

2015 年农林科学领域中国作者发表的高被引研究论文 Top 10

1. Liu, Xing-Hai; Xu, Xiao-Yan; Tan, Cheng-Xia; Weng, Jian-Quan; Xin, Jia-Hua; Chen, Jie. Synthesis, crystal structure, herbicidal activities and 3D-QSAR study of some novel 1,2,4-triazolo[4,3-a]pyridine derivatives. **PEST MANAGEMENT SCIENCE**. 2015, 71(2), 292-301.
发表期刊的影响因子：2.811 (JCR2015); 该文章在 2016 年被引用次数：20;
DOI: [10.1002/ps.3804](https://doi.org/10.1002/ps.3804)
2. Shao, Xingfeng; Cao, Baoying; Xu, Feng; Xie, Shuhui; Yu, Dandan; Wang, Hongfei. Effect of postharvest application of chitosan combined with clove oil against citrus green mold. **POSTHARVEST BIOLOGY AND TECHNOLOGY**. 2015, 99, 37-43.
发表期刊的影响因子：2.618 (JCR2015); 该文章在 2016 年被引用次数：16;
DOI: [10.1016/j.postharvbio.2014.07.014](https://doi.org/10.1016/j.postharvbio.2014.07.014)
3. Song, Linsheng; Wang, Lingling; Zhang, Huan; Wang, Mengqiang. The immune system and its modulation mechanism in scallop. **FISH & SHELLFISH IMMUNOLOGY**. 2015, 46(1), 65-78.
发表期刊的影响因子：3.025 (JCR2015); 该文章在 2016 年被引用次数：16;
DOI: [10.1016/j.fsi.2015.03.013](https://doi.org/10.1016/j.fsi.2015.03.013)
4. Liao, Wenzhen; Luo, Zhen; Liu, Dan; Ning, Zhengxiang; Yang, Jiguo; Ren, Jiaoyan. Structure Characterization of a Novel Polysaccharide from Dictyophora indusiata and Its Macrophage Immunomodulatory Activities. **JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY**. 2015, 63(2), 535-544.
发表期刊的影响因子：2.857 (JCR2015); 该文章在 2016 年被引用次数：15;
DOI: [10.1021/jf504677r](https://doi.org/10.1021/jf504677r)
5. Yan, X.; Cai, Y. L.. MULTI-SCALE ANTHROPOGENIC DRIVING FORCES OF KARST ROCKY DESERTIFICATION IN SOUTHWEST CHINA. **LAND DEGRADATION & DEVELOPMENT**. 2015, 26(2), 193-200.
发表期刊的影响因子：8.145 (JCR2015); 该文章在 2016 年被引用次数：15;
DOI: [10.1002/ldr.2209](https://doi.org/10.1002/ldr.2209)
6. Wang, Jun-Li; Meng, Xiao-lin; Lu, Rong-hua; Wu, Chun; Luo, Yan-Ting; Yan, Xiao; Li, Xue-Jun; Kong, Xiang-Hui; Nie, Guo-Xing. Effects of Rehmannia glutinosa on growth performance, immunological parameters and disease resistance to Aeromonas hydrophila in common carp (Cyprinus carpio L.). **AQUACULTURE**. 2015, 435, 293-300.

发表期刊的影响因子：1.893 (JCR2015); 该文章在 2016 年被引用次数：14;

DOI: [10.1016/j.aquaculture.2014.10.004](https://doi.org/10.1016/j.aquaculture.2014.10.004)

7. Huang, Youhua; Huang, Xiaohong; Cai, Jia; OuYang, Zhengliang; Wei, Shina; Wei, Jingguang; Qin, Qiwei. Identification of orange-spotted grouper (*Epinephelus coioides*) interferon regulatory factor 3 involved in antiviral immune response against fish RNA virus. **FISH & SHELLFISH IMMUNOLOGY**. 2015, 42(2), 345-352.

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DOI: [10.1016/j.fsi.2014.11.025](https://doi.org/10.1016/j.fsi.2014.11.025)

8. Xu, Yali; Niu, Xiaoying; Zhang, Haijuan; Xu, Laifang; Zhao, Shengguo; Chen, Hongli; Chen, Xingguo. Switch-on Fluorescence Sensing of Glutathione in Food Samples Based on a Graphitic Carbon Nitride Quantum Dot (g-CNQD)-Hg²⁺ Chemosensor. **JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY**. 2015, 63(6), 1747-1755.

发表期刊的影响因子：2.857 (JCR2015); 该文章在 2016 年被引用次数：14;

DOI: [10.1021/jf505759z](https://doi.org/10.1021/jf505759z)

9. Xu, Yan; Zhang, Min; Wu, Tao; Dai, ShengDong; Xu, Jinling; Zhou, Zhongkai. The anti-obesity effect of green tea polysaccharides, polyphenols and caffeine in rats fed with a high-fat diet. **FOOD & FUNCTION**. 2015, 6(1), 297-304.

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DOI: [10.1039/c4fo00970c](https://doi.org/10.1039/c4fo00970c)

10. Huang, Yuxiang; Ma, Erni; Zhao, Guangjie. Thermal and structure analysis on reaction mechanisms during the preparation of activated carbon fibers by KOH activation from liquefied wood-based fibers. **INDUSTRIAL CROPS AND PRODUCTS**. 2015, 69, 447-455.

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