

2014 年 SCI、SSCI、A&HCI 汇总目录

1. Zhou, W.; Kou, J. S., Third-Order Newton-Type Methods Combined with Vector Extrapolation for Solving Nonlinear Systems. *Abstract and Applied Analysis* **2014**.
2. Zhang, Q. F., A Study on the Optimal Proportions of Flag and Fly Ash in Green Concrete. In *Computer-Aided Design, Manufacturing, Modeling and Simulation Iii*, Ma, M.; Qu, X., Eds. 2014; Vol. 443, pp 247-252.
3. Yu, J. F.; Gao, X. B.; Tao, D. C.; Li, X. L.; Zhang, K. B., A Unified Learning Framework for Single Image Super-Resolution. *Ieee Transactions on Neural Networks and Learning Systems* **2014**, 25 (4), 780-792.
4. Yu, H. Q.; Xiong, L. B.; Chen, Z. H.; Li, Q. G.; Yi, X. N.; Ding, Y.; Wang, F.; Lv, H.; Ding, Y. M., Solution concentration and refractive index sensing based on polymer microfiber knot resonator. *Applied Physics Express* **2014**, 7 (2).
5. Yu, H. Q.; Xiong, L. B.; Chen, Z. H.; Li, Q. G.; Yi, X. N.; Ding, Y.; Wang, F.; Lv, H.; Ding, Y. M., Ultracompact and high sensitive refractive index sensor based on Mach-Zehnder interferometer. *Optics and Lasers in Engineering* **2014**, 56, 50-53.
6. Yi, X. N.; Ling, X. H.; Zhang, Z. Y.; Li, Y.; Zhou, X. X.; Liu, Y. C.; Chen, S. Z.; Luo, H. L.; Wen, S. C., Generation of cylindrical vector vortex beams by two cascaded metasurfaces. *Optics Express* **2014**, 22 (14), 17207-17215.
7. Yi, X. N.; Li, Y.; Liu, Y. C.; Ling, X. H.; Zhang, Z. Y.; Luo, H. L., Generation of cylindrical vector beams based on metasurface. *Acta Physica Sinica* **2014**, 63 (9).
8. Yang, Z. J., Green and building energy efficiency. In *Civil, Structural and Environmental Engineering, Pts 1-4*, Zhang, X.; Zhang, B.; Jiang, L.; Xie, M., Eds. 2014; Vol. 838-841, pp 2860-2864.
9. Yang, H. P.; Yang, S. H.; Tang, M. T.; Li, B. H., The Electrosynthesis of Tantalum Ethoxide. *Electrochemistry* **2014**, 82 (9), 743-748.
10. Yang, H. P.; Tang, M. T.; Li, B. H., Corrosion Study on Tantalum in Anhydrous Ethanol. *Chinese Journal of Chemical Physics* **2014**, 27 (4), 491-496.
11. Xu, J. C.; Zhu, L. M.; Wang, Q. S.; Zeng, L. T.; Hu, X. C.; Fu, B. Q.; Sun, Z., meso-C6F5 substituted BODIPYs with distinctive spectroscopic properties and their application for bioimaging in living cells. *Tetrahedron* **2014**, 70 (35), 5800-5805.
12. Wang, Z. H.; Yan, Y. B.; Jiang, Y. Y.; Li, W.; Hu, X. C.; Fu, B. Q.; Xia, C. F.; Qin, C. Q., Effect of orally administered hydroxypropyl chitosan on the levels of iron, copper, zinc and calcium in mice. *International Journal of Biological Macromolecules* **2014**, 64, 25-29.
13. Wang, Z.; Liu, Y. S.; Wang, G. W., Belief propagation algorithms for finding the probable configurations over factor graph models. *Knowledge and Information Systems* **2014**, 39 (2), 265-285.
14. Wang, X. H.; Shi, D. Y.; Kou, J. S., Convergence analysis for a family of improved super-Halley methods under general convergence condition. *Numerical Algorithms* **2014**, 65 (2), 339-354.
15. Wang, X. H.; Kou, J. S., Convergence for a family of modified Chebyshev methods under weak condition. *Numerical Algorithms* **2014**, 66 (1), 33-48.
16. Wang, X. H.; Kou, J. S., Analysis of Convergence for Improved Chebyshev-Halley Methods Under Different Conditions. *Journal of Optimization Theory and Applications* **2014**, 162 (3), 920-930.
17. Wang, L. S.; Cheng, S. X.; Zhuo, R. X., Syntheses and properties of novel copolymers of polycaprolactone and aliphatic polycarbonate based on ketal-protected dihydroxyacetone. *Polymer*

Bulletin **2014**, 71 (1), 47-56.

18. Tan, J.; Liu, W.; Wang, M. L., Light environment research in the patio of college teaching building-Tiangong building in Hubei Engineering College for example. In *Sustainable Development of Urban and Rural Areas*, 2014; Vol. 507, pp 115-118.
19. Pan, J. S.; Hu, H. P.; Liu, Y., Human behavior during Flash Crowd in web surfing. *Physica a-Statistical Mechanics and Its Applications* **2014**, 413, 212-219.
20. Ma, J. J.; Liu, Q. M.; Chen, D. D.; Zhou, Y.; Wen, S., Carbon dioxide adsorption using amine-functionalized mesocellular siliceous foams. *Journal of Materials Science* **2014**, 49 (21), 7585-7596.
21. Ma, J. J.; Liu, Q. M.; Chen, D. D.; Wen, S.; Wang, T. H., CO₂ adsorption on amine-modified mesoporous silicas. *Journal of Porous Materials* **2014**, 21 (5), 859-867.
22. Lu, D. F.; Xiao, J. H., Existence and multiplicity results for a coupled system of Kirchhoff type equations. *Electronic Journal of Qualitative Theory of Differential Equations* **2014**, (6), 1-10.
23. Lu, D. F.; Wu, Q. H., Existence results for nonlinear Schrodinger systems with electromagnetic fields in R-N. *Complex Variables and Elliptic Equations* **2014**, 59 (2), 247-261.
24. Lu, D. F.; Liu, Q., Multiplicity of solutions for a class of quasilinear Schrodinger systems in R-N. *Computers & Mathematics with Applications* **2014**, 66 (12), 2532-2544.
25. Lu, D. F., Existence and multiplicity results for critical growth polyharmonic elliptic systems. *Mathematical Methods in the Applied Sciences* **2014**, 37 (4), 581-596.
26. Lu, D. F., A note on Kirchhoff-type equations with Hartree-type nonlinearities. *Nonlinear Analysis-Theory Methods & Applications* **2014**, 99, 35-48.
27. Liu, H.; Wang, J.; Wen, S.; Dong, L. J.; Xiong, C. X.; Yao, J. L., Morphological, Thermal, and Mechanical Properties of Poly(vinyl chloride)/Acrylonitrile Butadiene Rubber Blend Using CuSO₄ center dot 5H₂O as Cross-Linking Agent. *Polymer Engineering and Science* **2014**, 54 (8), 1864-1870.
28. Li, Q. G.; Zhu, R. S.; Lu, J. J.; Zhang, X.; Tang, B. F., Vibrational excitations in chloromethyl radical formed by the photodissociation of chlorobromomethane. *Journal of Chemical Physics* **2014**, 140 (3).
29. Li, Q. G.; Tong, X. M.; Morishita, T.; Wei, H.; Lin, C. D., Fine structures in the intensity dependence of excitation and ionization probabilities of hydrogen atoms in intense 800-nm laser pulses. *Physical Review A* **2014**, 89 (2).
30. Li, Q. G.; Tong, X. M.; Morishita, T.; Jin, C.; Wei, H.; Lin, C. D., Rydberg states in the strong field ionization of hydrogen by 800, 1200 and 1600 nm lasers. *Journal of Physics B-Atomic Molecular and Optical Physics* **2014**, 47 (20).
31. Li, Q. G.; Chen, H.; Zhang, X.; Yi, X. N., All optical method for measuring the carrier envelope phase from half-cycle cutoffs. *Chinese Physics B* **2014**, 23 (7).
32. Li, J. P.; Ding, Y. M.; Xiong, Z. G.; Liu, S. Y., An Improved Biometric-Based User Authentication Scheme for C/S System. *International Journal of Distributed Sensor Networks* **2014**.
33. Li, D. F.; Liu, P.; Kou, J. S., An improvement of Chebyshev-Halley methods free from second derivative. *Applied Mathematics and Computation* **2014**, 235, 221-225.
34. Kou, J. S.; Sun, S. Y., An adaptive finite element method for simulating surface tension with the gradient theory of fluid interfaces. *Journal of Computational and Applied Mathematics* **2014**, 255, 593-604.
35. Kou, J. S.; Sun, S. Y., Analysis of a combined mixed finite element and discontinuous Galerkin method for incompressible two-phase flow in porous media. *Mathematical Methods in the Applied*

Sciences **2014**, 37 (7), 962-982.

36. Kou, J. S.; Sun, S. Y., Upwind Discontinuous Galerkin Methods with Mass Conservation of Both Phases for Incompressible Two-Phase Flow in Porous Media. *Numerical Methods for Partial Differential Equations* **2014**, 30 (5), 1674-1699.
37. Jiang, H.; Fen, J. P.; Du, Z. X.; Zhen, H.; Lin, M.; Jia, S. H.; Li, T.; Huan, X. Y.; Ostenson, C. G.; Chen, Z. W., Oral administration of soybean peptide Vglycin normalizes fasting glucose and restores impaired pancreatic function in Type 2 diabetic Wistar rats. *Journal of Nutritional Biochemistry* **2014**, 25 (9), 954-963.
38. Hu, Z. B.; Xiong, S. W.; Wang, X. H.; Su, Q. H.; Liu, M. F.; Chen, Z., Subspace Clustering Mutation Operator for Developing Convergent Differential Evolution Algorithm. *Mathematical Problems in Engineering* **2014**.
39. Hu, Z. B.; Xiong, S. W.; Su, Q. H.; Fang, Z. X., Finite Markov chain analysis of classical differential evolution algorithm. *Journal of Computational and Applied Mathematics* **2014**, 268, 121-134.
40. Hu, Z. B.; Xiong, S. W.; Fang, Z. X.; Su, Q. H., A Convergent Differential Evolution Algorithm with Hidden Adaptation Selection for Engineering Optimization. *Mathematical Problems in Engineering* **2014**.
41. Hu, L. J.; Zhao, P. K.; Deng, H. B.; Xiao, L.; Qin, C. Q.; Du, Y. M.; Shi, X. W., Electrical signal guided click coating of chitosan hydrogel on conductive surface. *Rsc Advances* **2014**, 4 (26), 13477-13480.
42. Hao, H. B.; Su, C., Bivariate Nonlinear Diffusion Degradation Process Modeling via Copula and MCMC. *Mathematical Problems in Engineering* **2014**.
43. Hao, H. B.; Su, C., A Bayesian Framework for Reliability Assessment via Wiener Process and MCMC. *Mathematical Problems in Engineering* **2014**.
44. Gong, W.; Ma, X.; Dong, Y. N.; Lin, H.; Li, J., The use of 1572 nm Mie LiDAR for observation of the optical properties of aerosols over Wuhan, China. *Optics and Laser Technology* **2014**, 56, 52-57.
45. Gong, C. L.; Xue, Z. G.; Wang, X. E.; Zhou, X. P.; Xie, X. L.; Mai, Y. W., Poly(ethylene glycol) grafted multi-walled carbon nanotubes/LiFePO₄ composite cathodes for lithium ion batteries. *Journal of Power Sources* **2014**, 246, 260-268.
46. Ge, Y. S.; Jin, C.; Song, Z.; Zhang, J. Q.; Jiang, F. L.; Liu, Y., Multi-spectroscopic analysis and molecular modeling on the interaction of curcumin and its derivatives with human serum albumin: A comparative study. *Spectrochimica Acta Part a-Molecular and Biomolecular Spectroscopy* **2014**, 124, 265-276.
47. Fu, B. Z.; Zhang, Z. H.; Wang, L. H.; Li, G. Y.; Zhang, J. Z.; Zhang, Y., First Report of Leaf Spot Caused by *Alternaria alternata* on Chinese Dwarf Banana in China. *Plant Disease* **2014**, 98 (5), 691-691.
48. Ding, T.; Chen, G. X.; Li, Y. M.; Yang, H. J.; He, Q. D., Arc erosive characteristics of a carbon strip sliding against a copper contact wire in a high-speed electrified railway. *Tribology International* **2014**, 79, 8-15.