

- 1、Xiao, J.F., et al., Carbon fluxes, evapotranspiration, and water use efficiency of terrestrial ecosystems in China. *Agricultural and Forest Meteorology*, 2013. 182: p. 76-90. 农业科学
- 2、Li, P., et al., Development of biological soil quality indicator system for subtropical China. *Soil & Tillage Research*, 2013. 126: p. 112-118. 农业科学
- 3、Yang, X.Y., et al., Quantifying the interactive impacts of global dimming and warming on wheat yield and water use in China. *Agricultural and Forest Meteorology*, 2013. 182: p. 342-351. 农业科学
- 4、Fan, J., et al., Excessive sulfur supply reduces arsenic accumulation in brown rice. *Plant Soil and Environment*, 2013. 59(4): p. 169-174. 农业科学
- 5、Liu, C.W., et al., Canopy leaf area index for apple tree using hemispherical photography in arid region. *Scientia Horticulturae*, 2013. 164: p. 610-615. 农业科学
- 6、Ren, L.X., et al., Role of arbuscular mycorrhizal network in carbon and phosphorus transfer between plants. *Biology and Fertility of Soils*, 2013. 49(1): p. 3-11. 农业科学
- 7、Liu, Y., et al., Assessing the contributions of lateral roots to element uptake in rice using an auxin-related lateral root mutant. *Plant and Soil*, 2013. 372(1-2): p. 125-136. 农业科学
- 8、Kong, H.L., et al., Elution of Polycyclic Aromatic Hydrocarbons in Soil Columns Using Low-Molecular-Weight Organic Acids. *Soil Science Society of America Journal*, 2013. 77(1): p. 72-82. 农业科学
- 9、Huang, L.D., et al., Spatial distribution and risk assessment of phosphorus loss potential in urban-suburban soil of Lishui, China. *Catena*, 2013. 100: p. 42-49. 农业科学
- 10、Yang, Z.Q., et al., Effects of the red:far-red light ratio on photosynthetic characteristics of greenhouse cut Chrysanthemum - Short communication. *Horticultural Science*, 2013. 40(1): p. 40-43. 农业科学
- 11、Yang, Z.Q., et al., Wind Loads on Single-span Plastic Greenhouses and Solar Greenhouses. *Horttechnology*, 2013. 23(5): p. 622-628. 农业科学
- 12、Hu, Z.H., et al., Soil Respiration, Nitrification, and Denitrification in a Wheat Farmland Soil under Different Managements. *Communications in Soil Science and Plant Analysis*, 2013. 44(21): p. 3092-3102. 农业科学
- 13、Chai, R.S., et al., Mitigation potential of greenhouse gases under different scenarios of optimal synthetic nitrogen application rate for grain crops in China. *Nutrient Cycling in Agroecosystems*, 2013. 96(1): p. 15-28. 农业科学
- 14、Bao, Y.S., et al., Estimating Wheat Shoot Nitrogen Content at Vegetative Stage from In Situ Hyperspectral Measurements. *Crop Science*, 2013. 53(5): p. 2063-2071. 农业科学
- 15、Liu, C.Y., et al., Hexachlorobenzene accumulation in rice plants as affected by farm manure and urea applications in dissimilar soils. *Canadian Journal of Soil Science*, 2013. 93(5): p. 631-638. 农业科学
- 16、Feng, Z.L., et al., Modeling the synergy between HSV-2 and HIV and potential impact of HSV-2 therapy. *Mathematical Biosciences*, 2013. 245(2): p. 171-187. 生物学与生物化学
- 17、Maiti, S., et al., Preparation and characterization of nano-cellulose with new shape from different precursor. *Carbohydrate Polymers*, 2013. 98(1): p. 562-567. 化学
- 18、Wang, J., et al., Facile synthesis of novel Ag<sub>3</sub>PO<sub>4</sub> tetrapods and the {110} facets-dominated photocatalytic activity. *Crystengcomm*, 2013. 15(1): p. 39-42. 化学
- 19、Liu, D.G., et al., Adsorption Behavior of Heavy Metal Ions from Aqueous Solution by Soy Protein Hollow Microspheres. *Industrial & Engineering Chemistry Research*, 2013. 52(32): p.

11036-11044. 化学

20、Liu, D.G., et al., Chitin nanofibrils for rapid and efficient removal of metal ions from water system. *Carbohydrate Polymers*, 2013. 98(1): p. 483-489. 化学

21、Ding, Y., et al., Photo-Cross-Linking Approach to Engineering Small Tyrosine-Containing Peptide Hydrogels with Enhanced Mechanical Stability. *Langmuir*, 2013. 29(43): p. 13299-13306. 化学

22、Li, W.J., et al., Exploration of the active species in the photocatalytic degradation of methyl orange under UV light irradiation. *Journal of Molecular Catalysis a-Chemical*, 2013. 380: p. 10-17. 化学

23、Mubeen, S., et al., Hybrid tin oxide-SWNT nanostructures based gas sensor. *Electrochimica Acta*, 2013. 92: p. 484-490. 化学

24、Li, Y., et al., An enzyme-assisted nanoparticle crosslinking approach to enhance the mechanical strength of peptide-based supramolecular hydrogels. *Chemical Communications*, 2013. 49(77): p. 8653-8655. 化学

25、Wang, J., et al., An Energy Efficient Stable Election-Based Routing Algorithm for Wireless Sensor Networks. *Sensors*, 2013. 13(11): p. 14301-14320. 化学

26、Xu, J. and Y.F. Zhu, Elimination of Bisphenol A from Water via Graphene Oxide Adsorption. *Acta Physico-Chimica Sinica*, 2013. 29(4): p. 829-836. 化学

27、Wang, J.J., et al., Theoretical study of water adsorption and dissociation on Ta<sub>3</sub>N<sub>5</sub>(100) surfaces. *Physical Chemistry Chemical Physics*, 2013. 15(38): p. 16054-16064. 化学

28、Lu, J.G., et al., CO<sub>2</sub> capture by membrane absorption coupling process: Experiments and coupling process evaluation. *Journal of Membrane Science*, 2013. 431: p. 9-18. 化学

29、Liu, D.G., et al., Facile Preparation of Soy Protein/Poly(vinyl alcohol) Blend Fibers with High Mechanical Performance by Wet-Spinning. *Industrial & Engineering Chemistry Research*, 2013. 52(18): p. 6177-6181. 化学

30、Qian, H.Y., Q.G. Kong, and B.L. Zhang, The effects of grinding media shapes on the grinding kinetics of cement clinker in ball mill. *Powder Technology*, 2013. 235: p. 422-425. 化学

31、Li, Y.L., et al., Continuous Wavelet Transform to Improve Resolution of Overlapped Peaks Based on Curve Fitting. *Spectroscopy Letters*, 2013. 46(7): p. 507-515. 化学

32、Zhou, Y.H., et al., Photoluminescent and ferroelectric properties of a chiral rhenium(II) complex based on the chiral (-)-4,5-pinene-2,2'-bipyridine ligand. *Inorganic Chemistry Communications*, 2013. 29: p. 18-21. 化学

33、Li, Y., P. Schaffer, and D.M. Perrin, Dual isotope labeling: Conjugation of P-32-oligonucleotides with F-18-aryltrifluoroborate via copper(I) catalyzed cycloaddition. *Bioorganic & Medicinal Chemistry Letters*, 2013. 23(23): p. 6313-6316. 化学

34、Mao, L.J., et al., Concentration and pollution assessment of hazardous metal elements in sediments of the Xiangjiang River, China. *Journal of Radioanalytical and Nuclear Chemistry*, 2013. 295(1): p. 513-521. 化学

35、Zhong, K., Photoluminescence from Zinc Oxide Quantum Dots Embedded in Silicon Dioxide Matrices. *Spectroscopy Letters*, 2013. 46(3): p. 160-164. 化学

36、Zhao, J., et al., Inversion of Leaf Area Index during Different Growth Stages in Winter Wheat. *Spectroscopy and Spectral Analysis*, 2013. 33(9): p. 2546-2552. 化学

37、Teng, F., et al., High chemiluminescence performance of a macroscale Co<sub>3</sub>O<sub>4</sub> assemblies-based sensor as a fast selection mode for catalysts. *Rsc Advances*, 2013. 3(3): p.

743-751. 化学

38、Shen, L.J. and Z.F. Zhang, Heterogeneous Reactions of NO<sub>2</sub> on the Surface of Black Carbon. *Progress in Chemistry*, 2013. 25(1): p. 28-35. 化学

39、Zhou, Y.H., et al., Syntheses and photoluminescence properties of rhenium(III) complexes based on dipyrrodo 3,2-a:2',3'-c phenazine derivatives with carbazole moiety. *Journal of Coordination Chemistry*, 2013. 66(6): p. 958-965. 化学

40、Xu, J. and M.D. Chen, Preparation, crystal structure and luminescence of lanthanide coordination polymers with 2,2'-dimethyl-4,4'-bipyridine-N,N'-dioxide. *Journal of Coordination Chemistry*, 2013. 66(3): p. 509-519. 化学

41、Song, H., et al., The improved photoelectrocatalytic degradation of rhodamine B driven by the half-rectified square wave. *Electrochimica Acta*, 2013. 102: p. 375-380. 化学

42、Men, K.P. and L. Cui, The Ordered Network Structure of M >= 6 Strong Earthquakes and Its Prediction in the Jianguo-South Yellow Sea Region. *Zeitschrift Fur Naturforschung Section a-a Journal of Physical Sciences*, 2013. 68(5): p. 371-379. 化学

43、Men, K.P., K. Zhao, and S.D. Zhu, The Ordered Network Structure and its Prediction for the Big Floods of the Changjiang River Basins. *Zeitschrift Fur Naturforschung Section a-a Journal of Physical Sciences*, 2013. 68(12): p. 766-772. 化学

44、Li, Y., F-18-Labeling techniques for positron emission tomography. *Science China-Chemistry*, 2013. 56(12): p. 1682-1692. 化学

45、Wu, L.Z., et al., Deciphering structural and functional roles of disulfide bonds in decorsin. *Science China-Chemistry*, 2013. 56(10): p. 1485-1492. 化学

46、Guan, Y.D., et al., Heavy Metal Contamination in a Soil-Rice Ecosystem in the Vicinity of Abandoned Rural Unsanitary Landfill. *Asian Journal of Chemistry*, 2013. 25(8): p. 4199-4202. 化学

47、Cao, H., Q. Zhang, and C.Z. Zhang, Substituent Effect on Hole Mobility of Conjugated Polymers in Photovoltaic Cells. *Asian Journal of Chemistry*, 2013. 25(4): p. 2177-2181. 化学

48、Li, X.C., et al., New Vegetation Index Fusing Visible-Infrared and Shortwave Infrared Spectral Feature for Winter Wheat LAI Retrieval. *Spectroscopy and Spectral Analysis*, 2013. 33(9): p. 2398-2402. 化学

49、Zheng, G.G., et al., Gold Nanoparticle Embedded Titanium Dioxide Thin Film for Surface Plasmon Resonance Gas Sensing at Room Temperature. *Sensor Letters*, 2013. 11(11): p. 2038-2042. 化学

50、Liu, Q. and H.G. Wu, Carboxylic-supported copper complexes as catalyst for the green oxidative coupling of 2,6-dimethylphenol: Synthesis, characterization and structure. *Comptes Rendus Chimie*, 2013. 16(5): p. 451-461. 化学

51、Xu, J. and M.D. Chen, Syntheses, structures and properties of two Cu complexes with 4-(1H-imidazol-4-ylmethyl)aminophthalic acid. *Supramolecular Chemistry*, 2013. 25(4): p. 204-211. 化学

52、Xu, J. and M.D. Chen, Syntheses and Crystal Structures of Complexes Based on 4-(1H-imidazol-4-yl)methylamino benzoic Acid Ligand. *Chinese Journal of Inorganic Chemistry*, 2013. 29(12): p. 2666-2672. 化学

53、Pei, S.X., et al., Study of gas detection based on integrated cavity output spectroscopy. *Optics and Spectroscopy*, 2013. 115(2): p. 298-305. 化学

54、Liu, Z.H., et al., Strain in GaN Epi-Layer Grown by Hydride Vapor Phase Epitaxy. *Spectroscopy*

- and Spectral Analysis, 2013. 33(8): p. 2105-2108. 化学
- 55、Cao, H., C.Z. Zhang, and M.X. Song, Probing Charge Transfer in Organic Photovoltaic Cells by Directly Exciting Single Electron. Asian Journal of Chemistry, 2013. 25(14): p. 8205-8209. 化学
- 56、Wang, J.Q., Y.F. Zheng, and G.X. Wang, Is *Salvinia natans* (L.) a Water Quality Improver? Asian Journal of Chemistry, 2013. 25(11): p. 6159-6163. 化学
- 57、Wang, J., et al., Data Privacy Protection Solution for Ubiquitous Sensor Networks. Sensor Letters, 2013. 11(2): p. 384-387. 化学
- 58、Liu, W.J., Blow-Up of Solutions for a System of Petrovsky Equations with an Indirect Linear Damping. Zeitschrift Fur Naturforschung Section a-a Journal of Physical Sciences, 2013. 68(5): p. 343-349. 化学
- 59、Zhou, Y.H., et al., Synthesis and Photoluminescence Properties of Europium(III) Complexes Based on 2, 2',6', 2''-Terpyridine Derivatives with Hole Transport Moieties. Chinese Journal of Inorganic Chemistry, 2013. 29(4): p. 701-708. 化学
- 60、Cao, H., et al., Quantum Chemistry Calculations on Binding Energies and Orbital Localization of Excitons in Organic Photovoltaic Semiconductors. Asian Journal of Chemistry, 2013. 25(14): p. 8190-8194. 化学
- 61、He, D.L. and B. Xiao, Crystal structure of diaqua-bis(3-oxo-3,4-dihydroquinoxaline-2-carboxylato-kappa N-2,O)-zinc(II)-methanol-water (1:1:1),  $Zn(C_9H_5N_2O_3)_2(H_2O)_2$  center dot  $CH_3OH$  center dot  $H_2O$ ,  $C_{19}H_{20}N_4O_{10}Zn$ . Zeitschrift Fur Kristallographie-New Crystal Structures, 2013. 228(3): p. 323-324. 化学
- 62、Zheng, G.G., et al., Beam-Scanning Planar Lens Based on Metal-Dielectric-Metal Waveguide Arrays. Plasmonics, 2013. 8(2): p. 481-486. 化学
- 63、Zhan, T.M., et al., An improved variational level set method for MR image segmentation and bias field correction. Magnetic Resonance Imaging, 2013. 31(3): p. 439-447. 临床医学
- 64、Agner, S.C., J. Xu, and A. Madabhushi, Spectral embedding based active contour (SEAC) for lesion segmentation on breast dynamic contrast enhanced magnetic resonance imaging. Medical Physics, 2013. 40(3): p. 12. 临床医学
- 65、Han, J.G., et al., Enhanced Computer Vision with Microsoft Kinect Sensor: A Review. Ieee Transactions on Cybernetics, 2013. 43(5): p. 1318-1334. 计算机科学
- 66、Xu, Y.M. and Y. Shen, Reconstruction of the land surface temperature time series using harmonic analysis. Computers & Geosciences, 2013. 61: p. 126-132. 计算机科学
- 67、Liu, L., et al., Learning Discriminative Key Poses for Action Recognition. Ieee Transactions on Cybernetics, 2013. 43(6): p. 1860-1870. 计算机科学
- 68、Yang, J., et al., Effective Neural Network Ensemble Approach for Improving Generalization Performance. Ieee Transactions on Neural Networks and Learning Systems, 2013. 24(6): p. 878-887. 计算机科学
- 69、Gong, Z.W., J. Forrest, and Y.J. Yang, The optimal group consensus models for 2-tuple linguistic preference relations. Knowledge-Based Systems, 2013. 37: p. 427-437. 计算机科学
- 70、Chen, X.Y., et al., Reversible watermarking method based on asymmetric-histogram shifting of prediction errors. Journal of Systems and Software, 2013. 86(10): p. 2620-2626. 计算机科学
- 71、Xu, Y., X.Q. Zeng, and S.M. Zhong, A New Supervised Learning Algorithm for Spiking Neurons. Neural Computation, 2013. 25(6): p. 1472-1511. 计算机科学
- 72、Gu, B. and V.S. Sheng, Feasibility and Finite Convergence Analysis for Accurate On-Line nu-Support Vector Machine. Ieee Transactions on Neural Networks and Learning Systems, 2013.

- 24(8): p. 1304-1315. 计算机科学
- 73、Zhang, H., Q.M.J. Wu, and T.M. Nguyen, Incorporating Mean Template Into Finite Mixture Model for Image Segmentation. *Ieee Transactions on Neural Networks and Learning Systems*, 2013. 24(2): p. 328-335. 计算机科学
- 74、Wang, J., et al., A Mobile Sink Based Uneven Clustering Algorithm for Wireless Sensor Networks. *Journal of Internet Technology*, 2013. 14(6): p. 895-902. 计算机科学
- 75、Zhou, H., et al., Robust Rate-Compatible Punctured LDPC Convolutional Codes. *Ieee Transactions on Communications*, 2013. 61(11): p. 4428-4439. 计算机科学
- 76、Liu, J.F., et al., Heuristic-based tabu search algorithm for folding two-dimensional AB off-lattice model proteins. *Computational Biology and Chemistry*, 2013. 47: p. 142-148. 计算机科学
- 77、Kou, L.L., et al., Tropospheric effects on L-band geosynchronous circular SAR imaging. *Iet Radar Sonar and Navigation*, 2013. 7(6): p. 693-701. 计算机科学
- 78、Shen, J., et al., An Efficient Verifiably Encrypted Signature from Weil Pairing. *Journal of Internet Technology*, 2013. 14(6): p. 947-952. 计算机科学
- 79、Lin, W.M., et al., A QoS-aware service discovery method for elastic cloud computing in an unstructured peer-to-peer network. *Concurrency and Computation-Practice & Experience*, 2013. 25(13): p. 1843-1860. 计算机科学
- 80、Ma, T.H., et al., Replica creation strategy based on quantum evolutionary algorithm in data grid. *Knowledge-Based Systems*, 2013. 42: p. 85-96. 计算机科学
- 81、Liu, C.M., et al., Video event description in scene context. *Neurocomputing*, 2013. 119: p. 82-93. 计算机科学
- 82、Zhang, R., et al., A risk assessment modeling technique based on knowledge extraction and information diffusion with support specification. *International Journal of General Systems*, 2013. 42(8): p. 807-819. 计算机科学
- 83、Pham, V.B., et al., An Improved Full Rate Full Diversity QOSTBC with Linear Decoding in MIMO Systems. *Wireless Personal Communications*, 2013. 69(1): p. 121-131. 计算机科学
- 84、Liu, W.J. and Q.L. Zhang, SOME NEW ERROR INEQUALITIES FOR A TAYLOR-LIKE FORMULA. *Journal of Computational Analysis and Applications*, 2013. 15(6): p. 1158-1164. 计算机科学
- 85、Wang, J.W., et al., Hybrid additive watermarking and its decoders. *Telecommunication Systems*, 2013. 54(3): p. 305-313. 计算机科学
- 86、Zhang, H., Q.M.J. Wu, and T.M. Nguyen, VARIATIONAL BAYES AND LOCALIZED FEATURE SELECTION FOR STUDENT'S t-MIXTURE MODELS. *International Journal of Pattern Recognition and Artificial Intelligence*, 2013. 27(6): p. 18. 计算机科学
- 87、Sun, Y.J., et al., Near-Field Ultrasonic Phased Array Deflection Focusing Based CFRP Wing Box Structural Health Monitoring. *International Journal of Distributed Sensor Networks*, 2013: p. 6. 计算机科学
- 88、Zhang, Y. and M. Peng, Constructions for  $(2 \times n, \{2,2\}, 1)$ -2D optical orthogonal codes. *Optical Switching and Networking*, 2013. 10(4): p. 458-462. 计算机科学
- 89、Cao, J., et al., A loan default discrimination model using cost-sensitive support vector machine improved by PSO. *Information Technology & Management*, 2013. 14(3): p. 193-204. 经济学与商学
- 90、Li, X.L., et al., High-fidelity reversible data hiding scheme based on pixel-value-ordering and prediction-error expansion. *Signal Processing*, 2013. 93(1): p. 198-205. 工程学

- 91、Yan, R.M., L. Shao, and Y. Liu, Nonlocal Hierarchical Dictionary Learning Using Wavelets for Image Denoising. *Ieee Transactions on Image Processing*, 2013. 22(12): p. 4689-4698. 工程学
- 92、Mei, X., et al., Efficient Minimum Error Bounded Particle Resampling L1 Tracker With Occlusion Detection. *Ieee Transactions on Image Processing*, 2013. 22(7): p. 2661-2675. 工程学
- 93、Tan, F., et al., Preparation of molecularly imprinted polymer nanoparticles for selective removal of fluoroquinolone antibiotics in aqueous solution. *Journal of Hazardous Materials*, 2013. 244: p. 750-757. 工程学
- 94、Li, J., X.L. Li, and B. Yang, Reversible data hiding scheme for color image based on prediction-error expansion and cross-channel correlation. *Signal Processing*, 2013. 93(9): p. 2748-2758. 工程学
- 95、Huang, J., et al., Spatial and temporal variations in rainfall erosivity during 1960-2005 in the Yangtze River basin. *Stochastic Environmental Research and Risk Assessment*, 2013. 27(2): p. 337-351. 工程学
- 96、Wang, J., et al., Mobility based Energy Efficient and Multi-Sink Algorithms for Consumer Home Networks. *Ieee Transactions on Consumer Electronics*, 2013. 59(1): p. 77-84. 工程学
- 97、Huang, Y.Q., et al., Non-fragile switching tracking control for a flexible air-breathing hypersonic vehicle based on polytopic LPV model. *Chinese Journal of Aeronautics*, 2013. 26(4): p. 948-959. 工程学
- 98、Chen, S.Z., et al., Recognizing expressions from face and body gesture by temporal normalized motion and appearance features. *Image and Vision Computing*, 2013. 31(2): p. 175-185. 工程学
- 99、Li, P., D.C. Wang, and L. Wang, Separation of micro-Doppler signals based on time frequency filter and Viterbi algorithm. *Signal Image and Video Processing*, 2013. 7(3): p. 593-605. 工程学
- 100、Zheng, B.C. and G.H. Yang, Decentralized sliding mode quantized feedback control for a class of uncertain large-scale systems with dead-zone input. *Nonlinear Dynamics*, 2013. 71(3): p. 417-427. 工程学
- 101、Zhao, Y.B., et al., Application of Memristor-Based Controller for Loop Filter Design in Charge-Pump Phase-Locked Loops. *Circuits Systems and Signal Processing*, 2013. 32(3): p. 1013-1023. 工程学
- 102、Wang, Q.W., H.M. Zhang, and W. Zhang, Malmquist CO2 emission performance index based on a metafrontier approach. *Mathematical and Computer Modelling*, 2013. 58(5-6): p. 1068-1073. 工程学
- 103、Zhang, Y.N., Z.Z. Sun, and T.C. Wang, Convergence analysis of a linearized Crank-Nicolson scheme for the two-dimensional complex Ginzburg-Landau equation. *Numerical Methods for Partial Differential Equations*, 2013. 29(5): p. 1487-1503. 工程学
- 104、Liu, W.J., et al., Quantum Private Comparison: A Review. *Iete Technical Review*, 2013. 30(5): p. 439-445. 工程学
- 105、Zhang, H., Q.M.J. Wu, and T.M. Nguyen, A Robust Fuzzy Algorithm Based on Student's t-Distribution and Mean Template for Image Segmentation Application. *Ieee Signal Processing Letters*, 2013. 20(2): p. 117-120. 工程学
- 106、Liu, Q., et al., DEHEMS: Creating a Digital Environment for Large-Scale Energy Management at Homes. *Ieee Transactions on Consumer Electronics*, 2013. 59(1): p. 62-69. 工程学
- 107、Huang, Y.Q., et al., Polytopic LPV modeling and gain-scheduled switching control for a flexible air-breathing hypersonic vehicle. *Journal of Systems Engineering and Electronics*, 2013.

- 24(1): p. 118-127. 工程学
- 108、Zhang, Y.C., X. Xiong, and Q.D. Zhang, An Improved Self-Adaptive PSO Algorithm with Detection Function for Multimodal Function Optimization Problems. *Mathematical Problems in Engineering*, 2013. 2013: p. 8. 工程学
- 109、Zheng, B.C. and G.H. Yang, H-2 control of linear uncertain systems considering input quantization with encoder/decoder mismatch. *Isa Transactions*, 2013. 52(5): p. 577-582. 工程学
- 110、Yang, B., et al., An Efficient Forensic Method for Copy-move Forgery Detection Based on DWT-FWHT. *Radioengineering*, 2013. 22(4): p. 1098-1105. 工程学
- 111、Li, P., D.C. Wang, and J.L. Chen, Parameter estimation for micro-Doppler signals based on cubic phase function. *Signal Image and Video Processing*, 2013. 7(6): p. 1239-1249. 工程学
- 112、Zhang, Q.L., et al., Lightning-Radiated Horizontal Electric Field Over a Rough- and Ocean-Land Mixed Propagation Path. *Ieee Transactions on Electromagnetic Compatibility*, 2013. 55(4): p. 733-738. 工程学
- 113、Tao, Z.L. and G.H. Chen, REMARK ON A CONSTRAINED VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION. *Thermal Science*, 2013. 17(3): p. 951-952. 工程学
- 114、Chen, G., W.G. Zhang, and X.N. Zhang, Speed Tracking Control of a Vehicle Robot Driver System Using Multiple Sliding Surface Control Schemes. *International Journal of Advanced Robotic Systems*, 2013. 10: p. 9. 工程学
- 115、Califano, C., S.J. Li, and C.H. Moog, Controllability of driftless nonlinear time-delay systems. *Systems & Control Letters*, 2013. 62(3): p. 294-301. 工程学
- 116、Zeng, Q.F., et al., The application of lightning forecasting based on surface electrostatic field observations and radar data. *Journal of Electrostatics*, 2013. 71(1): p. 6-13. 工程学
- 117、Zhang, H., Q.M.J. Wu, and T.M. Nguyen, Image segmentation by a new weighted Student's t-mixture model. *Iet Image Processing*, 2013. 7(3): p. 240-251. 工程学
- 118、Xiao, J.Z., X.H. Zhu, and X.Y. Liu, An alternative characterization of probabilistic Menger spaces with H-type triangular norms. *Fuzzy Sets and Systems*, 2013. 227: p. 107-114. 工程学
- 119、Chen, X. and J. Li, Noise reduction for ultrasonic Lamb wave signals by empirical mode decomposition and wavelet transform. *Journal of Vibroengineering*, 2013. 15(3): p. 1157-1165. 工程学
- 120、Chen, G., W.G. Zhang, and X.N. Zhang, Fuzzy neural control for unmanned robot applied to automotive test. *Industrial Robot-the International Journal of Robotics Research and Application*, 2013. 40(5): p. 450-461. 工程学
- 121、Lan, R.S., et al., Whitening central projection descriptor for affine-invariant shape description. *Iet Image Processing*, 2013. 7(1): p. 81-91. 工程学
- 122、Ruan, Z.Q., X.M. Sun, and W. Liang, Securing sensor data storage and query based on k-out-of- n coding. *International Journal of Communication Systems*, 2013. 26(5): p. 549-566. 工程学
- 123、Huang, C.X., et al., Robust Load Frequency Controller Design Based on a New Strict Model. *Electric Power Components and Systems*, 2013. 41(11): p. 1075-1099. 工程学
- 124、Wen, G.Y., Optimization of the Ratio of Gain to Q. *Ieee Transactions on Antennas and Propagation*, 2013. 61(4): p. 1916-1922. 工程学
- 125、Yuan, X.T. and S.C. Yan, Forward Basis Selection for Pursuing Sparse Representations over a Dictionary. *Ieee Transactions on Pattern Analysis and Machine Intelligence*, 2013. 35(12): p.

3025-3036. 工程学

126、Wan, F., J.X. Ge, and D. Pommerenke, Absolute humidity, relative humidity: which is more important in representing severity of electrostatic discharge. *Electronics Letters*, 2013. 49(23): p. 1451-1452. 工程学

127、Nguyen, T.M., et al., A finite mixture model for detail-preserving image segmentation. *Signal Processing*, 2013. 93(11): p. 3171-3181. 工程学

128、Zhao, J., et al., Risk Assessment of Regional Water Resources and Forewarning Model at Different Time Scales. *Journal of Hydrologic Engineering*, 2013. 18(9): p. 1114-1121. 工程学

129、Li, C.S., et al., Ordinal regularized manifold feature extraction for image ranking. *Signal Processing*, 2013. 93(6): p. 1651-1661. 工程学

130、Zhou, W., et al., Multiobjective Vehicle Routing Problem with Route Balance Based on Genetic Algorithm. *Discrete Dynamics in Nature and Society*, 2013. 2013: p. 9. 工程学

131、Hu, K., et al., An Adaptive Filtering Algorithm Based on Genetic Algorithm-Backpropagation Network. *Mathematical Problems in Engineering*, 2013. 2013: p. 8. 工程学

132、Zhou, L. and S.M. Fei, Adaptive dynamic surface control for air-breathing hypersonic vehicle. *Journal of Systems Engineering and Electronics*, 2013. 24(3): p. 463-479. 工程学

133、Huang, Y.Q., et al., Slow-fast loop gain-scheduled switching attitude tracking control for a near-space hypersonic vehicle. *Proceedings of the Institution of Mechanical Engineers Part I-Journal of Systems and Control Engineering*, 2013. 227(I1): p. 96-109. 工程学

134、Heng, L. and M.R. Li, Self-oscillation loop design and measurement for an MEMS resonant accelerometer. *International Journal of Adaptive Control and Signal Processing*, 2013. 27(10): p. 859-872. 工程学

135、Zhang, H., Q.M.J. Wu, and T.M. Nguyen, Modified student's t-hidden Markov model for pattern recognition and classification. *Int Signal Processing*, 2013. 7(3): p. 219-227. 工程学

136、Kong, X.K., et al., A broadband omnidirectional absorber based on a hetero-structure composed of a collision plasma and a ternary plasma Bragg mirror. *Journal of Electromagnetic Waves and Applications*, 2013. 27(8): p. 945-952. 工程学

137、Zhang, X.L., et al., Self-spectral calibration for spectral domain optical coherence tomography. *Optical Engineering*, 2013. 52(6): p. 7. 工程学

138、Wang, W., et al., Attitude and Altitude Controller Design for Quad-Rotor Type MAVs. *Mathematical Problems in Engineering*, 2013. 2013: p. 9. 工程学

139、Fan, Z.Y., et al., An Image Filter Based on Multiobjective Genetic Algorithm and Shearlet Transformation. *Mathematical Problems in Engineering*, 2013. 2013: p. 7. 工程学

140、Zheng, B.C. and Y.M. Xue, A Sliding Sector Approach to Quantized Feedback Variable Structure Control. *International Journal of Control Automation and Systems*, 2013. 11(6): p. 1177-1186. 工程学

141、Yu, J.H., et al., Post-treatment schemes of the outflow from hydrocyclone treating paved-road stormwater runoff. *Desalination and Water Treatment*, 2013. 51(19-21): p. 4028-4034. 工程学

142、Li, Z.H., et al., Estimation of Large Scalings in Images Based on Multilayer Pseudopolar Fractional Fourier Transform. *Mathematical Problems in Engineering*, 2013. 2013: p. 9. 工程学

143、Bian, Y.Q., et al., Automated Flare Prediction Using Extreme Learning Machine. *Mathematical Problems in Engineering*, 2013. 2013: p. 7. 工程学

144、Fu, J.Z., An efficient resource-searching method in manufacturing grid. *International Journal*



- of Advanced Manufacturing Technology, 2013. 66(1-4): p. 401-405. 工程学
- 145、Xia, Z.H., et al., Steganalysis of least significant bit matching based on image histogram and correlation. Journal of Electronic Imaging, 2013. 22(3): p. 9. 工程学
- 146、Ye, J.Y., et al., Rainfall Estimation Method Based on Multiple-Doppler Radar over the Huaihe River Basin. Journal of Hydrologic Engineering, 2013. 18(11): p. 1471-1476. 工程学
- 147、Chang, J.H., et al., Multiwavelength midinfrared difference frequency generation based on a uniform grating periodically poled lithium niobate. Optical Engineering, 2013. 52(9): p. 5. 工程学
- 148、Zhang, R., T. Li, and L. Guo, H-infinity Control for Flexible Spacecraft with Time-Varying Input Delay. Mathematical Problems in Engineering, 2013. 2013: p. 6. 工程学
- 149、Wang, W., H. Ma, and C.Y. Sun, CONTROL SYSTEM DESIGN FOR MULTI-ROTOR MAV. Journal of Theoretical and Applied Mechanics, 2013. 51(4): p. 1027-1038. 工程学
- 150、Chen, X. and F.F. Lu, Adaptive Rate Control Algorithm for H.264/AVC Considering Scene Change. Mathematical Problems in Engineering, 2013. 2013: p. 6. 工程学
- 151、Liu, Y.P., et al., Stability Analysis of Bipedal Robots Using the Concept of Lyapunov Exponents. Mathematical Problems in Engineering, 2013. 2013: p. 4. 工程学
- 152、Xue, Y.M., J.W. Yang, and X.M. Liu, Sliding Sector-Based Variable Structure Control of Continuous-Time Markov Jump Linear Systems Subject to Unknown Transition Rates. Mathematical Problems in Engineering, 2013. 2013: p. 9. 工程学
- 153、Han, F., B.L.W. Wong, and S. Gaukrodger, Pinch-and-pull with spatial-temporal energy trajectory: new display concept for in-flight energy management. Aircraft Engineering and Aerospace Technology, 2013. 85(2): p. 126-135. 工程学
- 154、Gong, Z.W., et al., On condition of reaching a high level of consensus when new decision makers join. Kybernetes, 2013. 42(7): p. 999-1015. 工程学
- 155、Weng, L.G., et al., Micro Aerial Vehicle (MAV) Flapping Motion Control Using an Immune Network with Different Immune Factors. International Journal of Advanced Robotic Systems, 2013. 10: p. 9. 工程学
- 156、Kou, L.L., et al., High sidelobe effects on interferometric coherence for circular SAR imaging geometry. Journal of Systems Engineering and Electronics, 2013. 24(1): p. 76-83. 工程学
- 157、Xiao, J.Z., Y.H. Cang, and Q.F. Liu, Existence of solutions for a class of boundary value problems of semilinear differential inclusions. Mathematical and Computer Modelling, 2013. 57(3-4): p. 671-683. 工程学
- 158、Chen, X. and X.Q. Xu, A Highly Efficient Rate Control Algorithm for JPEG2000 Images. IEEE Transactions on Consumer Electronics, 2013. 59(3): p. 587-591. 工程学
- 159、Wang, H., J. Cao, and X. Wei, Research on Stochastic Resonance Signal's Recovery. Mathematical Problems in Engineering, 2013. 2013: p. 7. 工程学
- 160、Zang, Q., et al., Invertibility of Nonlinear Differential-Algebraic-Equation Subsystems with Application to Power Systems. Mathematical Problems in Engineering, 2013. 2013: p. 8. 工程学
- 161、Zhou, Y., S.M. Yang, and Q. Zang, H-infinity Filter Design for Large-Scale Systems with Missing Measurements. Mathematical Problems in Engineering, 2013. 2013: p. 7. 工程学
- 162、Li, T., K. Zhang, and B.C. Zheng, Fault Detection for Non-Gaussian Stochastic Systems with Time-Varying Delay. Mathematical Problems in Engineering, 2013. 2013: p. 8. 工程学
- 163、Wan, F., et al., Effect of spark gap shape on time lag. Electronics Letters, 2013. 49(13): p. 795-+. 工程学

- 164、Zhang, Y.Y., S.T. Chen, and M. Li, The implementation of adaptive optics wavefront spot extraction on FPGA. *Journal of Optical Technology*, 2013. 80(1): p. 49-53. 工程学
- 165、Liu, T., J. Zhou, and H. Kikuchi, Partial sparse channel estimation based on optimal SLO algorithm. *Iete Journal of Research*, 2013. 59(6): p. 679-686. 工程学
- 166、Zou, Y.Q., et al., Joint Transceiver Design for Cooperative Multi-cell Systems with Multiple Users. *Circuits Systems and Signal Processing*, 2013. 32(1): p. 167-181. 工程学
- 167、Yang, T.Y., Z.Y. Lu, and J.H. Hu, H-infinity Control Theory Using in the Air Pollution Control System. *Mathematical Problems in Engineering*, 2013. 2013: p. 5. 工程学
- 168、Chen, X. and H.Y. Liu, Basic Unit Layer Rate Control Algorithm for H.264 Based on Human Visual System. *Mathematical Problems in Engineering*, 2013. 2013: p. 6. 工程学
- 169、Weng, L.G., et al., A Memory/Immunology-Based Control Approach with Applications to Multiple Spacecraft Formation Flying. *Mathematical Problems in Engineering*, 2013. 2013: p. 6. 工程学
- 170、Zhao, Y.X., S.N. Chen, and S.H. Shen, Assimilating remote sensing information with crop model using Ensemble Kalman Filter for improving LAI monitoring and yield estimation. *Ecological Modelling*, 2013. 270: p. 30-42. 环境科学与生态学
- 171、Murakami, H., et al., Projected increase in tropical cyclones near Hawaii. *Nature Climate Change*, 2013. 3(8): p. 749-754. 环境科学与生态学
- 172、Wang, C.Y., et al., Sequential extraction procedures for the determination of phosphorus forms in sediment. *Limnology*, 2013. 14(2): p. 147-157. 环境科学与生态学
- 173、Li, X.L., et al., Estimation of gross primary production over the terrestrial ecosystems in China. *Ecological Modelling*, 2013. 261: p. 80-92. 环境科学与生态学
- 174、Mao, L.J., et al., Multivariate analysis of heavy metals in surface sediments from lower reaches of the Xiangjiang River, southern China. *Environmental Earth Sciences*, 2013. 69(3): p. 765-771. 环境科学与生态学
- 175、Chen, Y.S., et al., Empirical estimation of pollution load and contamination levels of phthalate esters in agricultural soils from plastic film mulching in China. *Environmental Earth Sciences*, 2013. 70(1): p. 239-247. 环境科学与生态学
- 176、Xu, D.F., et al., Effect of earthworm *Eisenia fetida* and wetland plants on nitrification and denitrification potentials in vertical flow constructed wetland. *Chemosphere*, 2013. 92(2): p. 201-206. 环境科学与生态学
- 177、Xu, Y.M., Y. Shen, and Z.Y. Wu, Spatial and Temporal Variations of Land Surface Temperature Over the Tibetan Plateau Based on Harmonic Analysis. *Mountain Research and Development*, 2013. 33(1): p. 85-94. 环境科学与生态学
- 178、Zhang, Y.H., et al., Effects of invasion of *Spartina alterniflora* and exogenous N deposition on N<sub>2</sub>O emissions in a coastal salt marsh. *Ecological Engineering*, 2013. 58: p. 77-83. 环境科学与生态学
- 179、Lang, M., P. Li, and X.Y. Yan, Runoff concentration and load of nitrogen and phosphorus from a residential area in an intensive agricultural watershed. *Science of the Total Environment*, 2013. 458: p. 238-245. 环境科学与生态学
- 180、Yu, J.H., H.X. Yu, and L.Q. Xu, Performance evaluation of various stormwater best management practices. *Environmental Science and Pollution Research*, 2013. 20(9): p. 6160-6171. 环境科学与生态学
- 181、Xu, D.F., Y.X. Li, and A. Howard, Influence of earthworm *Eisenia fetida* on removal efficiency

- of N and P in vertical flow constructed wetland. *Environmental Science and Pollution Research*, 2013. 20(9): p. 5922-5929. 环境科学与生态学
- 182、Cheng, C., et al., Parameterized expressions for an improved Rouse equation. *International Journal of Sediment Research*, 2013. 28(4): p. 523-534. 环境科学与生态学
- 183、Wu, G., et al., Chemical composition, mass closure and sources of atmospheric PM<sub>10</sub> from industrial sites in Shenzhen, China. *Journal of Environmental Sciences*, 2013. 25(8): p. 1626-1635. 环境科学与生态学
- 184、Wang, D., et al., Ecophysiological screening of tree species for biomass production: trade-off between production and water use. *Ecosphere*, 2013. 4(11): p. 22. 环境科学与生态学
- 185、Hu, Z.H., et al., Soil Respiration and N<sub>2</sub>O Flux Response to UV-B Radiation and Straw Incorporation in a Soybean-Winter Wheat Rotation System. *Water Air and Soil Pollution*, 2013. 224(1): p. 12. 环境科学与生态学
- 186、Chen, S.T., et al., A new estimate of global soil respiration from 1970 to 2008. *Chinese Science Bulletin*, 2013. 58(33): p. 4153-4160. 环境科学与生态学
- 187、Xu, D.F., et al., Influence of earthworm *Eisenia fetida* on *Iris pseudacorus*'s photosynthetic characteristics, evapotranspiration losses and purifying capacity in constructed wetland systems. *Water Science and Technology*, 2013. 68(2): p. 335-341. 环境科学与生态学
- 188、Yu, J.H. and Y. Kim, Performance Evaluation and Modeling of Synthetic-Fiber Barrier in the Treatment of Turbid Water. *Water Environment Research*, 2013. 85(7): p. 596-603. 环境科学与生态学
- 189、Huang, L.D., et al., Opposite response of phosphorus sorption to pH and ionic strength: a comparative study in two different shallow lake sediments. *Chemistry and Ecology*, 2013. 29(6): p. 519-528. 环境科学与生态学
- 190、Yu, J.H., H.X. Yu, and Y. Kim, Model development and application design of fiber mat used for turbid runoff treatment. *Environmental Technology*, 2013. 34(11): p. 1429-1437. 环境科学与生态学
- 191、Yu, J.H., Y. Kim, and Y. Kim, Removal of non-point pollutants from bridge runoff by a hydrocyclone using natural water head. *Frontiers of Environmental Science & Engineering*, 2013. 7(6): p. 886-895. 环境科学与生态学
- 192、Jia, J.H., W.Z. Zhao, and S.B. Li, Regional evapotranspiration rate of oasis and surrounding desert. *Hydrological Processes*, 2013. 27(24): p. 3409-3414. 环境科学与生态学
- 193、Zhu, H.X., X.M. Chen, and Y. Zhang, Temporal and spatial variability of nitrogen in rice-wheat rotation in field scale. *Environmental Earth Sciences*, 2013. 68(2): p. 585-590. 环境科学与生态学
- 194、Huang, C.C., et al., Study of influencing factors to chromophoric dissolved organic matter absorption properties from fluorescence features in Taihu lake in autumn. *Journal of Limnology*, 2013. 72(2): p. 326-335. 环境科学与生态学
- 195、Hu, H.B., et al., Remote forcing of Indian Ocean warming on Northwest Pacific during El Nino decaying years: a FOAM model approach. *Chinese Journal of Oceanology and Limnology*, 2013. 31(6): p. 1363-1371. 环境科学与生态学
- 196、Shen, C.M., et al., Rates of global temperature change during the past millennium. *Climate Research*, 2013. 57(1): p. 11-18. 环境科学与生态学
- 197、Zhao, Q.H., Y.Z. Wei, and X.R. Ouyang, Spatial distribution of penetration depth in Taihu Lake (China) during spring and autumn. *Chinese Journal of Oceanology and Limnology*, 2013. 31(4): p.

907-916. 环境科学与生态学

- 198、Sun, Y.L., et al., Aerosol composition, sources and processes during wintertime in Beijing, China. *Atmospheric Chemistry and Physics*, 2013. 13(9): p. 4577-4592. 地球科学
- 199、Sun, Y.L., et al., The impact of relative humidity on aerosol composition and evolution processes during wintertime in Beijing, China. *Atmospheric Environment*, 2013. 77: p. 927-934. 地球科学
- 200、Lu, H.Y., et al., Variation of East Asian monsoon precipitation during the past 21 k.y. and potential CO<sub>2</sub> forcing. *Geology*, 2013. 41(9): p. 1023-1026. 地球科学
- 201、Fan, J.W., et al., Microphysical effects determine macrophysical response for aerosol impacts on deep convective clouds. *Proceedings of the National Academy of Sciences of the United States of America*, 2013. 110(48): p. E4581-E4590. 地球科学
- 202、Bracegirdle, T.J., et al., Assessment of surface winds over the Atlantic, Indian, and Pacific Ocean sectors of the Southern Ocean in CMIP5 models: historical bias, forcing response, and state dependence. *Journal of Geophysical Research-Atmospheres*, 2013. 118(2): p. 547-562. 地球科学
- 203、Zhang, W.J., et al., The Possible Influence of a Nonconventional El Nino on the Severe Autumn Drought of 2009 in Southwest China. *Journal of Climate*, 2013. 26(21): p. 8392-8405. 地球科学
- 204、Kang, H.Q., et al., Analysis of a long-lasting haze episode in Nanjing, China. *Atmospheric Research*, 2013. 120: p. 78-87. 地球科学
- 205、Sallee, J.B., et al., Assessment of Southern Ocean water mass circulation and characteristics in CMIP5 models: Historical bias and forcing response. *Journal of Geophysical Research-Oceans*, 2013. 118(4): p. 1830-1844. 地球科学
- 206、Sallee, J.B., et al., Assessment of Southern Ocean mixed-layer depths in CMIP5 models: Historical bias and forcing response. *Journal of Geophysical Research-Oceans*, 2013. 118(4): p. 1845-1862. 地球科学
- 207、Chen, B.J., J. Yang, and J.P. Pu, Statistical Characteristics of Raindrop Size Distribution in the Meiyu Season Observed in Eastern China. *Journal of the Meteorological Society of Japan*, 2013. 91(2): p. 215-227. 地球科学
- 208、Kong, S.F., et al., Spatial and temporal variation of phthalic acid esters (PAEs) in atmospheric PM<sub>10</sub> and PM<sub>2.5</sub> and the influence of ambient temperature in Tianjin, China. *Atmospheric Environment*, 2013. 74: p. 199-208. 地球科学
- 209、Ding, H.Y. and W.Z. Shi, Land-use/land-cover change and its influence on surface temperature: a case study in Beijing City. *International Journal of Remote Sensing*, 2013. 34(15): p. 5503-5517. 地球科学
- 210、Zou, X., et al., Impacts of assimilation of ATMS data in HWRF on track and intensity forecasts of 2012 four landfall hurricanes. *Journal of Geophysical Research-Atmospheres*, 2013. 118(20): p. 11558-11576. 地球科学
- 211、Liu, B.Q., et al., Genesis of the South Asian High and Its Impact on the Asian Summer Monsoon Onset. *Journal of Climate*, 2013. 26(9): p. 2976-2991. 地球科学
- 212、Weng, F.Z., et al., Calibration of Suomi national polar-orbiting partnership advanced technology microwave sounder. *Journal of Geophysical Research-Atmospheres*, 2013. 118(19): p. 11187-11200. 地球科学
- 213、Chen, L., D. Li, and S.C. Pryor, Wind speed trends over China: quantifying the magnitude and

- assessing causality. *International Journal of Climatology*, 2013. 33(11): p. 2579-2590. 地球科学
- 214、Zhang, Y.H., D.J. Seidel, and S.D. Zhang, Trends in Planetary Boundary Layer Height over Europe. *Journal of Climate*, 2013. 26(24): p. 10071-10076. 地球科学
- 215、Huang, J., S.L. Sun, and J.C. Zhang, Detection of trends in precipitation during 1960-2008 in Jiangxi province, southeast China. *Theoretical and Applied Climatology*, 2013. 114(1-2): p. 237-251. 地球科学
- 216、Chen, S.T., et al., Mean residence time of global topsoil organic carbon depends on temperature, precipitation and soil nitrogen. *Global and Planetary Change*, 2013. 100: p. 99-108. 地球科学
- 217、Kong, S.F., et al., Emission and profile characteristic of polycyclic aromatic hydrocarbons in PM<sub>2.5</sub> and PM<sub>10</sub> from stationary sources based on dilution sampling. *Atmospheric Environment*, 2013. 77: p. 155-165. 地球科学
- 218、Xu, D.M., et al., Impact of assimilating IASI radiance observations on forecasts of two tropical cyclones. *Meteorology and Atmospheric Physics*, 2013. 122(1-2): p. 1-18. 地球科学
- 219、Hu, X.M., et al., Impact of Low-Level Jets on the Nocturnal Urban Heat Island Intensity in Oklahoma City. *Journal of Applied Meteorology and Climatology*, 2013. 52(8): p. 1779-1802. 地球科学
- 220、Griffis, T.J., et al., Reconciling the differences between top-down and bottom-up estimates of nitrous oxide emissions for the US Corn Belt. *Global Biogeochemical Cycles*, 2013. 27(3): p. 746-754. 地球科学
- 221、Wu, L.G., H.J. Zong, and J. Liang, Observational Analysis of Tropical Cyclone Formation Associated with Monsoon Gyres. *Journal of the Atmospheric Sciences*, 2013. 70(4): p. 1023-1034. 地球科学
- 222、Liu, Y.X., et al., Detecting coastline change from satellite images based on beach slope estimation in a tidal flat. *International Journal of Applied Earth Observation and Geoinformation*, 2013. 23: p. 165-176. 地球科学
- 223、Liu, G.H., et al., A Systematic Comparison of the Effect of Polarization Ratio Models on Sea Surface Wind Retrieval From C-Band Synthetic Aperture Radar. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2013. 6(3): p. 1100-1108. 地球科学
- 224、Levy, M.E., et al., Measurements of submicron aerosols in Houston, Texas during the 2009 SHARP field campaign. *Journal of Geophysical Research-Atmospheres*, 2013. 118(18): p. 10518-10534. 地球科学
- 225、Huang, J.P., et al., The effects of rapid urbanization on the levels in tropospheric nitrogen dioxide and ozone over East China. *Atmospheric Environment*, 2013. 77: p. 558-567. 地球科学
- 226、Zhao, L., X.H. Lee, and S.D. Liu, Correcting surface solar radiation of two data assimilation systems against FLUXNET observations in North America. *Journal of Geophysical Research-Atmospheres*, 2013. 118(17): p. 9552-9564. 地球科学
- 227、Qin, Z.K., X.L. Zou, and F.Z. Weng, Evaluating Added Benefits of Assimilating GOES Imager Radiance Data in GSI for Coastal QPFs. *Monthly Weather Review*, 2013. 141(1): p. 75-92. 地球科学
- 228、Tan, H.B., et al., An observational study of the hygroscopic properties of aerosols over the Pearl River Delta region. *Atmospheric Environment*, 2013. 77: p. 817-826. 地球科学
- 229、Wu, L.G., et al., Sudden Tropical Cyclone Track Changes over the Western North Pacific: A Composite Study. *Monthly Weather Review*, 2013. 141(8): p. 2597-2610. 地球科学

- 230、Lu, C.S., et al., Empirical relationship between entrainment rate and microphysics in cumulus clouds. *Geophysical Research Letters*, 2013. 40(10): p. 2333-2338. 地球科学
- 231、Sun, S.L., et al., Effects of climate change on annual streamflow using climate elasticity in Poyang Lake Basin, China. *Theoretical and Applied Climatology*, 2013. 112(1-2): p. 169-183. 地球科学
- 232、Qi, Y.C., J. Zhang, and P.F. Zhang, A real-time automated convective and stratiform precipitation segregation algorithm in native radar coordinates. *Quarterly Journal of the Royal Meteorological Society*, 2013. 139(677): p. 2233-2240. 地球科学
- 233、Li, H.Y., et al., Target Detection on the Ocean With the Relative Phase of Compact Polarimetry SAR. *Ieee Transactions on Geoscience and Remote Sensing*, 2013. 51(6): p. 3299-3305. 地球科学
- 234、Xiao, W., et al., Transfer Coefficients of Momentum, Heat and Water Vapour in the Atmospheric Surface Layer of a Large Freshwater Lake. *Boundary-Layer Meteorology*, 2013. 148(3): p. 479-494. 地球科学
- 235、Fischer, T., et al., Hydrological long-term dry and wet periods in the Xijiang River basin, South China. *Hydrology and Earth System Sciences*, 2013. 17(1): p. 135-148. 地球科学
- 236、Jin, D.C., Z.Y. Guan, and W.Y. Tang, The Extreme Drought Event during Winter-Spring of 2011 in East China: Combined Influences of Teleconnection in Midhigh Latitudes and Thermal Forcing in Maritime Continent Region. *Journal of Climate*, 2013. 26(20): p. 8210-8222. 地球科学
- 237、Zhang, W.J., et al., On the Bias in Simulated ENSO SSTA Meridional Widths of CMIP3 Models. *Journal of Climate*, 2013. 26(10): p. 3173-3186. 地球科学
- 238、Chen, B., X.D. Xu, and T.L. Zhao, Main moisture sources affecting lower Yangtze River Basin in boreal summers during 2004-2009. *International Journal of Climatology*, 2013. 33(4): p. 1035-1046. 地球科学
- 239、Sun, D.Y., et al., A semi-analytical approach for detecting suspended particulate composition in complex turbid inland waters (China). *Remote Sensing of Environment*, 2013. 134: p. 92-99. 地球科学
- 240、Zhou, L.M., et al., Diurnal and seasonal variations of wind farm impacts on land surface temperature over western Texas. *Climate Dynamics*, 2013. 41(2): p. 307-326. 地球科学
- 241、Deng, B., et al., Evaluation of the CLM4 Lake Model at a Large and Shallow Freshwater Lake. *Journal of Hydrometeorology*, 2013. 14(2): p. 636-649. 地球科学
- 242、Tan, H.B., et al., Design and Application of an Unattended Multifunctional H-TDMA System. *Journal of Atmospheric and Oceanic Technology*, 2013. 30(6): p. 1136-1148. 地球科学
- 243、Yu, X.N., et al., Aerosol optical properties during firework, biomass burning and dust episodes in Beijing. *Atmospheric Environment*, 2013. 81: p. 475-484. 地球科学
- 244、Ma, Y., et al., Rapid modification of cloud-nucleating ability of aerosols by biogenic emissions. *Geophysical Research Letters*, 2013. 40(23): p. 6293-6297. 地球科学
- 245、Pu, Y., et al., Paleoclimate changes of the last 1000 yr on the eastern Qinghai-Tibetan Plateau recorded by elemental, isotopic, and molecular organic matter proxies in sediment from glacial Lake Ximencuo. *Palaeogeography Palaeoclimatology Palaeoecology*, 2013. 379: p. 39-53. 地球科学
- 246、Zou, X.L., Z.K. Qin, and F.Z. Weng, Improved Quantitative Precipitation Forecasts by MHS Radiance Data Assimilation with a Newly Added Cloud Detection Algorithm. *Monthly Weather Review*, 2013. 141(9): p. 3203-3221. 地球科学

- 247、Wen, X.F., et al., Evaluating calibration strategies for isotope ratio infrared spectroscopy for atmospheric (CO<sub>2</sub>)-C-13/(CO<sub>2</sub>)-C-12 measurement. *Atmospheric Measurement Techniques*, 2013. 6(6): p. 1491-1501. 地球科学
- 248、Xu, X.D., et al., What is the relationship between China summer precipitation and the change of apparent heat source over the Tibetan Plateau? *Atmospheric Science Letters*, 2013. 14(4): p. 227-234. 地球科学
- 249、Yang, Y., X. Chen, and Y.C. Qi, Classification of convective/stratiform echoes in radar reflectivity observations using a fuzzy logic algorithm. *Journal of Geophysical Research-Atmospheres*, 2013. 118(4): p. 1896-1905. 地球科学
- 250、Xu, K., C.W. Zhu, and J.H. He, Two types of El Nio-related Southern Oscillation and their different impacts on global land precipitation. *Advances in Atmospheric Sciences*, 2013. 30(6): p. 1743-1757. 地球科学
- 251、Zhang, J., et al., Decadal variability of droughts and floods in the Yellow River basin during the last five centuries and relations with the North Atlantic SST. *International Journal of Climatology*, 2013. 33(15): p. 3217-3228. 地球科学
- 252、Ge, B.Z., et al., Nitrogen dioxide measurement by cavity attenuated phase shift spectroscopy (CAPS) and implications in ozone production efficiency and nitrate formation in Beijing, China. *Journal of Geophysical Research-Atmospheres*, 2013. 118(16): p. 9499-9509. 地球科学
- 253、Lu, C.S., et al., Exploring parameterization for turbulent entrainment-mixing processes in clouds. *Journal of Geophysical Research-Atmospheres*, 2013. 118(1): p. 185-194. 地球科学
- 254、You, Q.L., et al., Can temperature extremes in China be calculated from reanalysis? *Global and Planetary Change*, 2013. 111: p. 268-279. 地球科学
- 255、Yang, S.Y., et al., Relationship between an abrupt drought-flood transition over mid-low reaches of the Yangtze River in 2011 and the intraseasonal oscillation over mid-high latitudes of East Asia. *Acta Meteorologica Sinica*, 2013. 27(2): p. 129-143. 地球科学
- 256、Liu, J., et al., A global ozone climatology from ozone soundings via trajectory mapping: a stratospheric perspective. *Atmospheric Chemistry and Physics*, 2013. 13(22): p. 11441-11464. 地球科学
- 257、Qi, Y.C., et al., VPR correction of bright band effects in radar QPEs using polarimetric radar observations. *Journal of Geophysical Research-Atmospheres*, 2013. 118(9): p. 3627-3633. 地球科学
- 258、Li, X.C., et al., Spatio-temporal variation of actual evapotranspiration in the Haihe River Basin of the past 50 years. *Quaternary International*, 2013. 304: p. 133-141. 地球科学
- 259、Sun, X., et al., Seasonal and vertical variations in aerosol distribution over Shijiazhuang, China. *Atmospheric Environment*, 2013. 81: p. 245-252. 地球科学
- 260、Wang, Z.M., On the response of Southern Hemisphere subpolar gyres to climate change in coupled climate models. *Journal of Geophysical Research-Oceans*, 2013. 118(3): p. 1070-1086. 地球科学
- 261、Qin, Z.K., X.L. Zou, and F.Z. Weng, Analysis of ATMS striping noise from its Earth scene observations. *Journal of Geophysical Research-Atmospheres*, 2013. 118(23): p. 13214-13229. 地球科学
- 262、Zhao, J., X.L. Zou, and F.Z. Weng, WindSat Radio-Frequency Interference Signature and Its Identification Over Greenland and Antarctic. *Ieee Transactions on Geoscience and Remote Sensing*, 2013. 51(9): p. 4830-4839. 地球科学

- 263、He, B., et al., Influences of external forcing changes on the summer cooling trend over East Asia. *Climatic Change*, 2013. 117(4): p. 829-841. 地球科学
- 264、Zhang, Y.W., et al., Spatial Distributions and Seasonal Variations of Tropospheric Water Vapor Content over the Tibetan Plateau. *Journal of Climate*, 2013. 26(15): p. 5637-5654. 地球科学
- 265、Zhang, S.D., et al., Latitudinal and altitudinal variability of lower atmospheric inertial gravity waves revealed by US radiosonde data. *Journal of Geophysical Research-Atmospheres*, 2013. 118(14): p. 7750-7764. 地球科学
- 266、Chen, Y.D., et al., Balance characteristics of multivariate background error covariances and their impact on analyses and forecasts in tropical and Arctic regions. *Meteorology and Atmospheric Physics*, 2013. 121(1-2): p. 79-98. 地球科学
- 267、Zhu, K.F., et al., A Regional GSI-Based Ensemble Kalman Filter Data Assimilation System for the Rapid Refresh Configuration: Testing at Reduced Resolution. *Monthly Weather Review*, 2013. 141(11): p. 4118-4139. 地球科学
- 268、Deng, H.Q., et al., Spring and summer precipitation changes from 1880 to 2011 and the future projections from CMIP5 models in the Yangtze River Basin, China. *Quaternary International*, 2013. 304: p. 95-106. 地球科学
- 269、Chen, H.S. and Y. Zhang, Sensitivity experiments of impacts of large-scale urbanization in East China on East Asian winter monsoon. *Chinese Science Bulletin*, 2013. 58(7): p. 809-815. 地球科学
- 270、Zhu, S.Y., et al., Disaggregation of land surface temperature over a heterogeneous urban and surrounding suburban area: a case study in Shanghai, China. *International Journal of Remote Sensing*, 2013. 34(5): p. 1707-1723. 地球科学
- 271、Zhang, W., Y. Leung, and J.Z. Min, North Pacific Gyre Oscillation and the occurrence of western North Pacific tropical cyclones. *Geophysical Research Letters*, 2013. 40(19): p. 5205-5211. 地球科学
- 272、Fischer, T., et al., Simulated and projected climate extremes in the Zhujiang River Basin, South China, using the regional climate model COSMO-CLM. *International Journal of Climatology*, 2013. 33(14): p. 2988-3001. 地球科学
- 273、Zhu, S.Y., et al., Influence of sky temperature distribution on sky view factor and its applications in urban heat island. *International Journal of Climatology*, 2013. 33(7): p. 1837-1843. 地球科学
- 274、Xie, X.J., et al., Hyperspectral characteristics and growth monitoring of rice (*Oryza sativa*) under asymmetric warming. *International Journal of Remote Sensing*, 2013. 34(23): p. 8449-8462. 地球科学
- 275、Xu, Y.M., T. Li, and M. Peng, Tropical Cyclogenesis in the Western North Pacific as Revealed by the 2008-09 YOTC Data. *Weather and Forecasting*, 2013. 28(4): p. 1038-1056. 地球科学
- 276、Zhang, H., et al., The features of cloud overlapping in Eastern Asia and their effect on cloud radiative forcing. *Science China-Earth Sciences*, 2013. 56(5): p. 737-747. 地球科学
- 277、Liu, J.J., et al., Cloud optical and microphysical properties derived from ground-based and satellite sensors over a site in the Yangtze Delta region. *Journal of Geophysical Research-Atmospheres*, 2013. 118(16): p. 9141-9152. 地球科学
- 278、Zhang, J.Y., et al., Changes in Tropical Cyclone Rainfall in China. *Journal of the Meteorological Society of Japan*, 2013. 91(5): p. 585-595. 地球科学
- 279、Qian, C.H., et al., Probabilistic Evaluation of the Dynamics and Prediction of Supertyphoon



- Megi (2010). *Weather and Forecasting*, 2013. 28(6): p. 1562-1577. 地球科学
- 280、Hua, W.J., et al., Hotspots of the sensitivity of the land surface hydrological cycle to climate change. *Chinese Science Bulletin*, 2013. 58(30): p. 3682-3688. 地球科学
- 281、Huang, K.M., et al., A nonlinear interaction event between a 16-day wave and a diurnal tide from meteor radar observations. *Annales Geophysicae*, 2013. 31(11): p. 2039-2048. 地球科学
- 282、Wang, S.Z., M. Xue, and J.Z. Min, A four-dimensional asynchronous ensemble square-root filter (4DEnSRF) algorithm and tests with simulated radar data. *Quarterly Journal of the Royal Meteorological Society*, 2013. 139(672): p. 805-819. 地球科学
- 283、Zheng, J., et al., Volatile organic compounds in Tijuana during the Cal-Mex 2010 campaign: Measurements and source apportionment. *Atmospheric Environment*, 2013. 70: p. 521-531. 地球科学
- 284、Zheng, J., et al., Measurements of formaldehyde at the US-Mexico border during the Cal-Mex 2010 air quality study. *Atmospheric Environment*, 2013. 70: p. 513-520. 地球科学
- 285、Wang, H., Y.Q. Wang, and H.M. Xu, Improving simulation of a tropical cyclone using dynamical initialization and large-scale spectral nudging: A case study of Typhoon Megi (2010). *Acta Meteorologica Sinica*, 2013. 27(4): p. 455-475. 地球科学
- 286、Huang, L.F., et al., Analysis of the north-south asymmetry of the equatorial ionization anomaly around 110 degrees E longitude. *Journal of Atmospheric and Solar-Terrestrial Physics*, 2013. 102: p. 354-361. 地球科学
- 287、Liu, W., Z.Y. Liu, and A.X. Hu, The stability of an evolving Atlantic meridional overturning circulation. *Geophysical Research Letters*, 2013. 40(8): p. 1562-1568. 地球科学
- 288、Zhu, J.S., et al., Improving ENSO prediction in a hybrid coupled model with an embedded entrainment temperature parameterisation. *International Journal of Climatology*, 2013. 33(2): p. 343-355. 地球科学
- 289、Zhu, B., et al., Aerosol spectra and new particle formation observed in various seasons in Nanjing. *Advances in Atmospheric Sciences*, 2013. 30(6): p. 1632-1644. 地球科学
- 290、Zhang, X.H. and Q.J. Tian, A mangrove recognition index for remote sensing of mangrove forest from space. *Current Science*, 2013. 105(8): p. 1149-1155. 地球科学
- 291、Li, D.S., et al., Validation of the Cooray-Rubinstein (C-R) formula for a rough ground surface by using three-dimensional (3-D) FDTD. *Journal of Geophysical Research-Atmospheres*, 2013. 118(22): p. 12749-12754. 地球科学
- 292、Guo, Y.Y., et al., Settlement distribution and its relationship with environmental changes from the Neolithic to Shang-Zhou dynasties in northern Shandong, China. *Journal of Geographical Sciences*, 2013. 23(4): p. 679-694. 地球科学
- 293、Chen, H.S., L. Liu, and Y.J. Zhu, Possible linkage between winter extreme low temperature events over China and synoptic-scale transient wave activity. *Science China-Earth Sciences*, 2013. 56(7): p. 1266-1280. 地球科学
- 294、Yin, Y.X., et al., Maximum water level of Hongze Lake and its relationship with natural changes and human activities from 1736 to 2005. *Quaternary International*, 2013. 304: p. 85-94. 地球科学
- 295、Sun, D.Y., et al., Hyperspectral Remote Sensing of the Pigment C-Phycocyanin in Turbid Inland Waters, Based on Optical Classification. *Ieee Transactions on Geoscience and Remote Sensing*, 2013. 51(7): p. 3871-3884. 地球科学
- 296、Zhou, L.M., et al., Effects of Topography on Assessing Wind Farm Impacts Using MODIS Data.

- Earth Interactions, 2013. 17: p. 18. 地球科学
- 297、Lou, W.P. and S.L. Sun, Design of agricultural insurance policy for tea tree freezing damage in Zhejiang Province, China. Theoretical and Applied Climatology, 2013. 111(3-4): p. 713-728. 地球科学
- 298、Wu, X.Q. and L.P. Deng, Comparison of Moist Static Energy and Budget between the GCM-Simulated Madden-Julian Oscillation and Observations over the Indian Ocean and Western Pacific. Journal of Climate, 2013. 26(14): p. 4981-4993. 地球科学
- 299、Shao, H.Y., J. Song, and H.Y. Ma, Sensitivity of the East Asian Summer Monsoon Circulation and Precipitation to an Idealized Large-Scale Urban Expansion. Journal of the Meteorological Society of Japan, 2013. 91(2): p. 163-177. 地球科学
- 300、Hua, W.J. and H.S. Chen, Recognition of climatic effects of land use/land cover change under global warming. Chinese Science Bulletin, 2013. 58(31): p. 3852-3858. 地球科学
- 301、Lu, C.S., et al., Examination of microphysical relationships and corresponding microphysical processes in warm fogs. Acta Meteorologica Sinica, 2013. 27(6): p. 832-848. 地球科学
- 302、Shi, Y.L., et al., Allometric Scaling and Resource Limitations Model of Tree Heights: Part 1. Model Optimization and Testing over Continental USA. Remote Sensing, 2013. 5(1): p. 284-306. 地球科学
- 303、Wang, Y.Y., X. Li, and S.H. Tang, Validation of the SEBS-derived sensible heat for FY3A/VIRR and TERRA/MODIS over an alpine grass region using LAS measurements. International Journal of Applied Earth Observation and Geoinformation, 2013. 23: p. 226-233. 地球科学
- 304、Wang, S.Z. and E.T. Yu, Simulation and projection of changes in rainy season precipitation over China using the WRF model. Acta Meteorologica Sinica, 2013. 27(4): p. 577-584. 地球科学
- 305、Wang, D., J.F. Miao, and Z.M. Tan, Impacts of topography and land cover change on thunderstorm over the Huangshan (Yellow Mountain) area of China. Natural Hazards, 2013. 67(2): p. 675-699. 地球科学
- 306、Wu, J., J. Guo, and D.M. Zhao, Characteristics of aerosol transport and distribution in East Asia. Atmospheric Research, 2013. 132: p. 185-198. 地球科学
- 307、Wang, H., et al., Case study of longwave contribution to dust radiative effects over East Asia. Chinese Science Bulletin, 2013. 58(30): p. 3673-3681. 地球科学
- 308、Huang, X.Y., et al., Assimilation of wind speed and direction observations: a new formulation and results from idealised experiments. Tellus Series a-Dynamic Meteorology and Oceanography, 2013. 65: p. 12. 地球科学
- 309、Choi, S., et al., Allometric Scaling and Resource Limitations Model of Tree Heights: Part 2. Site Based Testing of the Model. Remote Sensing, 2013. 5(1): p. 202-223. 地球科学
- 310、Liu, Y.H., et al., Multifractal analysis of 1-min summer rainfall time series from a monsoonal watershed in eastern China. Theoretical and Applied Climatology, 2013. 111(1-2): p. 37-50. 地球科学
- 311、Qi, Y.C. and J. Zhang, Correction of Radar QPE Errors Associated with Low and Partially Observed Brightband Layers. Journal of Hydrometeorology, 2013. 14(6): p. 1933-1943. 地球科学
- 312、Murakami, H., T. Li, and M. Peng, Changes to environmental parameters that control tropical cyclone genesis under global warming. Geophysical Research Letters, 2013. 40(10): p. 2265-2270. 地球科学
- 313、Huang, K.M., et al., Third-order resonant interaction of atmospheric gravity waves. Journal

- of Geophysical Research-Atmospheres, 2013. 118(5): p. 2197-2206. 地球科学
- 314、Wu, D., et al., The influence of dust events on precipitation acidity in China. Atmospheric Environment, 2013. 79: p. 138-146. 地球科学
- 315、Zhao, L.J., et al., Microphysical characteristics of sea fog over the east coast of Leizhou Peninsula, China. Advances in Atmospheric Sciences, 2013. 30(4): p. 1154-1172. 地球科学
- 316、Xu, J., A.M. Powell, and L. Zhao, Intercomparison of temperature trends in IPCC CMIP5 simulations with observations, reanalyses and CMIP3 models. Geoscientific Model Development, 2013. 6(5): p. 1705-1714. 地球科学
- 317、Qi, Y.C., et al., Correction of Radar QPE Errors for Nonuniform VPRs in Mesoscale Convective Systems Using TRMM Observations. Journal of Hydrometeorology, 2013. 14(5): p. 1672-1682. 地球科学
- 318、Zhang, H., et al., Influence of changes in solar radiation on changes of surface temperature in China. Acta Meteorologica Sinica, 2013. 27(1): p. 87-97. 地球科学
- 319、Yan, G.X., Z.Y. Wu, and D.H. Li, Comprehensive Analysis of the Persistent Drought Events in Southwest China. Disaster Advances, 2013. 6: p. 306-315. 地球科学
- 320、Wang, S.Z., et al., An iterative ensemble square root filter and tests with simulated radar data for storm-scale data assimilation. Quarterly Journal of the Royal Meteorological Society, 2013. 139(676): p. 1888-1903. 地球科学
- 321、Yang, S.Y., et al., The zonal propagating characteristics of low-frequency oscillation over the Eurasian mid-high latitude in boreal summer. Science China-Earth Sciences, 2013. 56(9): p. 1566-1575. 地球科学
- 322、Chen, D., Z.Y. Chen, and D.R. Lu, Spatiotemporal spectrum and momentum flux of the stratospheric gravity waves generated by a typhoon. Science China-Earth Sciences, 2013. 56(1): p. 54-62. 地球科学
- 323、Liang, P., et al., STUDY OF RELATIONSHIP BETWEEN URBANIZATION SPEED AND CHANGE IN SPATIAL DISTRIBUTION OF RAINFALL OVER SHANGHAI. Journal of Tropical Meteorology, 2013. 19(1): p. 97-103. 地球科学
- 324、Feng, J.Q., D.X. Hu, and L.J. Yu, Role of Western Pacific Oceanic variability in the onset of the Bay of Bengal summer monsoon. Advances in Atmospheric Sciences, 2013. 30(1): p. 219-234. 地球科学
- 325、Xu, H.X., X.J. Zhang, and X.D. Xu, Impact of Tropical Storm Bopha on the Intensity Change of Super Typhoon Saomai in the 2006 Typhoon Season. Advances in Meteorology, 2013. 2013: p. 13. 地球科学
- 326、Lou, W.P., et al., Changes in pick beginning date and frost damage risk of tea tree in Longjing tea-producing area. Theoretical and Applied Climatology, 2013. 114(1-2): p. 115-123. 地球科学
- 327、Liu, Q.H. and F.Z. Weng, Using Advanced Matrix Operator (AMOM) in Community Radiative Transfer Model. Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013. 6(3): p. 1211-1218. 地球科学
- 328、Zhao, Z.K., et al., Scalar Flux-Gradient Relationships Under Unstable Conditions over Water in Coastal Regions. Boundary-Layer Meteorology, 2013. 148(3): p. 495-516. 地球科学
- 329、Wu, G.X., et al., Impact of tropical cyclone development on the instability of South Asian High and the summer monsoon onset over Bay of Bengal. Climate Dynamics, 2013. 41(9-10): p. 2603-2616. 地球科学
- 330、Zhou, Y., S.J. Niu, and J.J. Lu, The influence of freezing drizzle on wire icing during freezing

fog events. *Advances in Atmospheric Sciences*, 2013. 30(4): p. 1053-1069. 地球科学

331、Cheng, Y.L., et al., Simulation of CO<sub>2</sub> variations at Chinese background atmospheric monitoring stations between 2000 and 2009: Applying a CarbonTracker model. *Chinese Science Bulletin*, 2013. 58(32): p. 3986-3993. 地球科学

332、Huang, C.M., et al., Frequency variations of gravity waves interacting with a time-varying tide. *Annales Geophysicae*, 2013. 31(10): p. 1731-1743. 地球科学

333、Yang, Y.Q., et al., The variability of spring sand-dust storm frequency in Northeast Asia from 1980 to 2011. *Acta Meteorologica Sinica*, 2013. 27(1): p. 119-127. 地球科学

334、Liu, Y.M., et al., Seasonal evolution of subtropical anticyclones in the climate system model FGOALS-s2. *Advances in Atmospheric Sciences*, 2013. 30(3): p. 593-606. 地球科学

335、Wang, R.F. and L.G. Wu, Climate Changes of Atlantic Tropical Cyclone Formation Derived from Twentieth-Century Reanalysis. *Journal of Climate*, 2013. 26(22): p. 8995-9005. 地球科学

336、Lu, C.S., Y.G. Liu, and S.J. Niu, A method for distinguishing and linking turbulent entrainment mixing and collision-coalescence in stratocumulus clouds. *Chinese Science Bulletin*, 2013. 58(4-5): p. 545-551. 地球科学

337、Zhang, H., et al., World's Greatest Observed Point Rainfalls: Jennings (1950) Scaling Law. *Journal of Hydrometeorology*, 2013. 14(6): p. 1952-1957. 地球科学

338、Wu, Z.W., et al., Seasonal Prediction of Killing-Frost Frequency in South-Central Canada during the Cool/Overwintering-Crop Growing Season. *Journal of Applied Meteorology and Climatology*, 2013. 52(1): p. 102-113. 地球科学

339、Yu, Y., et al., Regional climate effects of internally and externally mixed aerosols over China. *Acta Meteorologica Sinica*, 2013. 27(1): p. 110-118. 地球科学

340、Zhong, S.S., Z.W. Wu, and J.H. He, Comparisons of the Thermal Effects of the Tibetan Plateau with NCEP-I and ERA-40 Reanalysis Data. *Atmosphere-Ocean*, 2013. 51(1): p. 75-87. 地球科学

341、Xue, M., et al., Chemical characteristics of air masses from different urban and industrial centers in the Huabei region of China. *Atmospheric Environment*, 2013. 71: p. 122-130. 地球科学

342、Li, Q.Q. and Y.H. Duan, Sensitivity of Quasi-Periodic Outer Rainband Activity of Tropical Cyclones to the Surface Entropy Flux. *Acta Meteorologica Sinica*, 2013. 27(5): p. 636-657. 地球科学

343、Zong, R., L.P. Liu, and Y. Yin, Relationship between cloud characteristics and radar reflectivity based on aircraft and cloud radar co-observations. *Advances in Atmospheric Sciences*, 2013. 30(5): p. 1275-1286. 地球科学

344、Li, X.F. and X.Y. Shen, Rain Microphysical Budget in the Tropical Deep Convective Regime: A 2-D Cloud-Resolving Modeling Study. *Journal of the Meteorological Society of Japan*, 2013. 91(6): p. 801-815. 地球科学

345、Wen, N., Z.Y. Liu, and Q.Y. Liu, Observational Assessment of Nonlocal Heat Flux Feedback in the North Atlantic by GEFA. *Journal of Applied Meteorology and Climatology*, 2013. 52(3): p. 645-653. 地球科学

346、Li, C. and G. Zeng, Impacts of ENSO on autumn rainfall over Yellow River loop valley in observation: Possible mechanism and stability. *Journal of Geophysical Research-Atmospheres*, 2013. 118(8): p. 3110-3119. 地球科学

347、Pan, Z.T., B.C. Wan, and Z.Q. Gao, Asymmetric and heterogeneous frequency of high and low record-breaking temperatures in China as an indication of warming climate becoming more

- extreme. *Journal of Geophysical Research-Atmospheres*, 2013. 118(12): p. 6152-6164. 地球科学
- 348、Shi, C.H., et al., An atypical cold vortex structure and its precipitation over Northeast China based on Cloudsat detection. *Chinese Journal of Geophysics-Chinese Edition*, 2013. 56(8): p. 2594-2602. 地球科学
- 349、Jiang, Y., et al., Using WSR-88D Polarimetric Data to Identify Bird-Contaminated Doppler Velocities. *Advances in Meteorology*, 2013. 2013: p. 13. 地球科学
- 350、Yao, S.X., et al., The simulation of water vapor transport in East Asia using a regional air-sea coupled model. *Journal of Geophysical Research-Atmospheres*, 2013. 118(4): p. 1585-1600. 地球科学
- 351、Chen, F.J., M.Y. Jiao, and J. Chen, The meta-Gaussian Bayesian Processor of forecasts and associated preliminary experiments. *Acta Meteorologica Sinica*, 2013. 27(2): p. 199-210. 地球科学
- 352、Hu, H.B., et al., The critical role of Indian summer monsoon on the remote forcing between Indian and Northwest Pacific during El Nino decaying year. *Science China-Earth Sciences*, 2013. 56(3): p. 408-417. 地球科学
- 353、Yang, S. and X. Zou, Temperature Profiles and Lapse Rate Climatology in Altostratus and Nimbostratus Clouds Derived from GPS RO Data. *Journal of Climate*, 2013. 26(16): p. 6000-6014. 地球科学
- 354、Zhang, J.Y., L.G. Wu, and Q. Zhang, TROPICAL CYCLONE DAMAGES IN CHINA UNDER GLOBAL WARMING. *Journal of Tropical Meteorology*, 2013. 19(2): p. 120-129. 地球科学
- 355、Wang, J., X.F. Zhi, and Y.W. Chen, Probabilistic multimodel ensemble prediction of decadal variability of East Asian surface air temperature based on IPCC-AR5 near-term climate simulations. *Advances in Atmospheric Sciences*, 2013. 30(4): p. 1129-1142. 地球科学
- 356、Wang, L.L., et al., Evaluation of Turbulent Surface Flux Parameterizations over Tall Grass in a Beijing Suburb. *Journal of Hydrometeorology*, 2013. 14(5): p. 1620-1635. 地球科学
- 357、Hou, J. and Z.Y. Guan, Climatological characteristics of frontogenesis and related circulations over East China in June and July. *Acta Meteorologica Sinica*, 2013. 27(2): p. 144-169. 地球科学
- 358、Zheng, B., F. Lu, and H.C. Wei, Air-sea interactions associated with tropospheric biennial oscillation in South China Sea summer monsoon and their effects on El Nino-Southern Oscillation. *Acta Oceanologica Sinica*, 2013. 32(6): p. 6-12. 地球科学
- 359、Wang, Z.H., Y. Zhang, and J. Zhu, A PRELIMINARY STUDY ON THUNDERSTORM FORECAST WITH LS-SVM METHOD. *Journal of Tropical Meteorology*, 2013. 19(1): p. 104-108. 地球科学
- 360、Zhang, R.H., Z.X. Li, and J.Z. Min, Using Satellite Data to Represent Tropical Instability Waves (TIWs)-Induced Wind for Ocean Modeling: A Negative Feedback onto TIW Activity in the Pacific. *Remote Sensing*, 2013. 5(6): p. 2660-2687. 地球科学
- 361、Shi, N. and C. Bueh, Three-dimensional dynamic features of two arctic oscillation types. *Advances in Atmospheric Sciences*, 2013. 30(4): p. 1039-1052. 地球科学
- 362、Yu, L.J., et al., The Interannual Variability of the Haines Index over North America. *Journal of Applied Meteorology and Climatology*, 2013. 52(11): p. 2396-2409. 地球科学
- 363、Xu, M.M. and H.M. Xu, THE CHARACTERISTICS OF HIGH WIND DISTRIBUTION IN CHINA'S COASTAL REGION AND THEIR CAUSES. *Journal of Tropical Meteorology*, 2013. 19(1): p. 49-58. 地球科学
- 364、Zhu, J., et al., SIMULATING THE RESPONSE OF NON-UNIFORMITY OF PRECIPITATION

- EXTREMES OVER CHINA TO CO<sub>2</sub> INCREASING BY MIROC\_HIRES MODEL. *Journal of Tropical Meteorology*, 2013. 19(4): p. 331-339. 地球科学
- 365、Ping, F., X.B. Tang, and Z.X. Luo, Phase differences between rainfall and its sources in the tropical deep convective regime: A partitioning analysis based on the surface rainfall budget. *Atmospheric Research*, 2013. 120: p. 325-333. 地球科学
- 366、Sun, M.N., et al., PRINCIPAL MODES OF THE SOUTH PACIFIC SSTA IN JUNE, JULY AND AUGUST AND THEIR RELATIONS TO ENSO AND SAM. *Journal of Tropical Meteorology*, 2013. 19(2): p. 154-161. 地球科学
- 367、Wang, L.J., et al., Microphysical responses to catalysis during a stratocumulus aircraft seeding experiment over the Sanjiangyuan region of China. *Acta Meteorologica Sinica*, 2013. 27(6): p. 849-867. 地球科学
- 368、Lu, C.H., et al., Interdecadal linkages between Pacific decadal oscillation and interhemispheric air mass oscillation and their possible connections with East Asian Monsoon. *Chinese Journal of Geophysics-Chinese Edition*, 2013. 56(4): p. 1084-1094. 地球科学
- 369、Niu, T., et al., Development of a meteorological and hydrological coupling index for droughts and floods along the Yangtze River valley of China. *Advances in Atmospheric Sciences*, 2013. 30(6): p. 1653-1662. 地球科学
- 370、Huang, Z., et al., Asymmetric response of the South China Sea SST to El Nio and La Nia. *Journal of Ocean University of China*, 2013. 12(2): p. 272-278. 地球科学
- 371、Yu, L.J., et al., Trends in latent and sensible heat fluxes over the oceans surrounding the Arctic Ocean. *Journal of Applied Remote Sensing*, 2013. 7: p. 15. 地球科学
- 372、Yao, S.X., Q. Huang, and Y.C. Zhang, SIMULATION OF SUMMER CLIMATE IN CHINA DURING 1997 AND 1998 USING A REGIONAL AIR-SEA COUPLED MODEL. *Journal of Tropical Meteorology*, 2013. 19(1): p. 80-86. 地球科学
- 373、Li, L.P., C. Wang, and K.M. Zhang, POSSIBLE RELATIONSHIP BETWEEN THE INTERANNUAL ANOMALY OF THE TROPICAL PACIFIC SEA SURFACE HEIGHT AND SUMMER PRECIPITATION IN CHINA. *Journal of Tropical Meteorology*, 2013. 19(1): p. 16-27. 地球科学
- 374、Chen, Y., X.W. Chen, and Y.X. Yin, Impacts of climate variability on the streamflow for the recent 50 years in the Min River basin, China. *Disaster Advances*, 2013. 6: p. 275-281. 地球科学
- 375、Zhang, H., R.Y. Zhang, and G.Y. Shi, An updated estimation of radiative forcing due to CO<sub>2</sub> and its effect on global surface temperature change. *Advances in Atmospheric Sciences*, 2013. 30(4): p. 1017-1024. 地球科学
- 376、Liang, X.S. and A.R. Robinson, Absolute and convective instabilities and their roles in the forecasting of large frontal meanderings. *Journal of Geophysical Research-Oceans*, 2013. 118(10): p. 5686-5702. 地球科学
- 377、Liang, Z.R., et al., APPLICATION OF HYSPLIT MODEL IN DEFINITION OF THE ONSET OF SOUTH CHINA SEA SUMMER MONSOON. *Journal of Tropical Meteorology*, 2013. 19(2): p. 130-137. 地球科学
- 378、Jiang, H.M., S.H. Liu, and H.P. Liu, Spectra and cospectra of turbulence in an internal boundary layer over a heterogeneously irrigated cotton field. *Acta Meteorologica Sinica*, 2013. 27(2): p. 233-248. 地球科学
- 379、Cheng, J., et al., Reconstructing changes in Atlantic thermohaline circulation during the 20th century under two possible scenarios. *Science China-Earth Sciences*, 2013. 56(2): p. 258-269. 地球科学

- 380、Li, Q.Q. and Q. Wang, Re-examination of the potential vorticity metrics for determining extratropical transition onset and completion times using high-resolution data. *Acta Meteorologica Sinica*, 2013. 27(4): p. 502-508. 地球科学
- 381、Zeng, G., et al., NUMERICAL SIMULATION OF SSTA IMPACTS UPON THE INTERDECADAL VARIATION OF THE CROSS-EQUATORIAL FLOWS IN EASTERN HEMISPHERE. *Journal of Tropical Meteorology*, 2013. 19(3): p. 223-232. 地球科学
- 382、Yu, T., et al., Global air-sea surface carbon-dioxide transfer velocity and flux estimated using ERS-2 data and a new parametric formula. *Acta Oceanologica Sinica*, 2013. 32(7): p. 78-87. 地球科学
- 383、Yu, T., Y.J. He, and X.H. Yan, Global air-sea surface carbon dioxide transfer velocity and flux estimated using 17 a altimeter data and a new algorithm. *Acta Oceanologica Sinica*, 2013. 32(10): p. 24-33. 地球科学
- 384、Wu, X.Y., Y.H. Ding, and C.Z. Ye, DIAGNOSTIC ANALYSIS OF PERSISTENT DROUGHT/FLOOD EVENTS IN SUMMER OVER THE TWO-LAKE REGION OF CHINA. *Journal of Tropical Meteorology*, 2013. 19(3): p. 264-275. 地球科学
- 385、Liu, X., et al., ANNUAL VARIATIONS OF TEMPERATURE ON FOUR URBAN UNDERLYING SURFACES AND FITTING ANALYSIS. *Journal of Tropical Meteorology*, 2013. 19(2): p. 138-144. 地球科学
- 386、Yin, Y.Z., et al., ANALYSIS ON THE CHARACTERISTICS OF TROPICAL CYCLONES MAKING LANDFALL ON DIFFERENT REGIONS OF CHINESE MAINLAND. *Journal of Tropical Meteorology*, 2013. 19(3): p. 276-283. 地球科学
- 387、Fu, M.N., et al., A QUANTITATIVE STUDY FOR ABNORMAL FREEZING RAINS AND SNOWSTORMS IN SOUTHERN CHINA IN EARLY 2008. *Journal of Tropical Meteorology*, 2013. 19(1): p. 67-79. 地球科学
- 388、Liu, X.M., et al., Some characteristics of the surface boundary layer of a strong cold air process over southern China. *Advances in Atmospheric Sciences*, 2013. 30(1): p. 210-218. 地球科学
- 389、Tingting, T.T., Z.H. Jiang, and Z.W. Wu, Responses of the Leading Mode of Coldwave Intensity in China to a Warming Climate. *Acta Meteorologica Sinica*, 2013. 27(5): p. 673-683. 地球科学
- 390、Zhao, Q.H., et al., Mechanism of attenuation coefficient variability of underwater upward radiance. *International Journal of Remote Sensing*, 2013. 34(1): p. 112-127. 地球科学
- 391、Yin, J.F., et al., INVESTIGATION OF THE SPATIAL AND TEMPORAL DISTRIBUTION OF EXTREME HIGH TEMPERATURE IN CHINA WITH DETRENDED FLUCTUATION AND PERMUTATION ENTROPY. *Journal of Tropical Meteorology*, 2013. 19(4): p. 349-356. 地球科学
- 392、Yuan, X.T., T. Zhang, and X.F. Wan, A Joint Matrix Completion and Filtering Model for Influenza Serological Data Integration. *Plos One*, 2013. 8(7): p. 12. 免疫学
- 393、Liu, D.G., et al., Effects of cellulose nanofibrils on the structure and properties on PVA nanocomposites. *Cellulose*, 2013. 20(6): p. 2981-2989. 材料科学
- 394、Xu, J.J., Y.H. Ao, and M.D. Chen, A simple method for the preparation of Bi<sub>2</sub>WO<sub>6</sub>-reduced graphene oxide with enhanced photocatalytic activity under visible light irradiation. *Materials Letters*, 2013. 92: p. 126-128. 材料科学
- 395、Li, W.J., et al., Enhanced photosensitized degradation of rhodamine B on CdS/TiO<sub>2</sub> nanocomposites under visible light irradiation. *Materials Research Bulletin*, 2013. 48(9): p. 3025-3031. 材料科学

- 396、Xu, L.H., et al., Optical and structural properties of ZnO/ZnMgO composite thin films prepared by sol-gel technique. *Journal of Alloys and Compounds*, 2013. 548: p. 7-12. 材料科学
- 397、Li, F.H., Layer-by-layer loading iron onto mesoporous silica surfaces: Synthesis, characterization and application for As(V) removal. *Microporous and Mesoporous Materials*, 2013. 171: p. 139-146. 材料科学
- 398、Li, J.L., et al., Tribological properties of laser surface texturing and molybdenizing duplex-treated stainless steel at elevated temperatures. *Surface & Coatings Technology*, 2013. 228: p. S219-S223. 材料科学
- 399、Liu, J., et al., A new approach to prepare spherical La-Fe-Si-Co magnetocaloric refrigerant particles. *Scripta Materialia*, 2013. 69(6): p. 485-488. 材料科学
- 400、Xu, L.H., et al., Strong ultraviolet and violet emissions from ZnO/TiO<sub>2</sub> multilayer thin films. *Optical Materials*, 2013. 35(8): p. 1582-1586. 材料科学
- 401、Fan, L., et al., Enhanced luminescence intensity of Sr<sub>3</sub>B<sub>2</sub>O<sub>6</sub>:Eu<sup>2+</sup> phosphor prepared by sol-gel method. *Journal of Alloys and Compounds*, 2013. 579: p. 432-437. 材料科学
- 402、Xian, F.L., et al., Controllable growth of ZnO nanorods by seed layers annealing using hydrothermal method. *Materials Letters*, 2013. 108: p. 46-49. 材料科学
- 403、Xie, J.B., et al., Photo synthesis of protein-based drug-delivery nanoparticles for active tumor targeting. *Biomaterials Science*, 2013. 1(12): p. 1216-1222. 材料科学
- 404、Qi, H. and H.Y. Wu, Effect of surface modification of pure Ti on tribological and biological properties of bone tissue. *Surface Engineering*, 2013. 29(4): p. 300-305. 材料科学
- 405、Wu, H.Y., et al., Effect of surface microstructure of aluminum coating on corrosion properties of magnetic refrigerant gadolinium. *Transactions of Nonferrous Metals Society of China*, 2013. 23(11): p. 3280-3285. 材料科学
- 406、Xie, M.T., P.N. Zhang, and K.K. Song, Thermal Stability and Transformation-mediated Deformability of Cu-Zr-Al-Ni Bulk Metallic Glass Composite. *Journal of Materials Science & Technology*, 2013. 29(9): p. 868-872. 材料科学
- 407、Wu, H.Y., et al., Macrotribological behavior of the graphene surface structured in a cylinder array. *Surface & Coatings Technology*, 2013. 236: p. 296-302. 材料科学
- 408、Feng, Y.P., J.X. Ge, and F.Y. Wan, The derivation of scaling relationship between acoustic and electromagnetic scattering by spheres. *Aip Advances*, 2013. 3(11): p. 11. 材料科学
- 409、Shen, H., et al., Structural and optical properties of ZnO thin films deposited by electron beam evaporation with different annealing temperatures. *Journal of Optoelectronics and Advanced Materials*, 2013. 15(3-4): p. 244-248. 材料科学
- 410、Zheng, G.G., et al., Beam Bending Effect in Metal-Dielectric-Metal Structure with Graded Width of Guiding Region. *Journal of Computational and Theoretical Nanoscience*, 2013. 10(11): p. 2647-2651. 材料科学
- 411、Yao, Y.L., et al., Privacy-preserving max/min query in two-tiered wireless sensor networks. *Computers & Mathematics with Applications*, 2013. 65(9): p. 1318-1325. 数学
- 412、Zhang, R., T. Li, and L. Guo, Disturbance observer based control for flexible spacecraft with time-varying input delay. *Advances in Difference Equations*, 2013: p. 1-12. 数学
- 413、Liu, W.J., GENERAL DECAY RATE ESTIMATE FOR THE ENERGY OF A WEAK VISCOELASTIC EQUATION WITH AN INTERNAL TIME-VARYING DELAY TERM. *Taiwanese Journal of Mathematics*, 2013. 17(6): p. 2101-2115. 数学
- 414、Wang, Y. and Y. Wang, Multiplicative Lie n-derivations of generalized matrix algebras. *Linear*



- Algebra and Its Applications, 2013. 438(5): p. 2599-2616. 数学
- 415、Yang, S.X., Y. Jiang, and T.T. Nguyen, Metaheuristics for dynamic combinatorial optimization problems. *Journal of Management Mathematics*, 2013. 24(4): p. 451-480. 数学
- 416、Li, S.J., et al., Extremal solutions for p-Laplacian differential systems via iterative computation. *Applied Mathematics Letters*, 2013. 26(12): p. 1151-1158. 数学
- 417、Xu, W.W., A generalization of preconditioned MHSS iteration method for complex symmetric indefinite linear systems. *Applied Mathematics and Computation*, 2013. 219(21): p. 10510-10517. 数学
- 418、Lai, P., G.R. Li, and H. Lian, Quadratic inference functions for partially linear single-index models with longitudinal data. *Journal of Multivariate Analysis*, 2013. 118: p. 115-127. 数学
- 419、Liu, W.J., NEW INTEGRAL INEQUALITIES VIA  $(\alpha, m)$ -CONVEXITY AND QUASI-CONVEXITY. *Hacetatepe Journal of Mathematics and Statistics*, 2013. 42(3): p. 289-297. 数学
- 420、Lin, J.G. and C.Z. Cao, On estimation of measurement error models with replication under heavy-tailed distributions. *Computational Statistics*, 2013. 28(2): p. 809-829. 数学
- 421、Wu, B., J. Yu, and Z.W. Wang, Uniqueness and stability of an inverse kernel problem for type III thermoelasticity. *Journal of Mathematical Analysis and Applications*, 2013. 402(1): p. 242-254. 数学
- 422、Lian, H., P. Lai, and H. Liang, Partially Linear Structure Selection in Cox Models with Varying Coefficients. *Biometrics*, 2013. 69(2): p. 348-357. 数学
- 423、Liu, W.J., Y.T. Zhu, and J. Park, Some companions of perturbed Ostrowski-type inequalities based on the quadratic kernel function with three sections and applications. *Journal of Inequalities and Applications*, 2013: p. 14. 数学
- 424、Wang, S.S., T.C. Wang, and L.M. Zhang, Numerical computations for N-coupled nonlinear Schrodinger equations by split step spectral methods. *Applied Mathematics and Computation*, 2013. 222: p. 438-452. 数学
- 425、Zhao, Y.B., J.C. Feng, and Y.F. Chen, BIFURCATION INVESTIGATION AND STABILITY ANALYSIS FOR PEAK CURRENT MODE INPUT-SERIES OUTPUT-PARALLEL DC-DC CONVERTERS. *International Journal of Bifurcation and Chaos*, 2013. 23(7): p. 13. 数学
- 426、Zhang, Y.T. and Q. Luo, Global exponential stability of impulsive cellular neural networks with time-varying delays via fixed point theory. *Advances in Difference Equations*, 2013: p. 12. 数学
- 427、Hu, K., et al., Fault detection and estimation for non-Gaussian stochastic systems with time varying delay. *Advances in Difference Equations*, 2013: p. 12. 数学
- 428、Wang, T.C., L.M. Zhang, and Y. Jiang, Convergence of an efficient and compact finite difference scheme for the Klein-Gordon-Zakharov equation. *Applied Mathematics and Computation*, 2013. 221: p. 433-443. 数学
- 429、Liang, Z.T. and S.P. Lu, Homoclinic solutions for a kind of prescribed mean curvature Duffing-type equation. *Advances in Difference Equations*, 2013: p. 12. 数学
- 430、Wang, Y. and Y.L. Ren, 2-GOOD RINGS AND THEIR EXTENSIONS. *Bulletin of the Korean Mathematical Society*, 2013. 50(5): p. 1711-1723. 数学
- 431、Fang, J.H. and Y.G. Chen, On finite additive complements. *Discrete Mathematics*, 2013. 313(5): p. 595-598. 数学
- 432、Li, G., Y. Sun, and W.J. Liu, On Asymptotic Behavior and Blow-Up of Solutions for a Nonlinear Viscoelastic Petrovsky Equation with Positive Initial Energy. *Journal of Function Spaces and Applications*, 2013: p. 7. 数学

- 433、Lu, S.P., L. Zheng, and L.J. Chen, HOMOCLINIC SOLUTIONS FOR A CLASS OF SECOND ORDER NEUTRAL FUNCTIONAL DIFFERENTIAL SYSTEMS. *Acta Mathematica Scientia*, 2013. 33(5): p. 1361-1374. 数学
- 434、Xiao, J.Z., X.H. Zhu, and Z.M. Shen, COMMON COUPLED FIXED POINT RESULTS FOR HYBRID NONLINEAR CONTRACTIONS IN METRIC SPACES. *Fixed Point Theory*, 2013. 14(1): p. 235-249. 数学
- 435、Geng, H.T., et al., A self-guided Particle Swarm Optimization with Independent Dynamic Inertia Weights Setting on Each Particle. *Applied Mathematics & Information Sciences*, 2013. 7(2): p. 545-552. 数学
- 436、Wang, Y., Y. Wang, and Y.Q. Du, n-Derivations of triangular algebras. *Linear Algebra and Its Applications*, 2013. 439(2): p. 463-471. 数学
- 437、Li, G., L.H. Hong, and W.J. Liu, Exponential energy decay of solutions for a system of viscoelastic wave equations of Kirchhoff type with strong damping. *Applicable Analysis*, 2013. 92(5): p. 1046-1062. 数学
- 438、Liu, W.J., Y. Sun, and G. Li, BLOW-UP OF SOLUTIONS FOR A NONLINEAR WAVE EQUATION WITH NONNEGATIVE INITIAL ENERGY. *Electronic Journal of Differential Equations*, 2013: p. 8. 数学
- 439、Liu, W.J., Y. Jiang, and A. Tuna, A unified generalization of some quadrature rules and error bounds. *Applied Mathematics and Computation*, 2013. 219(9): p. 4765-4774. 数学
- 440、Liu, W.J. and J. Park, A generalization of the companion of Ostrowski-like inequality and applications. *Applied Mathematics & Information Sciences*, 2013. 7(1): p. 273-278. 数学
- 441、Wu, B., Q. Chen, and Z.W. Wang, Uniqueness and stability of an inverse problem for a phase field model using data from one component. *Computers & Mathematics with Applications*, 2013. 66(10): p. 2126-2138. 数学
- 442、Feng, Z.L., W.Z. Huang, and D.L. DeAngelis, SPATIALLY HETEROGENEOUS INVASION OF TOXIC PLANT MEDIATED BY HERBIVORY. *Mathematical Biosciences and Engineering*, 2013. 10(5-6): p. 1519-1538. 数学
- 443、Wang, Y. and Y. Wang, Jordan homomorphisms of upper triangular matrix rings. *Linear Algebra and Its Applications*, 2013. 439(12): p. 4063-4069. 数学
- 444、Lai, X.H. and T.X. Yao, Exponential Stability of Impulsive Delayed Reaction-Diffusion Cellular Neural Networks via Poincare Integral Inequality. *Abstract and Applied Analysis*, 2013: p. 10. 数学
- 445、Deng, S.F., B.L. Guo, and T.C. Wang, TRAVELING WAVE SOLUTIONS OF THE GREEN-NAGHDI SYSTEM. *International Journal of Bifurcation and Chaos*, 2013. 23(5): p. 8. 数学
- 446、Wang, S.F., Q.L. Xue, and W.J. Liu, Some New Perturbed Generalizations of Ostrowski-Gruss Type Inequalities for Bounded Differentiable Mappings and Applications. *Applied Mathematics & Information Sciences*, 2013. 7(5): p. 2077-2081. 数学
- 447、Wang, L.C., P. Lai, and H. Lian, Polynomial spline estimation for generalized varying coefficient partially linear models with a diverging number of components. *Metrika*, 2013. 76(8): p. 1083-1103. 数学
- 448、Chen, Y.G. and J.H. Fang, Hegyvari's Theorem on complete sequences. *Journal of Number Theory*, 2013. 133(9): p. 2857-2862. 数学
- 449、Li, Z.Q., et al., Efficient Algorithms for Optimal 4-Bit Reversible Logic System Synthesis. *Journal of Applied Mathematics*, 2013: p. 8. 数学

- 450、Lu, Z.Y., T.Y. Yang, and M. Zhu, Study of the Method of Multi-Frequency Signal Detection Based on the Adaptive Stochastic Resonance. *Abstract and Applied Analysis*, 2013: p. 10. 数学
- 451、Luo, Q., et al., Stability of Impulsive Neural Networks with Time-Varying and Distributed Delays. *Abstract and Applied Analysis*, 2013: p. 10. 数学
- 452、Lai, P., G.R. Li, and H. Lian, Semiparametric estimation of fixed effects panel data single-index model. *Statistics & Probability Letters*, 2013. 83(6): p. 1595-1602. 数学
- 453、Wang, C.Y., SOME TRANSFORMATIONS FOR THE WELL-POISED F-7(6)(1)-SERIES. *Ars Combinatoria*, 2013. 108: p. 3-11. 数学
- 454、Cheng, R., Periodic solutions for asymptotically linear Hamiltonian system with resonance both at infinity and origin via computation of critical groups. *Nonlinear Analysis-Theory Methods & Applications*, 2013. 89: p. 134-145. 数学
- 455、Pasca, D. and Z.Y. Wang, New existence results on periodic solutions of nonautonomous second order Hamiltonian systems with  $(q, p)$ -Laplacian. *Bulletin of the Belgian Mathematical Society-Simon Stevin*, 2013. 20(1): p. 155-166. 数学
- 456、Zhu, X.X., B. Zhu, and C.Z. Cao, Diagnostics for a Linear Model with First-Order Autoregressive Symmetrical Errors. *Communications in Statistics-Theory and Methods*, 2013. 42(13): p. 2335-2350. 数学
- 457、Zhang, Y.T. and Y.H. Guan, Asymptotic Stability of Impulsive Cellular Neural Networks with Infinite Delays via Fixed Point Theory. *Abstract and Applied Analysis*, 2013: p. 10. 数学
- 458、Xu, W.W., On eigenvalue bounds of two classes of two-by-two block indefinite matrices. *Applied Mathematics and Computation*, 2013. 219(12): p. 6669-6679. 数学
- 459、Fang, J.H. and Y.G. Chen, On a problem of ErdAs. *Ramanujan Journal*, 2013. 30(3): p. 443-446. 数学
- 460、Wang, Y. and X.J. Zhang, On Relative  $n$ -Auslander-Reiten Isomorphisms. *Algebra Colloquium*, 2013. 20(1): p. 59-64. 数学
- 461、Cao, G., Y. Huang, and Y. Song, Convergence of parallel block SSOR multisplitting method for block H-matrix. *Calcolo*, 2013. 50(3): p. 239-253. 数学
- 462、Lu, Z.Y., et al., Convergence Rate of Numerical Solutions for Nonlinear Stochastic Pantograph Equations with Markovian Switching and Jumps. *Abstract and Applied Analysis*, 2013: p. 10. 数学
- 463、Xue, Y.M., N. Bi, and Y. Zhang, Conjugate Symmetric Complex Tight Wavelet Frames with Two Generators. *Numerical Mathematics-Theory Methods and Applications*, 2013. 6(2): p. 353-363. 数学
- 464、Huang, Z.Y. and X.J. Zhang, TRIVIAL MAXIMAL 1-ORTHOGONAL SUBCATEGORIES FOR AUSLANDER 1-GORENSTEIN ALGEBRAS. *Journal of the Australian Mathematical Society*, 2013. 94(1): p. 133-144. 数学
- 465、Ding, J., F.B. Zhang, and G.Z. Feng, Solutions of nonperiodic super quadratic Hamiltonian systems. *Mathematical Methods in the Applied Sciences*, 2013. 36(17): p. 2416-2428. 数学
- 466、Fang, J.H. and Y.G. Chen, Ruzsa's constant on additive functions. *Acta Mathematica Sinica-English Series*, 2013. 29(2): p. 345-354. 数学
- 467、Wang, S.P., et al., Robust FHPD Features from Speech Harmonic Analysis for Speaker Identification. *Applied Mathematics & Information Sciences*, 2013. 7(4): p. 1591-1598. 数学
- 468、Chen, L.F., Y.H. Sun, and Q.L. Yang, Entrained Collective Rhythms of Multicellular Systems: Partial Impulsive Control Strategy. *Abstract and Applied Analysis*, 2013: p. 10. 数学

- 469、Wang, C. and L.W. Liu, Convergence theorems for a generalized Phi-pseudo-contractive type mapping in real normal linear spaces. *Fixed Point Theory and Applications*, 2013: p. 9. 数学
- 470、Cai, X.L., et al., The response of epiphytic microbes to habitat and growth status of *Potamogeton malaianus* Miq. in Lake Taihu. *Journal of Basic Microbiology*, 2013. 53(10): p. 828-837. 微生物学
- 471、Duan, J.Q. and G.S. Zhou, Dynamics of decadal changes in the distribution of double-cropping rice cultivation in China. *Chinese Science Bulletin*, 2013. 58(16): p. 1955-1963. 综合交叉学科
- 472、Zhang, Y.G., et al., Stereochemical determination of a new and cytotoxic euphane triterpenoid from the plant endophytic fungus *Phomopsis chimonanthi*. *Journal of Antibiotics*, 2013. 66(11): p. 679-682. 药理学与毒物学
- 473、Wang, T.C., B.L. Guo, and Q.B. Xu, Fourth-order compact and energy conservative difference schemes for the nonlinear Schrodinger equation in two dimensions. *Journal of Computational Physics*, 2013. 243: p. 382-399. 物理学
- 474、Liu, W.J. and K.W. Chen, The functional variable method for finding exact solutions of some nonlinear time-fractional differential equations. *Pramana-Journal of Physics*, 2013. 81(3): p. 377-384. 物理学
- 475、Cao, G.X., J. Cao, and L.B. Xu, Asymmetric multifractal scaling behavior in the Chinese stock market: Based on asymmetric MF-DFA. *Physica a-Statistical Mechanics and Its Applications*, 2013. 392(4): p. 797-807. 物理学
- 476、Bian, B.R., et al., Novel triple-band polarization-insensitive wide-angle ultra-thin microwave metamaterial absorber. *Journal of Applied Physics*, 2013. 114(19): p. 6. 物理学
- 477、Qiu, Z.F., A simple optical model to estimate suspended particulate matter in Yellow River Estuary. *Optics Express*, 2013. 21(23): p. 27891-27904. 物理学
- 478、Gu, B., et al., Robust Quantum Secure Communication with Spatial Quantum States of Single Photons. *International Journal of Theoretical Physics*, 2013. 52(12): p. 4461-4469. 物理学
- 479、Liang, X.S., The Liang-Kleeman Information Flow: Theory and Applications. *Entropy*, 2013. 15(1): p. 327-360. 物理学
- 480、Liu, W.J., General decay of the solution for a viscoelastic wave equation with a time-varying delay term in the internal feedback. *Journal of Mathematical Physics*, 2013. 54(4): p. 9. 物理学
- 481、Lu, C.N., W.Z. Huang, and E.S. Van Vleck, The cutoff method for the numerical computation of nonnegative solutions of parabolic PDEs with application to anisotropic diffusion and Lubrication-type equations. *Journal of Computational Physics*, 2013. 242: p. 24-36. 物理学
- 482、Liu, Z.H., et al., Quantum secure direct communication with optimal quantum superdense coding by using general four-qubit states. *Quantum Information Processing*, 2013. 12(1): p. 587-599. 物理学
- 483、Wang, H.B., et al., High-Capacity Three-Party Quantum Secret Sharing with Single Photons in Both the Polarization and the Spatial-Mode Degrees of Freedom. *International Journal of Theoretical Physics*, 2013. 52(4): p. 1043-1051. 物理学
- 484、Yang, C.X., Y. Shen, and B.Y. Xia, EVOLUTION OF SHANGHAI STOCK MARKET BASED ON MAXIMAL SPANNING TREES. *Modern Physics Letters B*, 2013. 27(3): p. 19. 物理学
- 485、Hu, S., et al., Research on spatial economic structure for different economic sectors from a perspective of a complex network. *Physica a-Statistical Mechanics and Its Applications*, 2013. 392(17): p. 3682-3697. 物理学

- 486、Yang, J.W., G.S. Cheng, and M. Li, Extraction of Affine Invariant Features Using Fractal. *Advances in Mathematical Physics*, 2013. 2013: p. 8. 物理学
- 487、Zhang, H.F., et al., Analysis of photonic band gap in dispersive properties of tunable three-dimensional photonic crystals doped by magnetized plasma. *Physics of Plasmas*, 2013. 20(3): p. 15. 物理学
- 488、Lei, Y., et al., Reverse leakage mechanism of Schottky barrier diode fabricated on homoepitaxial GaN. *Solid-State Electronics*, 2013. 82: p. 63-66. 物理学
- 489、Bian, B.R., et al., Cylindrical optimized nonmagnetic concentrator with minimized scattering. *Optics Express*, 2013. 21(5): p. A231-A240. 物理学
- 490、Xu, Z.G., S.J. Xie, and P. Mao, Analytical Design of Flux-Switching Hybrid Excitation Machine by a Nonlinear Magnetic Circuit Method. *Ieee Transactions on Magnetics*, 2013. 49(6): p. 3002-3008. 物理学
- 491、Cao, N.W., et al., A method of background noise reduction in lidar data. *Applied Physics B-Lasers and Optics*, 2013. 113(1): p. 115-123. 物理学
- 492、Qiu, Z.F., T.T. Wu, and Y.Y. Su, Retrieval of diffuse attenuation coefficient in the China seas from surface reflectance. *Optics Express*, 2013. 21(13): p. 15287-15297. 物理学
- 493、Zheng, G.G., et al., Metal-insulator-metal waveguide-based band-pass filter with circular ring resonator containing Kerr nonlinear medium. *Optics Communications*, 2013. 305: p. 164-169. 物理学
- 494、Sheng, J.T., J.F. Wang, and M. Xiao, Synchronous control of dual-channel all-optical multistate switching. *Optics Letters*, 2013. 38(24): p. 5369-5372. 物理学
- 495、Yang, C.X., R. Wang, and S. Hu, Modeling and analysis of an agent-based model for Chinese stock market. *Physics Letters A*, 2013. 377(34-36): p. 2041-2046. 物理学
- 496、Xie, A.G., S.R. Xiao, and H.Y. Wu, Mean escape depth of secondary electrons emitted from semiconductors and insulators. *Indian Journal of Physics*, 2013. 87(11): p. 1093-1097. 物理学
- 497、Gao, H.Y., et al., Ground-based airglow imaging interferometer. Part 1: instrument and observation. *Applied Optics*, 2013. 52(36): p. 8650-8660. 物理学
- 498、Wang, X.G., et al., A modified Vicsek model for self-propelled agents with exponential neighbor weight and restricted visual field. *Physica a-Statistical Mechanics and Its Applications*, 2013. 392(10): p. 2398-2405. 物理学
- 499、Shi, L.F., et al., Approximate method of solving solitary-like wave for a class of nonlinear equation. *Acta Physica Sinica*, 2013. 62(1): p. 5. 物理学
- 500、Liang, X.S., Local predictability and information flow in complex dynamical systems. *Physica D-Nonlinear Phenomena*, 2013. 248: p. 1-15. 物理学
- 501、Wang, J.F., et al., Implementation of bright two-color quadripartite continuous-variable entanglement by the quantum optical dimer. *Journal of the Optical Society of America B-Optical Physics*, 2013. 30(8): p. 2130-2135. 物理学
- 502、Xie, A.G., et al., THE FORMULAE FOR PARAMETERS OF THE SECONDARY ELECTRON YIELD OF INSULATORS FROM 10 keV TO 30 keV. *Modern Physics Letters B*, 2013. 27(32): p. 10. 物理学
- 503、Shi, L.F. and J.Q. Mo, Solution of a class of rotational relativistic rotation dynamic equation using the generalized variational iteration theory. *Acta Physica Sinica*, 2013. 62(4): p. 6. 物理学
- 504、Jin, N., et al., Hyperspectral identification of cotton verticillium disease severity. *Optik*, 2013. 124(16): p. 2569-2573. 物理学
- 505、Kong, X.K., et al., Evanescent wave decomposition in a novel resonator comprising

unmagnetized and magnetized plasma layers. *Physics of Plasmas*, 2013. 20(4): p. 6. 物理学

506、Ge, Y.X., et al., Optical fiber sensor for temperature measurement based on Silicon thermo-optics effect. *Optik*, 2013. 124(24): p. 6946-6949. 物理学

507、Li, Q.F. and J.L. Kuo, First-principles study of band gap engineering of ZnO by alloying with LiGaO<sub>2</sub> for ultraviolet applications. *Journal of Applied Physics*, 2013. 114(6): p. 5. 物理学

508、Xian, F.L., et al., Color tunable electroluminescence from Co-doped ZnO nanorods/p-Si heterojunction. *Journal of Luminescence*, 2013. 144: p. 154-157. 物理学

509、Zheng, G.G., et al., Theoretical analysis of performance improvement of thin film solar cells with two-dimensional photonic crystals and distributed Bragg reflector textured structures. *Optics Communications*, 2013. 309: p. 318-322. 物理学

510、Wang, S.Y., et al., Optimization for nonmagnetic concentrator with minimized scattering. *Journal of the Optical Society of America a-Optics Image Science and Vision*, 2013. 30(8): p. 1563-1567. 物理学

511、Shen, X.Y., T. Qing, and X.F. Li, Effects of clouds, sea surface temperature, and its diurnal variation on precipitation efficiency. *Chinese Physics B*, 2013. 22(9): p. 9. 物理学

512、Ma, R., et al., Thermoelectric transport in thin films of three-dimensional topological insulators. *Physical Review B*, 2013. 87(11): p. 8. 物理学

513、Xie, A.G., H.Y. Wu, and J. Xu, Parameters of the secondary electron yield from metal. *Journal of the Korean Physical Society*, 2013. 62(5): p. 725-730. 物理学

514、Ge, Y.X., J.P. Zhou, and X.L. Mao, Miniature fiber pressure sensor based on fiber etching. *Optik*, 2013. 124(1): p. 4-7. 物理学

515、Yu, C.H., et al., Donor-Like Surface Traps on Two-Dimensional Electron Gas and Current Collapse of AlGa<sub>N</sub>/Ga<sub>N</sub> HEMTs. *Scientific World Journal*, 2013: p. 6. 物理学

516、Kong, X.K., et al., A theoretical study of a compact and highly efficient isolator consisting of nonlinear plasma and matching metamaterials. *Laser Physics*, 2013. 23(5): p. 8. 物理学

517、Li, Y.X., et al., Partner switching promotes cooperation among myopic agents on a geographical plane. *Physical Review E*, 2013. 87(2): p. 9. 物理学

518、Xie, A.G., et al., Formula for average energy required to produce a secondary electron in an insulator. *Chinese Physics B*, 2013. 22(5): p. 3. 物理学

519、Dong, M.L., et al., Near-ultraviolet Incoherent Broadband Cavity Enhanced Absorption Spectroscopy for OClO and CH<sub>2</sub>O in Cl-initiated Photooxidation Experiment. *Chinese Journal of Chemical Physics*, 2013. 26(2): p. 133-139. 物理学

520、Yin, L.P. and L. Zhou, Function Based Fault Detection for Uncertain Multivariate Nonlinear Non-Gaussian Stochastic Systems Using Entropy Optimization Principle. *Entropy*, 2013. 15(1): p. 32-52. 物理学

521、Qin, C.C., et al., Coherent Control of Molecular Orientation by a Terahertz Few-Cycle Laser Pulse. *Chinese Physics Letters*, 2013. 30(2): p. 4. 物理学

522、Su, W., G.G. Zheng, and X.Y. Li, A resonance wavelength easy tunable photonic crystal biosensor using surface plasmon resonance effect. *Optik*, 2013. 124(21): p. 5161-5163. 物理学

523、Liu, Z.S., V. Sechovsky, and M. Divis, A new combined quantum simulation approach for nanomagnets. *Physica E-Low-Dimensional Systems & Nanostructures*, 2013. 47: p. 128-133. 物理学

524、Yang, C.H., et al., The nonlinear energy spectrum dependence of the optical conductivity in graphene. *Journal of Applied Physics*, 2013. 114(11): p. 4. 物理学

- 525、Huang, X.Y., et al., The attenuation correction for a 35GHz ground-based cloud radar. *Journal of Infrared and Millimeter Waves*, 2013. 32(4): p. 325-330. 物理学
- 526、Chen, C.Y., et al., Strain reduction and crystal improvement of an InGaN/GaN quantum-well light-emitting diode on patterned Si (110) substrate. *Applied Physics Letters*, 2013. 103(14): p. 4. 物理学
- 527、Xu, L.H., et al., Regulating effect of SiO<sub>2</sub> interlayer on optical properties of ZnO thin films. *Journal of Luminescence*, 2013. 136: p. 307-312. 物理学
- 528、Liu, Z.H., et al., Quantum simultaneous secret distribution with dense coding by using cluster states. *Quantum Information Processing*, 2013. 12(12): p. 3745-3759. 物理学
- 529、Ma, R., Quantum Hall effect in ABA- and ABC-stacked trilayer graphene. *European Physical Journal B*, 2013. 86(1): p. 8. 物理学
- 530、Zheng, G.G., et al., Optical characteristics of subwavelength metallic grating coupled porous film surface plasmon resonance sensor with high sensitivity. *Optik*, 2013. 124(21): p. 4725-4728. 物理学
- 531、Zhao, J.S., et al., Nonlinear interaction and parametric instability of kinetic Alfvén waves in multicomponent plasmas. *Physics of Plasmas*, 2013. 20(3): p. 6. 物理学
- 532、Jiang, X.L., et al., Fabrication of (La<sub>1-x</sub>Gd<sub>x</sub>)<sub>2/3</sub>Sr<sub>1/3</sub>MnO<sub>3</sub> Manganite Perovskite Nanorods by Sonication-Assisted Coprecipitation. *Journal of Superconductivity and Novel Magnetism*, 2013. 26(4): p. 1385-1390. 物理学
- 533、Chang, J.H., et al., Compact and Tunable Mid-IR Light Source Based on a Dual-Wavelength Fiber Laser. *Chinese Physics Letters*, 2013. 30(11): p. 3. 物理学
- 534、Zhang, W., et al., Combined front diffraction and back blazed gratings to enhance broad band light harvesting in thin film solar cells. *Optics Communications*, 2013. 298: p. 250-253. 物理学
- 535、Liu, Z.S., et al., The Application of a New Simulation Approach to Ferrimagnetic Nanowires. *Chinese Physics Letters*, 2013. 30(9): p. 4. 物理学
- 536、Chang, J.H., et al., Mid-IR dual-wavelength difference frequency generation in uniform grating PPLN using index dispersion control. *Chinese Physics B*, 2013. 22(12): p. 4. 物理学
- 537、Peng, J.Y., et al., JOINT REMOTE PREPARATION OF ARBITRARY THREE-QUBIT STATES. *Modern Physics Letters B*, 2013. 27(22): p. 13. 物理学
- 538、Zheng, G.G., et al., Introducing nanoresonators into a metal-dielectric-metal waveguide array to allow beam manipulation. *Journal of Optics*, 2013. 15(5): p. 7. 物理学
- 539、Xie, A.G., M. Lai, and C.Y. Zhang, Formula for the total stopping power from 2 keV to 10 keV for a metal. *Journal of the Korean Physical Society*, 2013. 62(1): p. 127-131. 物理学
- 540、Liu, J.F., et al., Energy-landscape paving for prediction of face-centered-cubic hydrophobic-hydrophilic lattice model proteins. *Physical Review E*, 2013. 88(5): p. 9. 物理学
- 541、Ai, W.H., et al., A new ocean surface wind field retrieval method from C-band airborne synthetic aperture radar. *Acta Physica Sinica*, 2013. 62(6): p. 9. 物理学
- 542、Shi, L.F., X.C. Zhou, and J.Q. Mo, The traveling wave approximate solution for a class of atmospheric wading wave system by generalized variational iteration. *Acta Physica Sinica*, 2013. 62(23): p. 5. 物理学
- 543、Zhou, J.P. and Y.X. Ge, The study of internal cavity optical feedback effect in fiber linear lasers. *Optik*, 2013. 124(4): p. 283-286. 物理学
- 544、Chen, L.J., S.P. Lu, and J.Q. Mo, The periodic orbits of sport model of plasmas particle in the

process of magnetosphere-ionosphere coupling. *Acta Physica Sinica*, 2013. 62(9): p. 4. 物理学

545、Li, Q.F., et al., Pressure-induced half-metallicity in  $\text{Co}_2\text{MnGe}_{0.75}\text{Ga}_{0.25}$ . *Journal of Magnetism and Magnetic Materials*, 2013. 346: p. 192-195. 物理学

546、Zheng, G.G., et al., Plasmonic planar lens based on stack of metal-insulator-metal waveguides with height tuning. *Optik*, 2013. 124(21): p. 4780-4783. 物理学

547、Zhang, L.L., et al., Optimization of the parameters for growth high-quality GaN film by hydride vapor phase epitaxy. *Acta Physica Sinica*, 2013. 62(20): p. 10. 物理学

548、Zheng, G.G., Y.G. Wu, and L.H. Xu, Optical phase front control in a metallic grating with equally spaced alternately tapered slits. *Chinese Physics B*, 2013. 22(10): p. 8. 物理学

549、Chu, Y.L., et al., Diagnosis and application of potential shear deformation wave-activity density in the torrential rain of Typhoon Morokat (2009). *Acta Physica Sinica*, 2013. 62(9): p. 12. 物理学

550、Wei, X.F., et al., Band hybridization effect in InAs/GaSb based quantum wells. *Physics Letters A*, 2013. 377(9): p. 727-730. 物理学

551、Shi, J.K., et al., Antenna cross-polarization correction for spaceborne polarimetric microwave correlation radiometer (I): Derivation of the antenna temperature equation. *Acta Physica Sinica*, 2013. 62(7): p. 11. 物理学

552、Yan, G.H., et al., A method of abrupt change process analysis based on Logistic model and its applications. *Acta Physica Sinica*, 2013. 62(7): p. 9. 物理学

553、Bu, L.B., et al., A cloud droplet probe based on forward scattering. *Optik*, 2013. 124(22): p. 5878-5881. 物理学

554、Lin, W.T., et al., Vibrating approximate solution for a class of El Nino-southern coupled oscillation dynamic model. *Acta Physica Sinica*, 2013. 62(14): p. 5. 物理学

555、Zhao, Q.H. and J.H. Sun, The variation features of the surface mixed layer depth in Erhai Lake and Taihu Lake in spring and autumn and their mechanism analyses. *Acta Physica Sinica*, 2013. 62(3): p. 9. 物理学

556、Chen, L.J. and S.P. Lu, The problem of periodic solution of nonlinear model in zero-dimensional climate system. *Acta Physica Sinica*, 2013. 62(20): p. 4. 物理学

557、Wang, J.G., et al., The influence of snow grain size on snow bidirectional reflectance. *Journal of Infrared and Millimeter Waves*, 2013. 32(3): p. 283-288. 物理学

558、Ma, R., THERMOELECTRIC TRANSPORT PROPERTIES IN TRILAYER GRAPHENE SYSTEMS. *International Journal of Modern Physics B*, 2013. 27(7): p. 9. 物理学

559、Huang, C.C., et al., Suspended particle matter and chlorophyll-a universal bio-optical retrieval model. *Journal of Infrared and Millimeter Waves*, 2013. 32(5): p. 462-467. 物理学

560、Zhou, K., H. Li, and Z. Wang, Plastic Deformation of Nanocrystalline Zinc Investigated by Positron Annihilation Lifetime Spectroscopy. *Chinese Physics Letters*, 2013. 30(5): p. 4. 物理学

561、Ma, R., Layer stacking dependence on thermoelectric properties of massive Dirac fermions in bilayer graphene. *European Physical Journal B*, 2013. 86(4): p. 6. 物理学

562、Zheng, G.G., et al., Fabrication and application of high aspect ratio metallic gratings for sensing in the mid-infrared region. *Journal of Infrared and Millimeter Waves*, 2013. 32(2): p. 154-159. 物理学

563、Tian, H.Y., et al., Disorder effect on the integer quantum Hall effect in trilayer graphene. *Journal of Physics-Condensed Matter*, 2013. 25(49): p. 7. 物理学

564、Su, W., G.G. Zheng, and X.Y. Li, Beam focusing with a wide range of focal length from a single



- slit surrounded by Ag-SiO<sub>2</sub>-Ag multilayer gratings. *Optics Communications*, 2013. 296: p. 57-60.  
物理学
- 565、Chen, Y.Y., et al., Arc plasma's electron number density diagnosis by the measurement of the refractive index. *Optics Communications*, 2013. 291: p. 15-18. 物理学
- 566、Zhang, C.Z., H. Cao, and Z.B. Guo, THEORETICAL STUDY OF MACROSCOPIC OPTICAL NONLINEARITIES OF "PARALLEL CONNECTION" CHROMOPHORES CONTAINING PNA UNITS. *Journal of Nonlinear Optical Physics & Materials*, 2013. 22(2): p. 14. 物理学
- 567、Luo, M.X., et al., Random quantum evolution. *Quantum Information Processing*, 2013. 12(10): p. 3353-3367. 物理学
- 568、Ouyang, C., et al., Perturbation method of travelling wave solution for (2+1) dimensional disturbed time delay breaking solitary wave equation. *Acta Physica Sinica*, 2013. 62(17): p. 5. 物理学
- 569、Cao, T.D., Competition Between Superconductivity and Spin Density Wave. *Journal of Superconductivity and Novel Magnetism*, 2013. 26(2): p. 297-301. 物理学
- 570、Chen, Y.Y., et al., Comparing the equivalent particle number density distribution of gas and plasma flow fields. *Applied Optics*, 2013. 52(12): p. 2653-2658. 物理学
- 571、Lu, W., et al., Antenna cross-polarization correction for spaceborne polarimetric microwave correlation radiometer (II): Correction experiment. *Acta Physica Sinica*, 2013. 62(7): p. 13. 物理学
- 572、Qin, B.Q., et al., Lake eutrophication and its ecosystem response. *Chinese Science Bulletin*, 2013. 58(9): p. 961-970. 植物学与动物学
- 573、Shao, G.C., et al., Photosynthesis and growth of winter wheat in response to waterlogging at different growth stages. *Photosynthetica*, 2013. 51(3): p. 429-437. 植物学与动物学
- 574、Liu, J., et al., Pre-classification improves relationships between water clarity, light attenuation, and suspended particulates in turbid inland waters. *Hydrobiologia*, 2013. 711(1): p. 71-86. 植物学与动物学
- 575、Hu, Z., et al., Chlorophyll content and photosystem II efficiency in soybean exposed to supplemental ultraviolet-B radiation. *Photosynthetica*, 2013. 51(1): p. 151-157. 植物学与动物学
- 576、Zhang, Y.H., R.Y. Li, and Y.L. Wang, Night-time warming affects N and P dynamics and productivity of winter wheat plants. *Canadian Journal of Plant Science*, 2013. 93(3): p. 397-406. 植物学与动物学
- 577、Zhang, Y.H., et al., Effect of elevated UV-B radiation on CH<sub>4</sub> emissions from the stands of *Spartina alterniflora* and *Phragmites australis* in a coastal salt marsh. *Aquatic Botany*, 2013. 111: p. 150-156. 植物学与动物学
- 578、Gong, C.F., et al., Determining socioeconomic drivers of urban forest fragmentation with historical remote sensing images. *Landscape and Urban Planning*, 2013. 117: p. 57-65. 社会科学总论
- 579、Gong, C.F., J.Q. Chen, and S.X. Yu, Biotic homogenization and differentiation of the flora in artificial and near-natural habitats across urban green spaces. *Landscape and Urban Planning*, 2013. 120: p. 158-169. 社会科学总论
- 580、Li, B.B., et al., The spatial and temporal change of cropland in the Scandinavian Peninsula during 1875-1999. *Regional Environmental Change*, 2013. 13(6): p. 1325-1336. 社会科学总论
- 581、Tian, L., J.Q. Chen, and S.X. Yu, How has Shenzhen been heated up during the rapid urban

build-up process? *Landscape and Urban Planning*, 2013. 115: p. 18-29. 社会科学总论

582、Ding, L.G., et al., THE "TWIN-CME" SCENARIO AND LARGE SOLAR ENERGETIC PARTICLE EVENTS IN SOLAR CYCLE 23. *Astrophysical Journal*, 2013. 763(1): p. 17. 空间学科

583、Wang, H., et al., Analysis of precipitable water vapor from GPS measurements in Chengdu region: Distribution and evolution characteristics in autumn. *Advances in Space Research*, 2013. 52(4): p. 656-667. 空间学科

584、Shen, C., et al., COMPOUND TWIN CORONAL MASS EJECTIONS IN THE 2012 MAY 17 GLE EVENT. *Astrophysical Journal*, 2013. 763(2): p. 8. 空间学科

585、Lu, J.Y., et al., The IMF dependence of the magnetopause from global MHD simulations. *Journal of Geophysical Research-Space Physics*, 2013. 118(6): p. 3113-3125. 空间学科

586、Le, G.M., et al., Solar cycle distribution of major geomagnetic storms. *Research in Astronomy and Astrophysics*, 2013. 13(6): p. 739-748. 空间学科

587、Lu, J.Y., et al., Energy transfer across the magnetopause for northward and southward interplanetary magnetic fields. *Journal of Geophysical Research-Space Physics*, 2013. 118(5): p. 2021-2033. 空间学科

588、Zhao, J.S., D.J. Wu, and J.Y. Lu, KINETIC ALFVEN TURBULENCE AND PARALLEL ELECTRIC FIELDS IN FLARE LOOPS. *Astrophysical Journal*, 2013. 767(2): p. 5. 空间学科

589、Wang, C., et al., Simultaneous observations of plasmaspheric and ionospheric variations during magnetic storms in 2011: First result from Chinese Meridian Project. *Journal of Geophysical Research-Space Physics*, 2013. 118(1): p. 99-104. 空间学科

590、Li, D., Z.J. Ning, and J.F. Wang, Statistical study of UV bright points and magnetic elements from SDO observations. *New Astronomy*, 2013. 23-24: p. 19-26. 空间学科

591、Le, G.M., et al., The properties of solar active regions responsible for ground level enhancements during solar cycles 22 and 23. *Research in Astronomy and Astrophysics*, 2013. 13(10): p. 1219-1224. 空间学科

592、Zhou, T.H., et al., The contracting and unshearing motion of flare loops in the X 7.1 flare on 2005 January 20 during its rising phase. *Research in Astronomy and Astrophysics*, 2013. 13(5): p. 526-536. 空间学科

593、Zhang, Q.M., et al., Plasma transport between the ionosphere and plasmasphere in response to solar wind dynamic pressure pulsation. *Chinese Science Bulletin*, 2013. 58(33): p. 4126-4132. 空间学科