anatase TiO₂ heterostructure. *Materials Research Express*, 2019. 6(5): p. 8. 材料科学
- 2065、Liu, X., et al., Narrow-Band QD-Enhanced PIN Metal-Oxide Heterostructure Phototransistor with the Assistance of Printing Processes. *Advanced Optical Materials*, 2020. 8(4): p. 8. 材料科学
- 2066、Huang, J.L., et al., Surface decoration of BiOCl with BiVO₄ particles towards enhanced visible-light-driven photocatalytic performance. *Materials Research Express*, 2019. 6(4): p. 10. 材料科学
- 2067、Chen, J., Z.C. Fu, and Y. Zhao, Resistance behaviour of carbon fibre-reinforced polymers subjected to lightning strikes: Experimental investigation and application. *Advanced Composites Letters*, 2019. 28: p. 10. 材料科学
- 2068、Zhou, Y., et al., Polysulfide-driven low charge overpotential for aprotic lithium-oxygen batteries. *Journal of Materials Chemistry A*, 2019. 7(15): p. 8777-8784. 材料科学
- 2069、Liao, K., et al., Fabrication of core-shell C/MnO nanocomposite by liquid deposition for high performance lithium-ion batteries. *Journal of Materials Science-Materials in Electronics*, 2019. 30(6): p. 5978-5985. 材料科学
- 2070、Zhang, F., et al., Dissolved Organic Matter Modulates Algal Oxidative Stress and Membrane System Responses to Binary Mixtures of Nano-Metal-Oxides (nCeO₂, nMgO and nFe(3)O(4)) and Sulfadiazine. *Nanomaterials*, 2019. 9(5): p. 12. 材料科学
- 2071、Cao, H., et al., Simulations on photovoltaic conversion in perovskite solar cells by solving hierarchical equations of motion. *Aip Advances*, 2019. 9(5): p. 7. 材料科学
- 2072、Ma, C., H.O. Yu, and K.H. Yu, Plasma-enhanced chemical vapor deposition of graphene optimized by pressure. *Materials Research Express*, 2019. 6(10): p. 5. 材料科学
- 2073、Kong, Y. and S.Z. Pan, Intelligent Prediction Method for Transport Resource Allocation. *Sensors and Materials*, 2019. 31(6): p. 1917-1925. 材料科学
- 2074、Rao, W.F., et al., Fabrication, characterization, and luminescent properties of Y₂WO₆: Gd³⁺, Dy³⁺ hierarchical microspheres. *Journal of Materials Science-Materials in Electronics*, 2019. 30(5): p. 4393-4399. 材料科学
- 2075、Fei, J.L., et al., Effect of Er incorporation on structural and element distribution of Zr alloyed layers prepared using double glow plasma surface alloying. *Transactions of the Institute of Metal Finishing*, 2019. 97(3): p. 155-160. 材料科学
- 2076、Jiang, F., et al., Corrosion behavior of zinc coating electroplated at high current from a deep eutectic solvent. *Materials Research Express*, 2019. 6(1): p. 6. 材料科学
- 2077、Lin, H., J.X. Ge, and J. Wang, Scaling relationships between acoustic and electromagnetic scattering by an infinite cylinder. *Aip Advances*, 2019. 9(12): p. 7. 材料科学
- 2078、Ma, C., et al., Plasma-enhanced chemical vapor deposition of graphene on dielectric substrate in Faraday cage: a kinetic study. *Materials Research Express*, 2019. 6(4): p. 5. 材料科学
- 2079、Guan, Y., et al., Phase field modeling of the microstructure in PS-AA-PMMA and PSAA-PMMA/X. *Materials Research Express*, 2019. 6(7): p. 9. 材料科学
- 2080、Yang, C., X.H. Sun, and C.Y. Zhang, Millepore species-like ultra-long carbon fiber/cobalt

nickel and its electrochemical activity. *Materials Research Express*, 2019. 6(11): p. 8. 材料科学

2081、Yang, J.Y., et al., Hydrothermal synthesis and photoluminescence of host sensitized Yb²⁺O₃: Ho³⁺ nanorods. *Materials Research Express*, 2019. 6(1): p. 6. 材料科学

2082、Ren, Y.J., et al., Secure data storage based on blockchain and coding in edge computing. *Mathematical Biosciences and Engineering*, 2019. 16(4): p. 1874-1892. 数学

2083、Liu, W.J. and W.F. Zhao, Stabilization of a Thermoelastic Laminated Beam with Past History. *Applied Mathematics and Optimization*, 2019. 80(1): p. 103-133. 数学

2084、Zhang, X.B. and H.L. Zhu, Hopf Bifurcation and Chaos of a Delayed Finance System. *Complexity*, 2019: p. 18. 数学

2085、Shafiq, A., et al., On the MHD Casson Axisymmetric Marangoni Forced Convective Flow of Nanofluids. *Mathematics*, 2019. 7(11): p. 15. 数学

2086、Lu, C.N., L.Y. Xie, and H.W. Yang, Analysis of Lie symmetries with conservation laws and solutions for the generalized (3+1)-dimensional time fractional Camassa-Holm-Kadomtsev-Petviashvili equation. *Computers & Mathematics with Applications*, 2019. 77(12): p. 3154-3171. 数学

2087、Fu, L., Y.D. Chen, and H.W. Yang, Time-Space Fractional Coupled Generalized Zakharov-Kuznetsov Equations Set for Rossby Solitary Waves in Two-Layer Fluids. *Mathematics*, 2019. 7(1): p. 13. 数学

2088、Zhuang, H.F., W.J. Liu, and J. Park, Some Quantum Estimates of Hermite-Hadamard Inequalities for Quasi-Convex Functions. *Mathematics*, 2019. 7(2): p. 18. 数学

2089、Chen, Z.J., W.J. Liu, and D.Q. Chen, General Decay Rates for a Laminated Beam with Memory. *Taiwanese Journal of Mathematics*, 2019. 23(5): p. 1227-1252. 数学

2090、Xu, X.C., et al., Estimates of complex eigenvalues and an inverse spectral problem for the transmission eigenvalue problem. *Electronic Journal of Qualitative Theory of Differential Equations*, 2019(38): p. 1-15. 数学

2091、Lu, S.P., Y.Z. Guo, and L.J. Chen, Periodic solutions for Lienard equation with an indefinite singularity. *Nonlinear Analysis-Real World Applications*, 2019. 45: p. 542-556. 数学

2092、Shafiq, A., et al., Significance of Double Stratification in Stagnation Point Flow of Third-Grade Fluid towards a Radiative Stretching Cylinder. *Mathematics*, 2019. 7(11): p. 17. 数学

2093、Yu, X.C. and S.P. Lu, A multiplicity result for periodic solutions of Lienard equations with an attractive singularity. *Applied Mathematics and Computation*, 2019. 346: p. 183-192. 数学

2094、Liu, W.J., et al., Well-posedness and asymptotic stability to a laminated beam in thermoelasticity of type III. *Mathematical Methods in the Applied Sciences*, 2020. 43(6): p. 3148-3166. 数学

2095、Zhang, Z.C., Uncertainty Principle for Real Functions in Free Metaplectic Transformation Domains. *Journal of Fourier Analysis and Applications*, 2019. 25(6): p. 2899-2922. 数学

2096、Feng, Z.W. and C.Q. Tan, Pricing, Green Degree and Coordination Decisions in a Green Supply Chain with Loss Aversion. *Mathematics*, 2019. 7(3): p. 25. 数学

2097、Xiong, Y.Q. and J.Q. Hu, Limit cycle bifurcations in perturbations of planar piecewise smooth systems with multiply lines of critical points. *Journal of Mathematical Analysis and Applications*, 2019. 474(1): p. 194-218. 数学

2098、Lu, Z.Y., J.H. Hu, and X.R. Mao, STABILISATION BY DELAY FEEDBACK CONTROL FOR HIGHLY NONLINEAR HYBRID STOCHASTIC DIFFERENTIAL EQUATIONS. *Discrete and Continuous Dynamical*

- Systems-Series B, 2019. 24(8): p. 4099-4116. 数学
- 2099、Iyama, O. and X.J. Zhang, TILTING MODULES OVER AUSLANDER-GORENSTEIN ALGEBRAS. Pacific Journal of Mathematics, 2019. 298(2): p. 399-416. 数学
- 2100、Lu, T.A., et al., Controlling Coexisting Attractors of Conditional Symmetry. International Journal of Bifurcation and Chaos, 2019. 29(14): p. 16. 数学
- 2101、Liu, J. and X. Zhang, Stability and Hopf bifurcation of a delayed reaction-diffusion predator-prey model with anti-predator behaviour. Nonlinear Analysis-Modelling and Control, 2019. 24(3): p. 387-406. 数学
- 2102、Jiang, F. and N.S. Trudinger, Oblique boundary value problems for augmented Hessian equations III. Communications in Partial Differential Equations, 2019. 44(8): p. 708-748. 数学
- 2103、Zhang, X.B. and H.L. Zhu, Dynamics and pattern formation in homogeneous diffusive predator-prey systems with predator interference or foraging facilitation. Nonlinear Analysis-Real World Applications, 2019. 48: p. 267-287. 数学
- 2104、Liao, F., L.M. Zhang, and T.C. Wang, Unconditional L-infinity convergence of a conservative compact finite difference scheme for the N-coupled Schrodinger-Boussinesq equations. Applied Numerical Mathematics, 2019. 138: p. 54-77. 数学
- 2105、Lu, S.P. and R.Y. Xue, PERIODIC SOLUTIONS FOR A SINGULAR LIENARD EQUATION WITH INDEFINITE WEIGHT. Topological Methods in Nonlinear Analysis, 2019. 54(1): p. 203-218. 数学
- 2106、Tan, L. and X. Yu, Medical Image Fusion Based on Fast Finite Shearlet Transform and Sparse Representation. Computational and Mathematical Methods in Medicine, 2019. 2019: p. 14. 数学
- 2107、Wang, J.L., D. Liang, and Y.S. Wang, Analysis of a conservative high-order compact finite difference scheme for the Klein-Gordon-Schrodinger equation. Journal of Computational and Applied Mathematics, 2019. 358: p. 84-96. 数学
- 2108、Liu, H.Z., et al., Accelerated Degradation Model of Nonlinear Wiener Process Based on Fixed Time Index. Mathematics, 2019. 7(5): p. 16. 数学
- 2109、Wang, T.C. and B.L. Guo, Unconditional convergence of linearized implicit finite difference method for the 2D/3D Gross-Pitaevskii equation with angular momentum rotation. Science China-Mathematics, 2019. 62(9): p. 1669-1686. 数学
- 2110、Mao, G.S. and J. Wang, On some congruences involving Domb numbers and harmonic numbers. International Journal of Number Theory, 2019. 15(10): p. 2179-2200. 数学
- 2111、Kiss, S.Z., C. Sandor, and Q.H. Yang, On minimal additive complements of integers. Journal of Combinatorial Theory Series A, 2019. 162: p. 344-353. 数学
- 2112、Jia, Z., Z.D. Yang, and C.Y. Wang, NON-SIMULTANEOUS QUENCHING IN A SEMILINEAR PARABOLIC SYSTEM WITH MULTI-SINGULAR REACTION TERMS. Electronic Journal of Differential Equations, 2019: p. 13. 数学
- 2113、Xiong, Y.Q. and J.Q. Hu, A class of reversible quadratic systems with piecewise polynomial perturbations. Applied Mathematics and Computation, 2019. 362: p. 17. 数学
- 2114、Zhang, Q.G., Y.N. Li, and M.L. Su, The local and global existence of solutions for a time fractional complex Ginzburg-Landau equation. Journal of Mathematical Analysis and Applications, 2019. 469(1): p. 16-43. 数学
- 2115、Dong, F.F. and Q.T. Ma, Single image blind deblurring based on the fractional-order differential. Computers & Mathematics with Applications, 2019. 78(6): p. 1960-1977. 数学
- 2116、Li, T., et al., Simultaneous disturbance estimation and fault reconstruction using probability

- density functions. *Applied Mathematics and Computation*, 2019. 362: p. 13. 数学
- 2117、 Xu, W.W., et al., On interval estimates of perturbations of generalized eigenvalues for diagonalizable pairs. *Linear Algebra and Its Applications*, 2019. 562: p. 15-43. 数学
- 2118、 Dong, J.C. and L. Dai, On braided almost square-free fusion categories with odd dimension. *Communications in Algebra*, 2019. 47(12): p. 5063-5071. 数学
- 2119、 Li, C.L., X.M. Sun, and Y.Q. Li, Information hiding based on Augmented Reality. *Mathematical Biosciences and Engineering*, 2019. 16(5): p. 4777-4787. 数学
- 2120、 Zhang, Q.G., H.R. Sun, and Y.N. Li, Global existence and blow-up of solutions of the Cauchy problem for a time fractional diffusion system. *Computers & Mathematics with Applications*, 2019. 78(5): p. 1357-1366. 数学
- 2121、 Lu, S.P. and X.C. Yu, Existence of positive periodic solutions for a neutral Lienard equation with a singularity of repulsive type. *Journal of Fixed Point Theory and Applications*, 2019. 21(1): p. 15. 数学
- 2122、 Li, G., et al., Well-posedness and exponential stability of a flexible structure with second sound and time delay. *Applicable Analysis*, 2019. 98(16): p. 2903-2915. 数学
- 2123、 Wu, B., et al., Unique continuation for a reaction-diffusion system with cross diffusion. *Journal of Inverse and Ill-Posed Problems*, 2019. 27(4): p. 511-525. 数学
- 2124、 Dong, B.H., et al., The inverse Fueter mapping theorem for axially monogenic functions of degree k . *Journal of Mathematical Analysis and Applications*, 2019. 476(2): p. 819-835. 数学
- 2125、 Huang, Y., et al., Space-Time Spectral Collocation Method for Solving Burgers Equations with the Convergence Analysis. *Symmetry-Basel*, 2019. 11(12): p. 24. 数学
- 2126、 Liu, F. and F.D. Jiang, Parabolic Biased Infinity Laplacian Equation Related to the Biased Tug-of-War. *Advanced Nonlinear Studies*, 2019. 19(1): p. 89-112. 数学
- 2127、 Mao, G.S. and Z.J. Cao, On two congruence conjectures. *Comptes Rendus Mathematique*, 2019. 357(11-12): p. 815-822. 数学
- 2128、 Li, Z.J. and X.H. Pan, On the Vanishing of Some D-Solutions to the Stationary Magnetohydrodynamics System. *Journal of Mathematical Fluid Mechanics*, 2019. 21(4): p. 13. 数学
- 2129、 Fang, J.H. and Z.K. Fang, On an inverse problem in additive number theory. *Acta Mathematica Hungarica*, 2019. 158(1): p. 36-39. 数学
- 2130、 Xu, X.C. and C.F. Yang, On a Non-uniqueness Theorem of the Inverse Transmission Eigenvalues Problem for the Schrodinger Operator on the Half Line. *Results in Mathematics*, 2019. 74(3): p. 7. 数学
- 2131、 Fang, J.H. and Y.G. Chen, ON A CONJECTURE OF ADDITIVE COMPLEMENTS. *Quarterly Journal of Mathematics*, 2019. 70(3): p. 927-936. 数学
- 2132、 Zhai, Y.L., Z.S. Xu, and P.J. Ren, Differentiating the Personalized Information of the Physician-Patient Communication for the Chronic Obstructive Pulmonary Disease with General Probabilistic Vector Linguistic Terms. *Complexity*, 2019. 2019: p. 21. 数学
- 2133、 Xu, Y.W., F.Y. Meng, and N. Wang, Correlation coefficients of linguistic interval hesitant fuzzy sets and their application. *Iranian Journal of Fuzzy Systems*, 2019. 16(4): p. 65-81. 数学
- 2134、 Chen, X.Y., et al., A high-capacity coverless image steganography method based on double-level index and block matching. *Mathematical Biosciences and Engineering*, 2019. 16(5): p. 4708-4722. 数学
- 2135、 Liu, W.J., B.Q. Zhu, and G. Li, Upper and lower bounds for the blow-up time for a

viscoelastic wave equation with dynamic boundary conditions. *Quaestiones Mathematicae*, 2020. 43(8): p. 999-1017. 数学

2136、Zhang, Q.G. and Y.N. Li, The critical exponents for a time fractional diffusion equation with nonlinear memory in a bounded domain. *Applied Mathematics Letters*, 2019. 92: p. 1-7. 数学

2137、Xu, W.W., et al., THE ANALYTIC SOLUTIONS OF A CLASS OF CONSTRAINED MATRIX MINIMIZATION AND MAXIMIZATION PROBLEMS WITH APPLICATIONS. *Siam Journal on Optimization*, 2019. 29(2): p. 1657-1686. 数学

2138、Lai, P., et al., Robust model-free feature screening for ultrahigh dimensional surrogate data. *Journal of Statistical Computation and Simulation*, 2020. 90(3): p. 550-569. 数学

2139、Hu, X.P., Y. Xiu, and J. Cao, Recombined multinomial tree based on saddle-point approximation and its application to Levy models options pricing. *Journal of Computational and Applied Mathematics*, 2019. 346: p. 432-439. 数学

2140、Zhou, Z.L., et al., Polynomial-Based Google Map Graphical Password System against Shoulder-Surfing Attacks in Cloud Environment. *Complexity*, 2019. 2019: p. 8. 数学

2141、Liu, C.Y., W. Shi, and X.Y. Wu, NUMERICAL ANALYSIS OF AN ENERGY-CONSERVATION SCHEME FOR TWO-DIMENSIONAL HAMILTONIAN WAVE EQUATIONS WITH NEUMANN BOUNDARY CONDITIONS. *International Journal of Numerical Analysis and Modeling*, 2019. 16(2): p. 319-339. 数学

2142、Xu, X.L., et al., Joint Optimization of Energy Conservation and Migration Cost for Complex Systems in Edge Computing. *Complexity*, 2019. 2019: p. 14. 数学

2143、Zhang, Q.G. and Y.N. Li, Global well-posedness and blow-up solutions of the Cauchy problem for a time-fractional superdiffusion equation. *Journal of Evolution Equations*, 2019. 19(1): p. 271-303. 数学

2144、Chen, K.W., W.J. Liu, and J. Yu, General decay for a nonlinear Bresse system with memory conditions on part of the boundary. *Applicable Analysis*, 2021. 100(9): p. 1949-1971. 数学

2145、Jiang, M.M., Y. Wang, and Y.L. Ren, Extensions and topological conditions of NJ rings. *Turkish Journal of Mathematics*, 2019. 43(1): p. 44-62. 数学

2146、Kong, L.H., L.Q. Kuang, and T.C. Wang, EFFICIENT NUMERICAL SCHEMES FOR TWO-DIMENSIONAL GINZBURG-LANDAU EQUATION IN SUPERCONDUCTIVITY. *Discrete and Continuous Dynamical Systems-Series B*, 2019. 24(12): p. 6325-6347. 数学

2147、Chen, B.J., et al., Color image splicing localization algorithm by quaternion fully convolutional networks and superpixel-enhanced pairwise conditional random field. *Mathematical Biosciences and Engineering*, 2019. 16(6): p. 6907-6922. 数学

2148、Jia, Z.H., Z.M. Wu, and X.M. Dong, An inexact proximal gradient algorithm with extrapolation for a class of nonconvex nonsmooth optimization problems. *Journal of Inequalities and Applications*, 2019: p. 16. 数学

2149、Chen, Y.G. and J.H. Fang, Additive Complements with Narkiewicz's Condition. *Combinatorica*, 2019. 39(4): p. 813-823. 数学

2150、Ye, Q.Q., The analysis of M-X/M/1 queue with two-stage vacations policy. *Communications in Statistics-Theory and Methods*, 2019. 48(18): p. 4492-4510. 数学

2151、Lai, P., F.L. Song, and Y.F. Gao, Stable feature screening for ultrahigh dimensional data. *Journal of the Korean Statistical Society*, 2019. 48(2): p. 221-232. 数学

2152、Taghavi, A., T.A. Roushan, and V. Darvish, Some Upper Bounds for the Berezin Number of Hilbert Space Operators. *Filomat*, 2019. 33(14): p. 4353-4360. 数学

- 2153、Hong, Q., J.L. Wang, and Y.Z. Gong, SECOND-ORDER LINEAR STRUCTURE-PRESERVING MODIFIED FINITE VOLUME SCHEMES FOR THE REGULARIZED LONG WAVE EQUATION. *Discrete and Continuous Dynamical Systems-Series B*, 2019. 24(12): p. 6445-6464. 数学
- 2154、Li, X.L., et al., Positive steady states of a ratio-dependent predator-prey system with cross-diffusion. *Mathematical Biosciences and Engineering*, 2019. 16(6): p. 6753-6768. 数学
- 2155、Bona, M. and I. Mezo, Limiting probabilities for vertices of a given rank in 1-2 trees. *Electronic Journal of Combinatorics*, 2019. 26(3): p. 19. 数学
- 2156、Liu, W.J., J.Y. Yu, and G. Li, Exponential stability of a flexible structure with second sound. *Annales Polonici Mathematici*, 2019. 122(1): p. 71-79. 数学
- 2157、Corcino, C., R. Corcino, and I. Mezo, Continued fraction expansions for the Lambert function. *Aequationes Mathematicae*, 2019. 93(2): p. 485-498. 数学
- 2158、Cui, Q., et al., An anti-forensic scheme on computer graphic images and natural images using generative adversarial networks. *Mathematical Biosciences and Engineering*, 2019. 16(5): p. 4923-4935. 数学
- 2159、Yan, A.L. and F.L. Song, Adaptive elastic net-penalized quantile regression for variable selection. *Communications in Statistics-Theory and Methods*, 2019. 48(20): p. 5106-5120. 数学
- 2160、Zhou, X.X., T.C. Wang, and L.M. Zhang, Two numerical methods for the Zakharov-Rubenchik equations. *Advances in Computational Mathematics*, 2019. 45(3): p. 1163-1184. 数学
- 2161、Xie, Z.Z., L.B. Zan, and X.J. Zhang, THREE RESULTS FOR tau-RIGID MODULES. *Rocky Mountain Journal of Mathematics*, 2019. 49(8): p. 2791-2808. 数学
- 2162、Mao, G.S., C. Wang, and J. Wang, Symbolic summation methods and congruences involving harmonic numbers. *Comptes Rendus Mathematique*, 2019. 357(10): p. 756-765. 数学
- 2163、Zhuang, P.X., X.H. Ding, and J.M. Duan, Subspace-based non-blind deconvolution. *Mathematical Biosciences and Engineering*, 2019. 16(4): p. 2202-2218. 数学
- 2164、Meng, F.Y., et al., Proportional coalition values for monotonic games on convex geometries with a coalition structure. *Journal of Computational and Applied Mathematics*, 2019. 348: p. 34-47. 数学
- 2165、Shi, J.H. and F.D. Jiang, POGORELOV ESTIMATES FOR THE MONGE AMPERE EQUATIONS. *Proceedings of the American Mathematical Society*, 2019. 147(6): p. 2561-2571. 数学
- 2166、Zhou, X.X., et al., Optimal H-2-error estimates of conservative compact difference scheme for the Zakharov equation in two-space dimension. *Mathematical Methods in the Applied Sciences*, 2019. 42(9): p. 3088-3102. 数学
- 2167、Chen, Y.G. and J.H. Fang, On the number of weakly prime-additive numbers. *Acta Mathematica Hungarica*, 2020. 160(2): p. 444-452. 数学
- 2168、Wang, C., X.L. Li, and P.K. Huang, On the error estimation and T-stability of the Ishikawa iteration for strongly demicontractive mappings. *Journal of Inequalities and Applications*, 2019: p. 12. 数学
- 2169、Qu, Z.G., et al., Effects of quantum noises on chi state-based quantum steganography protocol. *Mathematical Biosciences and Engineering*, 2019. 16(5): p. 4999-5021. 数学
- 2170、Qu, Z.G., et al., Continuous variable quantum steganography protocol based on quantum identity. *Mathematical Biosciences and Engineering*, 2019. 16(5): p. 4182-4195. 数学
- 2171、Xiao, J.Z. and Y. Zhu, Approximation of common fixed points of asymptotically nonexpansive cosine family based on modified Ishikawa iterations. *Computational & Applied Mathematics*, 2019. 38(4): p. 11. 数学

- 2172、Mezo, I. and J.L. Ramirez, A combinatorial approach to derangement matrix of type B. *Linear Algebra and Its Applications*, 2019. 582: p. 156-180. 数学
- 2173、Wu, B., et al., A coefficient identification problem for a mathematical model related to ductal carcinoma in situ. *Studies in Applied Mathematics*, 2019. 143(4): p. 356-372. 数学
- 2174、Huang, X.P. and L. Niu, Upper Escape Rate for Weighted Graphs via Metric Graphs. *Potential Analysis*, 2019. 50(4): p. 541-564. 数学
- 2175、Mezo, I., The restricted partition lattices. *Journal of Algebraic Combinatorics*, 2021. 53(1): p. 49-58. 数学
- 2176、Song, W.L., X.J. Zhang, and Z.R. Huang, THE SOCLE OF THE LAST TERM IN THE MINIMAL INJECTIVE RESOLUTION OF A GORENSTEIN MODULE. *Osaka Journal of Mathematics*, 2019. 56(1): p. 123-132. 数学
- 2177、Cao, P.C., et al., Steganographic coding scheme based on dither convolutional trellis under resampling mechanism. *Mathematical Biosciences and Engineering*, 2019. 16(5): p. 6015-6033. 数学
- 2178、Mi, Z.Y., SRB MEASURES FOR SOME DIFFEOMORPHISMS WITH DOMINATED SPLITTINGS AS ZERO NOISE LIMITS. *Discrete and Continuous Dynamical Systems*, 2019. 39(11): p. 6441-6465. 数学
- 2179、Wu, X.X. and Z.Y. Huang, Minimal right determiners of irreducible morphisms in tree string algebras. *International Journal of Algebra and Computation*, 2019. 29(6): p. 1063-1082. 数学
- 2180、Wang, T.C., et al., EFFICIENT AND ACCURATE NUMERICAL METHODS FOR LONG-WAVE SHORT-WAVE INTERACTION EQUATIONS IN THE SEMICLASSICAL LIMIT REGIME. *Journal of Computational Mathematics*, 2019. 37(5): p. 645-665. 数学
- 2181、Chang, B.X., et al., Analysis of Tollbooth Systems with Two Tandem Skill-Based Servers and Two Vehicle Types. *Methodology and Computing in Applied Probability*, 2020. 22(3): p. 1145-1167. 数学
- 2182、Darvish, V., et al., A STRONG CONVERGENCE THEOREM FOR A SYSTEM OF GENERALIZED MIXED EQUILIBRIUM PROBLEMS AND A FINITE FAMILY OF BREGMAN WEAK RELATIVELY NONEXPANSIVE MAPPINGS IN BANACH SPACES. *Journal of Nonlinear and Convex Analysis*, 2019. 20(9): p. 1853-1873. 数学
- 2183、Shen, L.D., et al., Active pathways of anaerobic methane oxidation across contrasting riverbeds. *Isme Journal*, 2019. 13(3): p. 752-766. 微生物学
- 2184、Duda, M., et al., Polarization of Myosin II Refines Tissue Material Properties to Buffer Mechanical Stress. *Developmental Cell*, 2019. 48(2): p. 245-+. 分子生物学与遗传学
- 2185、Tozluoglu, M., et al., Planar Differential Growth Rates Initiate Precise Fold Positions in Complex Epithelia. *Developmental Cell*, 2019. 51(3): p. 299-+. 分子生物学与遗传学
- 2186、Wang, Z., et al., Reduction in methamphetamine consumption trends from 2015 to 2018 detected by wastewater-based epidemiology in Dalian, China. *Drug and Alcohol Dependence*, 2019. 194: p. 302-309. 神经科学与行为学
- 2187、Supatmi, S., R.T. Hou, and I.D. Sumitra, Study of Hybrid Neurofuzzy Inference System for Forecasting Flood Event Vulnerability in Indonesia. *Computational Intelligence and Neuroscience*, 2019. 2019: p. 13. 神经科学与行为学
- 2188、Agathokleous, E. and E.J. Calabrese, Hormesis: The dose response for the 21st century: The future has arrived. *Toxicology*, 2019. 425: p. 5. 药理学与毒物学
- 2189、Liu, Y.H., et al., Ecotoxicological effects on *Scenedesmus obliquus* and *Danio rerio*

- Co-exposed to polystyrene nano-plastic particles and natural acidic organic polymer. *Environmental Toxicology and Pharmacology*, 2019. 67: p. 21-28. 药理学与毒物学
- 2190、Calabrese, E.J., et al., Re-analysis of herbal extracts data reveals that inflammatory processes are mediated by hormetic mechanisms. *Chemico-Biological Interactions*, 2019. 314: p. 6. 药理学与毒物学
- 2191、Nan, T., et al., Ultrasensitive strain sensor based on Vernier-effect improved parallel structured fiber-optic Fabry-Perot interferometer. *Optics Express*, 2019. 27(12): p. 17239-17250. 物理学
- 2192、Tetley, R.J., et al., Tissue fluidity promotes epithelial wound healing. *Nature Physics*, 2019. 15(11): p. 1195-1203. 物理学
- 2193、Zhu, J.M., et al., Carbon price forecasting with variational mode decomposition and optimal combined model. *Physica a-Statistical Mechanics and Its Applications*, 2019. 519: p. 140-158. 物理学
- 2194、Rasool, G., T. Zhang, and A. Shafiq, Second grade nanofluidic flow past a convectively heated vertical Riga plate. *Physica Scripta*, 2019. 94(12): p. 11. 物理学
- 2195、Li, C.B., et al., Doubling the coexisting attractors. *Chaos*, 2019. 29(5): p. 8. 物理学
- 2196、Atangana, A. and A. Shafiq, Differential and integral operators with constant fractional order and variable fractional dimension. *Chaos Solitons & Fractals*, 2019. 127: p. 226-243. 物理学
- 2197、Deng, M.X., et al., Quantum Oscillations of the Positive Longitudinal Magnetoconductivity: A Fingerprint for Identifying Weyl Semimetals. *Physical Review Letters*, 2019. 122(3): p. 5. 物理学
- 2198、Tian, Q.H., et al., DNN-based aberration correction in a wavefront sensorless adaptive optics system. *Optics Express*, 2019. 27(8): p. 10765-10776. 物理学
- 2199、Wang, J.C., et al., Analysis of Graphene-Based Multilayer Comb-Like Absorption System Based on Multiple Waveguide Theory. *Ieee Photonics Technology Letters*, 2019. 31(7): p. 561-564. 物理学
- 2200、Yang, H.W., J.C. Sun, and C. Fu, Time-fractional Benjamin-Ono equation for algebraic gravity solitary waves in baroclinic atmosphere and exact multi-soliton solution as well as interaction. *Communications in Nonlinear Science and Numerical Simulation*, 2019. 71: p. 187-201. 物理学
- 2201、Min, F.H., et al., Initial value-related dynamical analysis of the memristor-based system with reduced dimensions and its chaotic synchronization via adaptive sliding mode control method. *Chinese Journal of Physics*, 2019. 58: p. 117-131. 物理学
- 2202、Ren, J.X., et al., A probabilistically shaped star-CAP-16/32 modulation based on constellation design with honeycomb-like decision regions. *Optics Express*, 2019. 27(3): p. 2732-2746. 物理学
- 2203、Qu, Y.F., et al., Real-time in situ detection of the local air pollution with laser-induced breakdown spectroscopy. *Optics Express*, 2019. 27(12): p. A790-A799. 物理学
- 2204、Zheng, Y., et al., Black phosphorus inverter devices enabled by in-situ aluminum surface modification. *Nano Research*, 2019. 12(3): p. 531-536. 物理学
- 2205、Zhu, B.Z., L.L. Yuan, and S.X. Ye, Examining the multi-timescales of European carbon market with grey relational analysis and empirical mode decomposition. *Physica a-Statistical Mechanics and Its Applications*, 2019. 517: p. 392-399. 物理学
- 2206、Wang, H.F., et al., Comparative investigation of the mechanical, electrical and thermal

transport properties in graphene-like C3B and C3N. *Journal of Applied Physics*, 2019. 126(23): p. 9. 物理学

2207、Liu, S.P., et al., Realization of a highly sensitive mass sensor in a quadratically coupled optomechanical system. *Physical Review A*, 2019. 99(3): p. 12. 物理学

2208、Zhang, M.D., et al., 3-Layer conductive metal-organic nanosheets as electrocatalysts to enable an ultralow detection limit of H₂O₂. *Nanoscale*, 2019. 11(11): p. 5058-5063. 物理学

2209、Fa, T., et al., Development of an all-sky imaging system for cloud cover assessment. *Applied Optics*, 2019. 58(20): p. 5516-5524. 物理学

2210、Huang, Y.Q., et al., Structure, optical and electrical properties of CH₃NH₃SnI₃ single crystal. *Physica B-Condensed Matter*, 2019. 563: p. 107-112. 物理学

2211、Jin, Q.S., F.H. Min, and C.B. Li, Infinitely many coexisting attractors of a dual memristive Shinriki oscillator and its FPGA digital implementation. *Chinese Journal of Physics*, 2019. 62: p. 342-357. 物理学

2212、Wang, J., et al., A novel fiber in-line Michelson interferometer based on end face packaging for temperature and refractive index measurement. *Optik*, 2019. 194: p. 8. 物理学

2213、Feng, W.J., et al., A Bandpass Push-Pull High Power Amplifier Based on SIW Filtering Balun Power Divider. *Ieee Transactions on Plasma Science*, 2019. 47(9): p. 4281-4286. 物理学

2214、Xu, L.H., et al., Synthesis of ZnO-decorated SnO₂ nanopowder with enhanced photocatalytic performance. *Optik*, 2019. 194: p. 7. 物理学

2215、Yang, Y., et al., Panda type elliptical core few-mode fiber. *Apl Photonics*, 2019. 4(2): p. 7. 物理学

2216、Lu, X., G.G. Zheng, and P. Zhou, High performance refractive index sensor with stacked two-layer resonant waveguide gratings. *Results in Physics*, 2019. 12: p. 759-765. 物理学

2217、Shafiq, A., et al., Analytical investigation of stagnation point flow of Williamson liquid with melting phenomenon. *Physica Scripta*, 2019. 94(3): p. 13. 物理学

2218、An, T.T., et al., The radius and temperature distribution along radial direction of lightning plasma channel. *Physics of Plasmas*, 2019. 26(1): p. 10. 物理学

2219、Cui, Q.N., et al., Temporally Resolving Synchronous Degenerate and Nondegenerate Two-Photon Absorption in 2D Semiconducting Monolayers. *Laser & Photonics Reviews*, 2019. 13(2): p. 10. 物理学

2220、Yin, J.X., et al., Quantum Phase Transition of Correlated Iron-Based Superconductivity in LiFe_{1-x}CoxAs. *Physical Review Letters*, 2019. 123(21): p. 7. 物理学

2221、Zhao, L.L., et al., Measurement of refractive index and temperature using balloon shaped Mach-Zehnder interferometer. *Optik*, 2019. 188: p. 115-119. 物理学

2222、Chen, Y., et al., Assessing Water Resources Vulnerability by Using a Rough Set Cloud Model: A Case Study of the Huai River Basin, China. *Entropy*, 2019. 21(1): p. 26. 物理学

2223、Li, M., et al., Surfacing amorphous Ni-B nanoflakes on NiCo₂O₄ nanospheres as multifunctional bridges for promoting lithium storage behaviors. *Nanoscale*, 2019. 11(46): p. 22550-22558. 物理学

2224、Duan, W.Y., et al., Accurate magneto-optical determination of radius of topological nodal-ring semimetals. *Physical Review B*, 2019. 99(4): p. 6. 物理学

2225、Wang, Z.T., P. Zhou, and G.G. Zheng, Electrically switchable highly efficient epsilon-near-zero metasurfaces absorber with broadband response. *Results in Physics*, 2019. 14: p. 7. 物理学

- 2226、Shen, Z.X., et al., Customized design and efficient fabrication of two freeform aluminum mirrors by single point diamond turning technique. *Applied Optics*, 2019. 58(9): p. 2269-2276. 物理学
- 2227、Gu, Z.Y., et al., Constructing hyperchaotic attractors of conditional symmetry. *European Physical Journal B*, 2019. 92(10): p. 9. 物理学
- 2228、Liu, B., et al., Adaptive dynamic wavelength and bandwidth allocation algorithm based on error-back-propagation neural network prediction. *Optics Communications*, 2019. 437: p. 276-284. 物理学
- 2229、Zhang, H.L., et al., A simple and effective method for monitoring floating green macroalgae blooms: a case study in the Yellow Sea. *Optics Express*, 2019. 27(4): p. 4528-4548. 物理学
- 2230、Wang, C., et al., QAM classification methods by SVM machine learning for improved optical interconnection. *Optics Communications*, 2019. 444: p. 1-8. 物理学
- 2231、Zhang, Z.C., Linear canonical transform's differentiation properties and their application in solving generalized differential equations. *Optik*, 2019. 188: p. 287-293. 物理学
- 2232、Wang, W., et al., Large mode area microstructured fiber supporting 56 super-OAM modes. *Optics Express*, 2019. 27(20): p. 27991-28008. 物理学
- 2233、Liu, S.P., B. Liu, and W.X. Yang, Highly sensitive mass detection based on nonlinear sum-sideband in a dispersive optomechanical system. *Optics Express*, 2019. 27(4): p. 3909-3919. 物理学
- 2234、Liu, G.R., et al., A visible channel core and the channel structure below the connection point for natural cloud-to-ground lightning. *Applied Physics Letters*, 2019. 115(6): p. 4. 物理学
- 2235、Song, Z.Z., et al., Propagation properties of radially polarized multi-Gaussian Schell-model beams in oceanic turbulence. *Journal of the Optical Society of America a-Optics Image Science and Vision*, 2019. 36(10): p. 1719-1726. 物理学
- 2236、Liu, Z., et al., Dielectric-loaded black phosphorus surface plasmon polariton waveguides. *Optics Express*, 2019. 27(13): p. 18005-18015. 物理学
- 2237、Zhang, Z., et al., Design of high resistivity light-rare-earth-based PrFe_{1.93} magnetostrictive alloys: Si doping and high-pressure annealing. *Journal of Magnetism and Magnetic Materials*, 2019. 471: p. 64-69. 物理学
- 2238、Liu, Y.J., et al., Attractor and bifurcation of forced Lorenz-84 system. *International Journal of Geometric Methods in Modern Physics*, 2019. 16(1): p. 20. 物理学
- 2239、Hu, H., et al., Routing emission with a multi-channel nonreciprocal waveguide. *Photonics Research*, 2019. 7(6): p. 642-646. 物理学
- 2240、Shi, Y.N., et al., Multi-layer solar radiative transfer considering the vertical variation of inherent microphysical properties of clouds. *Optics Express*, 2019. 27(20): p. A1569-A1590. 物理学
- 2241、Xian, F.L., et al., Large bandgap tunability of GaN/ZnO pseudobinary alloys through combined engineering of anions and cations. *Applied Physics Letters*, 2019. 115(23): p. 5. 物理学
- 2242、Wang, H.B., Y.Y. Chen, and C. Huang, The electromagnetic waves propagation characteristics of inhomogeneous dusty plasma. *Optik*, 2019. 196: p. 8. 物理学
- 2243、Xu, L.H., et al., Surface segregation of Ag and its effect on the microstructure, optical properties and conduction type of ZnO thin films. *Physica B-Condensed Matter*, 2019. 566: p. 103-115. 物理学

- 2244、Deng, M.X., et al., Superconducting states and Majorana modes in transition-metal dichalcogenides under inhomogeneous strain. *Physical Review B*, 2019. 99(8): p. 8. 物理学
- 2245、Zhu, Y.Y., C. Liu, and M.A. Yurkin, Reproducing the morphology-dependent resonances of spheres with the discrete dipole approximation. *Optics Express*, 2019. 27(16): p. 22827-22845. 物理学
- 2246、Pei, S.X., et al., Propagation of a Bessel-Gaussian beam in a gradient-index medium. *Applied Optics*, 2019. 58(4): p. 920-926. 物理学
- 2247、Chen, L., et al., Design of a compact dual-view endoscope based on a hybrid lens with annularly stitched aspheres. *Optics Communications*, 2019. 453: p. 8. 物理学
- 2248、Cao, G.X. and L. Zhou, Asymmetric risk transmission effect of cross-listing stocks between mainland and Hong Kong stock markets based on MF-DCCA method. *Physica a-Statistical Mechanics and Its Applications*, 2019. 526: p. 12. 物理学
- 2249、Cao, N.W., et al., Accuracy calculation for lidar ratio and aerosol size distribution by dual-wavelength lidar. *Applied Physics a-Materials Science & Processing*, 2019. 125(9): p. 10. 物理学
- 2250、Xu, J., et al., Ultra-wideband linear polarization converter based on square split ring. *Acta Physica Sinica*, 2019. 68(11): p. 7. 物理学
- 2251、Jiang, H.D., G.G. Zheng, and W.F. Rao, Ultra-sensitive biosensor with hybrid coupling between molybdenum disulfide thin film and photonic waveguide mode. *Results in Physics*, 2019. 13: p. 6. 物理学
- 2252、Wang, Y.P., et al., Optimal observations-based retrieval of topography in 2D shallow water equations using PC-EnKF. *Journal of Computational Physics*, 2019. 382: p. 43-60. 物理学
- 2253、Wang, T.T., et al., Highly Sensitive Refractive Index Sensor Based on an In-Fiber Droplet-Shape Air-Cavity. *Ieee Photonics Technology Letters*, 2019. 31(16): p. 1347-1350. 物理学
- 2254、Jiang, L., et al., A Novel Multi-Level Constellation Compression Modulation for GFDM-PON. *Ieee Photonics Journal*, 2019. 11(2): p. 11. 物理学
- 2255、Pan, H.Z., et al., Tensile strain effects on C4N3H monolayer: Large Poisson's ratio and robust Dirac cone. *Applied Physics Letters*, 2019. 114(7): p. 5. 物理学
- 2256、Luo, S., D. Di, and L.L. Cui, Study on FY-4A/GIIRS infrared spectrum detection capability based on information content. *Journal of Infrared and Millimeter Waves*, 2019. 38(6): p. 765-776. 物理学
- 2257、Xie, A.G., et al., Research on secondary electron emission from monocrystalline semiconductors and insulators and surface barrier. *Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions with Materials and Atoms*, 2019. 451: p. 104-112. 物理学
- 2258、Deng, M.X., et al., Positive longitudinal spin magnetoconductivity in Z(2) topological Dirac semimetals. *Physical Review B*, 2019. 100(23): p. 7. 物理学
- 2259、Yang, C.H., et al., Orientation and strain dependence of optical absorption in black phosphorene. *Physica E-Low-Dimensional Systems & Nanostructures*, 2019. 112: p. 1-5. 物理学
- 2260、Liu, J., et al., Modeling complex networks with accelerating growth and aging effect. *Physics Letters A*, 2019. 383(13): p. 1396-1400. 物理学
- 2261、Liu, S.Y., et al., Matching Users' Preference under Target Revenue Constraints in Data Recommendation Systems. *Entropy*, 2019. 21(2): p. 26. 物理学

- 2262、Jiang, M., et al., Integrated optofluidic micro-pumps in micro-channels with uniform excitation of a polarization rotating beam. *Optics Letters*, 2019. 44(1): p. 53-56. 物理学
- 2263、Lai, M., et al., HIERARCHICAL HETEROSTRUCTURE OF RUTILE TiO₂ NANOFLOWER ARRAY ON ANATASE TiO₂ SHEET WITH ENHANCED PHOTOCATALYTIC PERFORMANCE. *Surface Review and Letters*, 2019. 26(8): p. 8. 物理学
- 2264、Ye, J.F., et al., Design of a compact off-axis two-mirror freeform infrared imager with a wide field of view. *Journal of Modern Optics*, 2019. 66(3): p. 304-311. 物理学
- 2265、Shen, J. and N.W. Cao, Accurate inversion of tropospheric aerosol extinction coefficient profile by Mie-Raman lidar. *Optik*, 2019. 184: p. 153-164. 物理学
- 2266、Wu, X.Y., et al., A probabilistic shaping method based on intrinsic bit-level labeling and asymmetric polygon modulation for optical interconnects. *Optics Communications*, 2019. 444: p. 68-73. 物理学
- 2267、Sun, D.Y., et al., Synoptic relationships to estimate phytoplankton communities specific to sizes and species from satellite observations in coastal waters. *Optics Express*, 2019. 27(16): p. A1156-A1172. 物理学
- 2268、Su, J., et al., Morphology, optical and photoelectric properties of CH₃NH₃PbBr₃ single crystal. *Physica B-Condensed Matter*, 2019. 571: p. 307-311. 物理学
- 2269、Yang, C.H., et al., Low frequency transverse electric surface plasmon polaritons in a dielectric-graphene-dielectric structure. *Applied Physics Express*, 2019. 12(8): p. 4. 物理学
- 2270、Shi, J.F., et al., Lateral dimension tuned ultra-low loss effective surface plasmonic waveguide. *Journal of Physics D-Applied Physics*, 2019. 52(10): p. 7. 物理学
- 2271、Wieser, R., Investigation of quantum and thermal fluctuations ferromagnetic spin chains with easy-plane anisotropy. *Journal of Physics-Condensed Matter*, 2019. 31(32): p. 9. 物理学
- 2272、Zhang, X.L., et al., Does optically effective complex refractive index of internal-mixed aerosols have a physically-based meaning? *Optics Express*, 2019. 27(16): p. A1216-A1224. 物理学
- 2273、Ma, T.H., et al., A time-series based aggregation scheme for topic detection in Weibo short texts. *Physica a-Statistical Mechanics and Its Applications*, 2019. 536: p. 12. 物理学
- 2274、Sun, D.Y., et al., Variability of particulate backscattering ratio and its relations to particle intrinsic features in the Bohai Sea, Yellow Sea, and East China Sea. *Optics Express*, 2019. 27(3): p. 3074-3090. 物理学
- 2275、Wang, X.Q., et al., Ultra-smooth TiO₂ thin film based optics humidity sensor with a fast response and recovery. *Applied Optics*, 2019. 58(36): p. 9740-9745. 物理学
- 2276、Tian, F., et al., Theoretical analysis of high-quality multicarrier generator based on double complementary re-circulating frequency shifter. *Optics Communications*, 2019. 445: p. 222-230. 物理学
- 2277、Chen, X., et al., The Analysis of Acoustic Propagation Characteristic Affected by Mesoscale Cold-Core Vortex Based on the UMPE Model. *Acoustics Australia*, 2019. 47(1): p. 33-49. 物理学
- 2278、Xie, A.G., et al., THEORETICAL RESEARCH OF SECONDARY ELECTRON EMISSION FROM NEGATIVE ELECTRON AFFINITY SEMICONDUCTORS. *Surface Review and Letters*, 2019. 26(4): p. 12. 物理学
- 2279、Xie, A.G., et al., Study of secondary electron emission from semiconductors induced by electrons from 20 eV to 800 eV and surface state of semiconductors. *Results in Physics*, 2019. 15: p. 8. 物理学

- 2280、Liu, W.J., et al., Quantum Privacy-Preserving Price E-Negotiation. *International Journal of Theoretical Physics*, 2019. 58(10): p. 3259-3270. 物理学
- 2281、Cao, Z.L. and C.J. Zhai, Propagation of Bessel beam in a strongly nonlocal nonlinear media. *Optik*, 2019. 178: p. 301-309. 物理学
- 2282、Liu, Y.Z., et al., Photoelectron imaging spectroscopy and photodynamics of m-xylene cations. *Laser Physics Letters*, 2019. 16(3): p. 6. 物理学
- 2283、Zhang, T., et al., Modeling and Performance Analysis on the Slice Hybrid Magnetic Bearing With Two Radial Air-Gaps. *Ieee Transactions on Applied Superconductivity*, 2019. 29(2): p. 5. 物理学
- 2284、Zhang, T., et al., Modeling and Performance Analysis on the Five Degrees of Freedom Slice Hybrid Magnetic Bearing. *Ieee Transactions on Applied Superconductivity*, 2019. 29(2): p. 5. 物理学
- 2285、Huyan, S., et al., Low-temperature microstructural studies on superconducting CaFe₂As₂. *Scientific Reports*, 2019. 9: p. 8. 物理学
- 2286、Zhou, P., et al., Dynamically tunable perfect absorption based on the phase transition of vanadium dioxide with aluminum hole arrays. *Solid State Communications*, 2019. 288: p. 48-52. 物理学
- 2287、Liang, X.S., A Study of the Cross-Scale Causation and Information Flow in a Stormy Model Mid-Latitude Atmosphere. *Entropy*, 2019. 21(2): p. 21. 物理学
- 2288、Li, B.S., et al., Transmission electron microscopy study of extended defects in high dose He-implanted GaN after annealing at 450 degrees C. *Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions with Materials and Atoms*, 2019. 454: p. 45-49. 物理学
- 2289、Zhou, K.L., et al., Statistical analysis of shock properties driven by coronal mass ejections based on observations of type II radio bursts. *Acta Physica Sinica*, 2019. 68(13): p. 12. 物理学
- 2290、Zha, J.D. and C.B. Li, SYNCHRONIZATION OF COMPLEX NETWORK BASED ON THE THEORY OF GRAVITATIONAL FIELD. *Acta Physica Polonica B*, 2019. 50(1): p. 87-114. 物理学
- 2291、Zhang, Y.H., et al., Locating fixed points in the phase plane. *Physical Review E*, 2019. 100(5): p. 8. 物理学
- 2292、Ma, T.H., et al., InfMatch: Finding isomorphism subgraph on a big target graph based on the importance of vertex. *Physica a-Statistical Mechanics and Its Applications*, 2019. 527: p. 15. 物理学
- 2293、Sun, L., et al., Enabling Equalization and Soft Decision by k-Means for VCSEL-Based PAM-4 Optical Interconnection. *Ieee Photonics Journal*, 2019. 11(4): p. 11. 物理学
- 2294、Pei, S.X., et al., Electromagnetic scattering of an Airy beam light sheet by a multilayered sphere. *Optik*, 2019. 180: p. 379-386. 物理学
- 2295、Zhou, P., et al., Dynamically Tunable Perfect Absorbers Utilizing Hexagonal Aluminum Nano-Disk Array Cooperated with Vanadium Dioxide. *Chinese Physics Letters*, 2019. 36(1): p. 5. 物理学
- 2296、Huang, C.Y., et al., Dispersion surface and electromagnetic responses of the magnetosonic/whistler mode in the high-beta collisionless plasmas. *Physics of Plasmas*, 2019. 26(2): p. 14. 物理学
- 2297、Cao, Z.L. and C.J. Zhai, Defocus-based three-dimensional particle location with extended depth of field via color coding. *Applied Optics*, 2019. 58(17): p. 4734-4739. 物理学
- 2298、Jiang, F.Y., et al., Calibration and measurement analysis of a cloud particle detection system

based on polarization detection. *Applied Optics*, 2019. 58(36): p. 9777-9785. 物理学

2299、Ren, J.X., et al., A Probabilistically Shaped CAP Modulation Method Employing Multiple Subsets Mapping With Symbol Classification for a Short Reach Communication. *Ieee Photonics Journal*, 2019. 11(2): p. 8. 物理学

2300、Liu, Z.Y., X. Cao, and J. Cai, A Magnetic Bearing Switched Reluctance Motor With Simultaneous Excitation by a Modified Half-Bridge Converter. *Ieee Transactions on Magnetics*, 2019. 55(10): p. 5. 物理学

2301、Xu, P., et al., 0.02-wavelengths-thick transmission-type designer wave plate with high efficiency. *Journal of Physics D-Applied Physics*, 2019. 52(37): p. 9. 物理学

2302、Li, M.Y., et al., Studying the effect of charged particle's flow velocity on the relative complex permittivity of dusty plasma. *Optik*, 2019. 179: p. 273-284. 物理学

2303、Wen, G.Y., Stored electromagnetic field energies in general materials. *Journal of the Optical Society of America B-Optical Physics*, 2019. 36(4): p. 917-925. 物理学

2304、Tang, Y.H., et al., Simulation and observation for volume emission rates emitted from O-2(0-1) and O(S-1) nightglow in northwest China. *Applied Optics*, 2019. 58(4): p. 1093-1100. 物理学

2305、Pan, Q.W., et al., Scattering of an Airy light sheet by a chiral sphere. *Applied Optics*, 2019. 58(26): p. 7151-7156. 物理学

2306、Guo, J., et al., Research on residual gas adsorption on surface of InGaAs photocathode. *Optik*, 2019. 179: p. 941-947. 物理学

2307、Feng, P.H., Z.W. Gong, and D.Y. Sun, Research on interpersonal relationship network of pyramid scheme organization based on social network: A case study. *International Journal of Modern Physics C*, 2019. 30(7): p. 15. 物理学

2308、Lu, C.G., L.Y. Shen, and X.Q. Zhu, Numerical study of effect of pressure gradient on boundary- layer receptivity under localized wall blowing/suction. *Acta Physica Sinica*, 2019. 68(22): p. 10. 物理学

2309、Cui, H.R., et al., Is temperature-index derivative suitable for China? *Physica a-Statistical Mechanics and Its Applications*, 2019. 536: p. 12. 物理学

2310、Ran, Y., et al., Facile synthesis and electrochemical properties of Sn-doped KMnO₄ in lithium-ion battery applications. *Ionics*, 2019. 25(3): p. 949-957. 物理学

2311、Wang, W., et al., Experimental study of supercontinuum generation in Yb³⁺-doped microstructure fiber pumped by femtosecond pulses. *Acta Physica Sinica*, 2019. 68(13): p. 9. 物理学

2312、Yu, R.J., Y.Y. Chen, and D.L. Zhao, Effect of dust particle on dusty plasma's dispersion characteristic. *Optik*, 2019. 176: p. 60-67. 物理学

2313、Ji, G.Y., et al., Design of a 670 GHz fourth-harmonic mixer based on Schottky diode. *Journal of Infrared and Millimeter Waves*, 2019. 38(6): p. 695-700. 物理学

2314、Yang, C.H., et al., Asymmetric tunneling properties in a 2D anisotropic massless linear energy system. *Applied Physics Express*, 2019. 12(12): p. 4. 物理学

2315、Zhao, J. and S.R. Xiao, A measurement method of flue mixed gas concentration with multi-channel ultraviolet LED detector. *Optik*, 2019. 195: p. 8. 物理学

2316、Meng, X., C. Yun-yun, and C. Fen-ping, The complex refractive index of dusty plasma. *Optik*, 2019. 194: p. 10. 物理学

2317、Chen, Y., et al., Study on the factors affecting the electrical conductivity of dusty plasma.

- Indian Journal of Physics, 2019. 93(5): p. 673-682. 物理学
- 2318、Qu, Y.F., et al., Quantitative analysis of Mn and composition detection in mosquito-repellent incense ash with laser-induced breakdown spectroscopy. Laser Physics, 2019. 29(8): p. 8. 物理学
- 2319、Zhai, C.J. and Z.L. Cao, Elastic light scattering of a single sphere in a Gaussian light sheet. Optik, 2019. 194: p. 7. 物理学
- 2320、Huang, X.G., et al., Effect of charged particles' flow velocity on THz absorption characteristic of dusty. Optik, 2019. 181: p. 666-672. 物理学
- 2321、Duan, C.S., et al., Discussion of species composition for flow field's temperature reconstruction by optical tomography. Optik, 2019. 185: p. 1277-1283. 物理学
- 2322、Li, X., et al., Continuous-time quantum walks on strongly regular graphs with loops and its application to spatial search for multiple marked vertices. Quantum Information Processing, 2019. 18(6): p. 20. 物理学
- 2323、Wang, J.F., et al., Bright four-color quadripartite entanglement from quasi-phase-matching cascaded nonlinear optical frequency conversion. Laser Physics Letters, 2019. 16(7): p. 5. 物理学
- 2324、Wang, F., et al., Assessment of Adaptive Polling Contention Resolution for Optical Switching in Edge Data Center Networking. IEEE Photonics Journal, 2019. 11(5): p. 16. 物理学
- 2325、Chen, Y.B., et al., Application of Chebyshev approximating function in a direct detection wind Doppler Lidar data processing. Optik, 2019. 179: p. 1049-1056. 物理学
- 2326、Agathokleous, E., M. Kitao, and E.J. Calabrese, Hormesis: A Compelling Platform for Sophisticated Plant Science. Trends in Plant Science, 2019. 24(4): p. 318-327. 植物学与动物学
- 2327、Fan, L., et al., Satellite-observed pantropical carbon dynamics. Nature Plants, 2019. 5(9): p. 944-951. 植物学与动物学
- 2328、Feng, Z.Z., et al., Isoprene is more affected by climate drivers than monoterpenes: A meta-analytic review on plant isoprenoid emissions. Plant Cell and Environment, 2019. 42(6): p. 1939-1949. 植物学与动物学
- 2329、Wang, Y.H., et al., Spatial Distribution and Physical Controls of the Spring Algal Blooming Off the Changjiang River Estuary. Estuaries and Coasts, 2019. 42(4): p. 1066-1083. 植物学与动物学
- 2330、Shang, B., et al., Effects of elevated ozone and water deficit on poplar saplings: Changes in carbon and nitrogen stocks and their allocation to different organs. Forest Ecology and Management, 2019. 441: p. 89-98. 植物学与动物学
- 2331、Wang, C.Y., et al., Nutrient absorption by *Ulva prolifera* and the growth mechanism leading to green-tides. Estuarine Coastal and Shelf Science, 2019. 227: p. 10. 植物学与动物学
- 2332、Wan, R.R., et al., Mapping Aboveground Biomass of Four Typical Vegetation Types in the Poyang Lake Wetlands Based on Random Forest Modelling and Landsat Images. Frontiers in Plant Science, 2019. 10: p. 14. 植物学与动物学
- 2333、Zeng, Y., et al., Effect of groundwater depth on riparian plant diversity along riverside-desert gradients in the Tarim River. Journal of Plant Ecology, 2019. 12(3): p. 564-573. 植物学与动物学
- 2334、Harayama, H., et al., Effects of major vein blockage and aquaporin inhibition on leaf hydraulics and stomatal conductance. Proceedings of the Royal Society B-Biological Sciences, 2019. 286(1904): p. 8. 植物学与动物学

- 2335、Wu, Y., et al., Predicting cadmium toxicity with the kinetics of phytochelatin induction in a marine diatom. *Aquatic Toxicology*, 2019. 207: p. 101-109. 植物学与动物学
- 2336、Zhang, R.B., et al., The Radial Growth of Schrenk Spruce (*Picea schrenkiana* Fisch. et Mey.) Records the Hydroclimatic Changes in the Chu River Basin over the Past 175 Years. *Forests*, 2019. 10(3): p. 11. 植物学与动物学
- 2337、Han, W., L.D. Huang, and O.J. Owojori, Foliar application of zinc alleviates the heat stress of pakchoi (*Brassica chinensis* L.). *Journal of Plant Nutrition*, 2020. 43(2): p. 194-213. 植物学与动物学
- 2338、Qiu, R.J., et al., An investigation on possible effect of leaching fractions physiological responses of hot pepper plants to irrigation water salinity. *Bmc Plant Biology*, 2019. 19: p. 10. 植物学与动物学
- 2339、Qiu, R.J. and G.G. Katul, Maximizing leaf carbon gain in varying saline conditions: An optimization model with dynamic mesophyll conductance. *Plant Journal*, 2020. 101(3): p. 543-554. 植物学与动物学
- 2340、Zhang, Q. and Z.Q. Yang, Impact of Extreme Heat on Corn Yield in Main Summer Corn Cultivating Area of China at Present and Under Future Climate Change. *International Journal of Plant Production*, 2019. 13(4): p. 267-274. 植物学与动物学
- 2341、Zhang, X.H., et al., Estimation of Corn Canopy Chlorophyll Content Using Derivative Spectra in the O-2-A Absorption Band. *Frontiers in Plant Science*, 2019. 10: p. 13. 植物学与动物学
- 2342、Agathokleous, E., et al., Effects of soil nutrient availability and ozone on container-grown Japanese larch seedlings and role of soil microbes. *Journal of Forestry Research*, 2020. 31(6): p. 2295-2311. 植物学与动物学
- 2343、Wang, L.M., et al., Impact of Large-Scale Afforestation on Surface Temperature: A Case Study in the Kubuqi Desert, Inner Mongolia Based on the WRF Model. *Forests*, 2019. 10(5): p. 21. 植物学与动物学
- 2344、Zang, K.P., et al., Bubble-mediated methane release from polluted Dalian Bay in China in summer, 2016. *Continental Shelf Research*, 2019. 185: p. 51-56. 植物学与动物学
- 2345、Li, Y.Z., et al., Will Human-Induced Vegetation Regreening Continually Decrease Runoff in the Loess Plateau of China? *Forests*, 2019. 10(10): p. 20. 植物学与动物学
- 2346、Wang, D., et al., Warming Treatment Methodology Affected the Response of Plant Ecophysiological Traits to Temperature Increases: A Quantitative Meta-Analysis. *Frontiers in Plant Science*, 2019. 10: p. 12. 植物学与动物学
- 2347、Yang, Z.Q., et al., Enhancing the thermotolerance of tomato seedlings by heat shock treatment. *Photosynthetica*, 2019. 57(4): p. 1184-1192. 植物学与动物学
- 2348、Huang, J., et al., Regional Climate-Yield Relationship for Winter Oilseed Rape in Jiangsu Province, Southeast China. *International Journal of Plant Production*, 2019. 13(2): p. 93-102. 植物学与动物学
- 2349、Zhang, Y., et al., Mapping Maximum Tree Height of the Great Khingan Mountain, Inner Mongolia Using the Allometric Scaling and Resource Limitations Model. *Forests*, 2019. 10(5): p. 13. 植物学与动物学
- 2350、Song, Y.Z., et al., Distribution of epipelagic algae and related environmental nutrients in Taihu Lake, revealed by HPLC analysis. *Marine and Freshwater Research*, 2019. 70(6): p. 849-856. 植物学与动物学
- 2351、Xu, Y.J., et al., Effects of environmental change and exploitation on marine communities

- around the Zhoushan archipelago: A functional group perspective. *Estuarine Coastal and Shelf Science*, 2019. 217: p. 185-195. 植物学与动物学
- 2352、Li, L., et al., Internal service quality affects salespersons' performance and turnover intention: Mediating role of job involvement. *Social Behavior and Personality*, 2019. 47(8): p. 11. 精神病学与心理学
- 2353、Xu, J., et al., Facilitating Newcomers' Work Engagement: The Role of Organizational Socialization and Psychological Capital. *International Journal of Mental Health Promotion*, 2019. 21(2): p. 69-80. 精神病学与心理学
- 2354、Zhu, B.Z., et al., Exploring the effect of industrial structure adjustment on interprovincial green development efficiency in China: A novel integrated approach. *Energy Policy*, 2019. 134: p. 12. 社会科学总论
- 2355、Elahi, E., et al., Agricultural intensification and damages to human health in relation to agrochemicals: Application of artificial intelligence. *Land Use Policy*, 2019. 83: p. 461-474. 社会科学总论
- 2356、Miao, Z., et al., Atmospheric environmental productivity across the provinces of China: Joint decomposition of range adjusted measure and Luenberger productivity indicator. *Energy Policy*, 2019. 132: p. 665-677. 社会科学总论
- 2357、Hou, Z.P., et al., Opinion mining from online travel reviews: A comparative analysis of Chinese major OTAs using semantic association analysis. *Tourism Management*, 2019. 74: p. 276-289. 社会科学总论
- 2358、Shu, H. and P.P. Xiong, Reallocation planning of urban industrial land for structure optimization and emission reduction: A practical analysis of urban agglomeration in China's Yangtze River Delta. *Land Use Policy*, 2019. 81: p. 604-623. 社会科学总论
- 2359、Khan, H.U.R., et al., The impact of financial development indicators on natural resource markets: Evidence from two-step GMM estimator. *Resources Policy*, 2019. 62: p. 240-255. 社会科学总论
- 2360、Ullah, I., et al., Nexus between trade, CO2 emissions, renewable energy, and health expenditure in Pakistan. *International Journal of Health Planning and Management*, 2020. 35(4): p. 818-831. 社会科学总论
- 2361、Liang, H.W., et al., Alternative-fuel based vehicles for sustainable transportation: A fuzzy group decision supporting framework for sustainability prioritization. *Technological Forecasting and Social Change*, 2019. 140: p. 33-43. 社会科学总论
- 2362、Lian, T.H. and C.H. Yu, Impacts of online images of a tourist destination on tourist travel decision. *Tourism Geographies*, 2019. 21(4): p. 635-664. 社会科学总论
- 2363、Sheng, J.C., H. Qiu, and S.F. Zhang, Opportunity cost, income structure, and energy structure for landholders participating in payments for ecosystem services: Evidence from Wolong National Nature Reserve, China. *World Development*, 2019. 117: p. 230-238. 社会科学总论
- 2364、Tran, T.K.V., et al., Historical perspective of climate change in sustainable livelihoods of coastal areas of the Red River Delta, Nam Dinh, Vietnam. *International Journal of Climate Change Strategies and Management*, 2019. 11(5): p. 687-695. 社会科学总论
- 2365、Khan, H.U.R., et al., Tourism logistics management through financial and regulatory measures: evidence from a panel of countries. *Asia Pacific Journal of Tourism Research*, 2019. 24(5): p. 443-458. 社会科学总论

- 2366、Mao, Y.C., et al., DEPRESSION, SOCIAL SUPPORT, AND ADHERENCE TO ANTIRETROVIRAL THERAPY AMONG PEOPLE LIVING WITH HIV IN GUANGXI, CHINA: A LONGITUDINAL STUDY. *Aids Education and Prevention*, 2019. 31(1): p. 38-50. 社会科学总论
- 2367、Sheng, J.C. and M. Webber, Governance rescaling and neoliberalization of China's water governance: The case of China's South-North Water Transfer Project. *Environment and Planning a-Economy and Space*, 2019. 51(8): p. 1644-1664. 社会科学总论
- 2368、Yu, S.H., Benchmarking and Performance Evaluation Towards the Sustainable Development of Regions in Taiwan: A Minimum Distance-Based Measure with Undesirable Outputs in Additive DEA. *Social Indicators Research*, 2019. 144(3): p. 1323-1348. 社会科学总论
- 2369、Khan, H.U.R., et al., Financial management of natural resource market: Long-run and inter-temporal (forecast) relationship. *Resources Policy*, 2019. 63: p. 12. 社会科学总论
- 2370、Hu, Z.W., A. Lin, and P. Willett, Identification of research communities in cited and uncited publications using a co-authorship network. *Scientometrics*, 2019. 118(1): p. 1-19. 社会科学总论
- 2371、Zhang, M.Y., Y.L. Chen, and X.H. Wu, Resident preferences for augmented rainstorm disasters management strategies: the case of Nanjing in China. *Environmental Hazards-Human and Policy Dimensions*, 2019. 18(1): p. 78-92. 社会科学总论
- 2372、Sheng, J.C., Neoliberal environmentalism and incentive-coordinated REDD plus contracts. *Land Use Policy*, 2019. 81: p. 400-407. 社会科学总论
- 2373、Lu, H.G. and X.Q. Wei, Structuring Polysemy in English Learners' Dictionaries: A Prototype Theory-Based Model. *International Journal of Lexicography*, 2019. 32(1): p. 20-37. 社会科学总论
- 2374、Zhao, Q., et al., Substance use and perceived barriers to antiretroviral therapy adherence among people living with HIV in Guangxi, China. *Addiction Research & Theory*, 2019. 27(4): p. 314-321. 社会科学总论
- 2375、Zhao, Q., et al., Sexual risk behaviours and correlates of condom use with casual sex partners among drug users in Jiangsu, China. *Drugs-Education Prevention and Policy*, 2019. 26(5): p. 422-428. 社会科学总论
- 2376、Sheng, J.C., Q. Hong, and X. Han, Neoliberal conservation in REDD plus : The roles of market power and incentive designs. *Land Use Policy*, 2019. 89: p. 16. 社会科学总论
- 2377、Akhoondzadeh, M., et al., Anomalous seismo-LAI variations potentially associated with the 2017 M-w=7.3 Sarpol-e Zahab (Iran) earthquake from Swarm satellites, GPS-TEC and climatological data. *Advances in Space Research*, 2019. 64(1): p. 143-158. 空间学科
- 2378、Okoh, D., et al., A Neural Network-Based Ionospheric Model Over Africa From Constellation Observing System for Meteorology, Ionosphere, and Climate and Ground Global Positioning System Observations. *Journal of Geophysical Research-Space Physics*, 2019. 124(12): p. 10512-10532. 空间学科
- 2379、Fu, S., et al., Effect of Star Rotation Rate on the Characteristics of Energetic Particle Events. *Astrophysical Journal Letters*, 2019. 878(2): p. 7. 空间学科
- 2380、Li, J.Y., et al., A Modeling Study of the Responses of Mesosphere and Lower Thermosphere Winds to Geomagnetic Storms at Middle Latitudes. *Journal of Geophysical Research-Space Physics*, 2019. 124(5): p. 3666-3680. 空间学科
- 2381、Li, Z., D. Knipp, and W.B. Wang, Understanding the Behaviors of Thermospheric Nitric Oxide

Cooling During the 15 May 2005 Geomagnetic Storm. *Journal of Geophysical Research-Space Physics*, 2019. 124(3): p. 2113-2126. 空间学科

2382、Zhu, Y.C., et al., Analysis of the brightness temperature features of the lunar surface using 37 GHz channel data from the Chang'E-2 microwave radiometer. *Advances in Space Research*, 2019. 63(1): p. 750-765. 空间学科

2383、Zhang, H., et al., Statistics on the Magnetosheath Properties Related to Magnetopause Magnetic Reconnection. *Astrophysical Journal*, 2019. 880(2): p. 37. 空间学科

2384、Liu, Z.F., et al., Parallel-propagating Waves and Instabilities in Plasmas with Streaming Proton and Alpha Particles. *Astrophysical Journal*, 2019. 874(2): p. 18. 空间学科

2385、Ding, L.G., et al., Is the enhancement of type II radio bursts during CME interactions related to the associated solar energetic particle event? *Research in Astronomy and Astrophysics*, 2019. 19(1): p. 14. 空间学科

2386、Lu, J.Y., et al., Earth's Bow Shock: A New Three-Dimensional Asymmetric Model With Dipole Tilt Effects. *Journal of Geophysical Research-Space Physics*, 2019. 124(7): p. 5396-5407. 空间学科

2387、Li, Z., et al., An EOFs Study of Thermospheric Nitric Oxide Flux Based on TIEGCM simulations. *Journal of Geophysical Research-Space Physics*, 2019. 124(11): p. 9695-9708. 空间学科

2388、Wu, Y.W., et al., The UT Variation of the Polar Ionosphere Based on COSMIC Observations. *Journal of Geophysical Research-Space Physics*, 2019. 124(4): p. 3139-3148. 空间学科

2389、Liu, J.D., S.G. Jin, and Y.W. Li, Seasonal Variations and Global Wave Distributions in the Mars Thermosphere From MAVEN and Multisatellites Accelerometer-Derived Mass Densities. *Journal of Geophysical Research-Space Physics*, 2019. 124(11): p. 9315-9334. 空间学科

2390、Pan, B.W., et al., Evaluation and utilization of CloudSat and CALIPSO data to analyze the impact of dust aerosol on the microphysical properties of cirrus over the Tibetan Plateau. *Advances in Space Research*, 2019. 63(1): p. 2-15. 空间学科

2391、Liu, B.J., et al., The Magnetic Local Time Distribution of Storm Geomagnetic Field Disturbance Under Different Conditions of solar Wind and interplanetary Magnetic Field. *Journal of Geophysical Research-Space Physics*, 2019. 124(4): p. 2656-2667. 空间学科

2392、Lu, J.Y., et al., Generalized Additive Modelling Combined With Multiple Collinear for ICME Velocity Forecasting. *Space Weather-the International Journal of Research and Applications*, 2019. 17(4): p. 567-585. 空间学科

2393、Kalaivani, P.P., et al., A study on radio-loud interacting/non-interacting CMEs-associated SEPs and solar flares. *Advances in Space Research*, 2019. 63(10): p. 3390-3403. 空间学科