

2015 年数学领域中国作者发表的高被引研究论文 Top 10

1. Liu, Yan-Jun; Tong, Shaocheng. Adaptive fuzzy control for a class of unknown nonlinear dynamical systems. **FUZZY SETS AND SYSTEMS**. 2015, 263, 49-70.
发表期刊的影响因子：2.098 (JCR2015); 该文章在 2016 年被引用次数：45;
DOI: [10.1016/j.fss.2014.08.008](https://doi.org/10.1016/j.fss.2014.08.008)
2. Li, Jing; Li, Shengjun; Zhang, Ziheng. Periodic solutions for a singular damped differential equation. **BOUNDARY VALUE PROBLEMS**. 2015.
发表期刊的影响因子：0.642 (JCR2015); 该文章在 2016 年被引用次数：45;
DOI: [10.1186/s13661-014-0269-1](https://doi.org/10.1186/s13661-014-0269-1)
3. Tian, Wenyi; Zhou, Han; Deng, Weihua. A CLASS OF SECOND ORDER DIFFERENCE APPROXIMATIONS FOR SOLVING SPACE FRACTIONAL DIFFUSION EQUATIONS. **MATHEMATICS OF COMPUTATION**. 2015, 84(294), 1703-1727.
发表期刊的影响因子：1.464 (JCR2015); 该文章在 2016 年被引用次数：21
4. Lu, Xing; Lin, Fuhong; Qi, Fenghua. Analytical study on a two-dimensional Korteweg-de Vries model with bilinear representation, Backlund transformation and soliton solutions. **APPLIED MATHEMATICAL MODELLING**. 2015, 39(12), 3221-3226.
发表期刊的影响因子：2.291 (JCR2015); 该文章在 2016 年被引用次数：21;
DOI: [10.1016/j.apm.2014.10.046](https://doi.org/10.1016/j.apm.2014.10.046)
5. Tang XianHua. Non-Nehari manifold method for asymptotically periodic Schrodinger equations. **SCIENCE CHINA-MATHEMATICS**. 2015, 58(4), 715-728.
发表期刊的影响因子：0.761 (JCR2015); 该文章在 2016 年被引用次数：20;
DOI: [10.1007/s11425-014-4957-1](https://doi.org/10.1007/s11425-014-4957-1)
6. Zhang, Ziye; Lin, Chong; Chen, Bing. New stability and stabilization conditions for T-S fuzzy systems with time delay. **FUZZY SETS AND SYSTEMS**. 2015, 263, 82-91.
发表期刊的影响因子：2.098 (JCR2015); 该文章在 2016 年被引用次数：20;
DOI: [10.1016/j.fss.2014.09.012](https://doi.org/10.1016/j.fss.2014.09.012)
7. Dai, Chao-Qing; Xu, Yun-Jie. Exact solutions for a Wick-type stochastic reaction Duffing equation. **APPLIED MATHEMATICAL MODELLING**. 2015, 39(23), 7420-7426.

发表期刊的影响因子：2.291 (JCR2015); 该文章在 2016 年被引用次数：19;

DOI: [10.1016/j.apm.2015.03.019](https://doi.org/10.1016/j.apm.2015.03.019)

8. Xie, Xiang-Peng; Liu, Zhen-Wei; Zhu, Xun-Lin. An efficient approach for reducing the conservatism of LMI-based stability conditions for continuous-time T-S fuzzy systems. **FUZZY SETS AND SYSTEMS**. 2015, 263, 71-81.

发表期刊的影响因子：2.098 (JCR2015); 该文章在 2016 年被引用次数：19;

DOI: [10.1016/j.fss.2014.05.020](https://doi.org/10.1016/j.fss.2014.05.020)

9. Zhang, L. W.; Lei, Z. X.; Liew, K. M.. Computation of vibration solution for functionally graded carbon nanotube-reinforced composite thick plates resting on elastic foundations using the element-free IMLS-Ritz method. **APPLIED MATHEMATICS AND COMPUTATION**. 2015, 256, 488-504.

发表期刊的影响因子：1.345 (JCR2015); 该文章在 2016 年被引用次数：18;

DOI: [10.1016/j.amc.2015.01.066](https://doi.org/10.1016/j.amc.2015.01.066)

10. Lou, S. Y.. Consistent Riccati Expansion for Integrable Systems. **STUDIES IN APPLIED MATHEMATICS**. 2015, 134(3), 372-402.

发表期刊的影响因子：1.364 (JCR2015); 该文章在 2016 年被引用次数：17;

DOI: [10.1111/sapm.12072](https://doi.org/10.1111/sapm.12072)