

2015 年度发表论文目录

序号	论文题目	作 者	期刊及年卷页
1	A genetically encoded FRET sensor for intracellular Heme	Yanqun Song, Maiyun Yang, Seraphine V. Wegner, Jingyi Zhao, Rongfeng Zhu, Yun Wu, Chuan He, Peng Chen*	<i>ACS Chem. Biol.</i> 2015 , 10, 1610-1615
2	Illuminating biological processes through site-specific protein labeling	Gong Zhang, Siqi Zheng, Haiping Liu and Peng Chen*	<i>Chem. Soc. Rev.</i> 2015 , 44, 3405-17.
3	Protein-Specific Imaging of O-GlcNAcylation in Single Cells	Wei Lin, Ling Gao, and Xing Chen*	<i>Chem. Bio. Chem.</i> 2015 , 16, 2571-2575.
4	Protein-Specific Imaging of Posttranslational Modifications	Wei Lin, Ling Gao and Xing Chen*	<i>Opin. Chem. Biol.</i> 2015 , 28, 156-163.
5	Dynamic Sialylation in Transforming Growth Factor- β -Induced Epithelial to Mesenchymal Transition	Jun Du, Senlian Hong, Lu Dong, Bo Cheng, Liang Lin, Bing Zhao, Ye-Guang Chen, and Xing Chen*	<i>J. Biol. Chem.</i> 2015 , 290, 12000-12013.
6	Carbon Nanotube-Assisted Optical Activation of TGF- β Signaling by Near-Infrared Light	Liang Lin, Ling Liu, Bing Zhao, Ran Xie, Wei Lin, He Li, Yaya Li, Minlong Shi, Ye-Guang Chen, Timothy A. Springer and Xing Chen*	<i>Nature Nanotech.</i> 2015 , 10, 465-471.
7	Live-Cell Bioorthogonal Raman Imaging	Senlian Hong, Liang Lin, Min Xiao and Xing Chen*	<i>Chem. Biol.</i> 2015 , 24, 91-96.
8	Release of the Water Molecule Encapsulated Inside an Open-Cage Fullerene through Hydrogen Bonding Mediated by Hydrogen Fluoride	Liang Xu, Hongjiang Ren, Sisi Liang, Jiahao Sun, Yajun Liu, Liangbing Gan	<i>Chem. Eur. J.</i> 2015 , 21, 13539-13543.
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10	Synthesis and Chemical Reactivity of Tetrahydro[60]fullerene Epoxides with Both Amino and Aryl Addends	Sisi Liang, Liang Xu, Liangbing Gan	<i>J. Org. Chem.</i> 2015 , 80, 3957-3964.
11	<i>N</i> -fluorobenzenesulfonimide based functionalization of C60	Yanbang Li, Ning Lou, Liangbing Gan	<i>Org. Lett.</i> 2015 , 17, 524-527.
12	Peroxide mediated selective cleavage of [60]fullerene skeleton bonds: towards the	Liangbing Gan	<i>Chem. Rec.</i> 2015 , 15, 189-198.

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13	Meclofenamic acid selectively inhibits FTO demethylation of m6A over ALKBH5	Yue Huang, , Jingli Yan,, Qi Li, Jiafei Li, Shouzhe Gong, Hu Zhou, Jianhua Gan, Hualiang Jiang, Gui-Fang Jia*, Cheng Luo, and Cai-Guang Yang*	<i>Nucleic Acids Res.</i> , 2015 , 43, 373-84.
14	Chiral Boron Complex-Promoted Asymmetric Diels-Alder Cycloaddition and Its Application in Natural Product Synthesis	Xia Li, Jianguang Han, Alexander X. Jones, Xiaoguang Lei*	<i>J. Org. Chem.</i> 2015 , 81, 458-468.
15	Using Small Molecules to Dissect Non-apoptotic Programmed Cell Death	Ting Dong, Daohong Liao, Xiaohui Liu and Xiaoguang Lei*	<i>ChemBioChem</i> 2015 , 16, 2557-2561.
16	Second-Generation TQ-Ligation for Cell Organelle Imaging	Xiaoyun Zhang, Ting Dong, Qiang Li, Xiaohui Liu, Lin Li, She Chen, and Xiaoguang Lei*	<i>ACS Chem. Biol.</i> 2015 , 10, 1676-1683.
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18	Total Syntheses of (-)-Huperzine Q and (+)-Lycopladines B and C	Benke Hong, Houhua Li, Jinbao Wu, Jing Zhang, and Xiaoguang Lei*	<i>Angew. Chem. Int. Ed.</i> 2015 , 54, 1011-1015.
19	Automatic Enumeration of Gold Nanomaterials at Single Particle Level	Xiao Xu, tian Li, Zhongxing Xu, Hejia Wei, Ruoyun Lin, Bin Xia, Feng Liu, Na Li*	<i>Anal. Chem.</i> 2015 , 87, 2576-2581.
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21	A Simple Approach to Study the Conformational Switching of i-motif DNA by Fluorescence Anisotropy	Hongduan Huang, Xinying Hong, Feng Liu, Na Li*	<i>Analyst</i> , 2015 , 140, 5987-5991.
22	Integrating Dye-Intercalated DNA Dendrimers with Electrospun Nanofibers: a New Fluorescent Sensing Platform for Nucleic Acids, Proteins, and Cells	Huaming Wang, Wei Tang, Hejia Wei, Yan Zhao, Shichao Hu, Yan Guan, Wei Pan, Bin Xia, Na Li and Feng Liu*	<i>J. Mater. Chem. B</i> 2015 , 3, 3541-3547.
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24	High-throughput intracellular pteridinic profiling by liquid chromatography-quadrupole time-of-flight mass spectrometry	Casey Burton; Rui Weng; Li Yang; Yu Bai*; Huwei Liu; Yinfia Ma*	<i>Anal. Chim. Acta</i> , 2015 , 853, 442-450.
25	Rapid analysis of four Sudan dyes using direct analysis in real time-mass spectrometry	Ze Li, Yi-Wei Zhang, Yi-Ding Zhang, Yu Bai, Hu-Wei Liu*	<i>Anal Methods</i> , 2015 , 7, 86-90.
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27	Binding constant determination of uranyl-citrate complex by ACE using a multi-injection method	Yiding Zhang, Linnan Li, Hexiang Huang, Linnan Xu, Ze Li, Yu Bai and Huwei Liu*	<i>Electrophoresis</i> , 2015 , 36, 1033-1039.
28	Direct Analysis in Real Time Mass Spectrometry: a Powerful Tool for Fast Analysis	Xianjiang Li, Xin Wang, Linnan Li, Yu Bai and Huwei Liu*	<i>Mass Spectrom. Lett.</i> 2015 , 6, 1-6.
29	Comprehensive lipid profiling of plasma in patients with benign breast tumor and breast cancer reveals novel biomarkers	Li Yang, Xinge Cui, Ningning Zhang, Min Li, Yu Bai, Xiaohong Han, Yuankai Shi*, Huwei Liu*	<i>Anal. Bioanal. Chem.</i> 2015 , 407, 5065-5077.
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35	Fine-Tuning of Crystal Packing and Charge Transport Properties of BDOPV Derivatives through Fluorine Substitution	Jin-Hu Dou, Yu-Qing Zheng, Ze-Fan Yao, Zhi-Ao Yu, Ting Lei, Xingxing Shen, Xu-Yi Luo, Junliang Sun, Shi-Ding Zhang, Yi-Fan Ding, Guangchao Han, Yuanping Yi*, Jie-Yu Wang*, and Jian Pei*	<i>J. Am. Chem. Soc.</i> 2015 , <i>137</i> , 15947-15956.
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44	π -Conjugated Aromatics Based on Truxene: Synthesis, Self-Assembly, and Applications	Ke Shi, Jie-Yu Wang*, and Jian Pei*	<i>Chem. Rec.</i> 2015 , 15, 52-72.
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