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序号	论文题目	作 者	期刊及年卷页
1	TiO2@COF-based solid phase microextraction combined with UHPLC-MS/MS for the rapid determination of potential biomarkers of phosphatidylcholines and lysophosphatidyl-cholines in head and neck cancer	Wanwan Ma, Huan Chen, Hongwei Hou*, Qingyuan Hu* ,Yu Bai*	*Anal. Bioanal. Chem.*, **2023**, 415, 6771-6783.
2	Imidazolium-based mass tag for protein biomarkers detection by laser desorption ionization mass spectrometry	Mingxia Liu, Jinjuan Xue, Huwei Liu, Yu Bai*	*Chem. Commun.*, **2023**,59, 9996-9999.
3	Methods developments of mass spectrometry based single cell metabolomics	Shaojie Qin, Daiyu Miao, Xue Zhang, Yi Zhang, Yu Bai*	*TrAC Trends in Anal. Chem.*, **2023**, 117086.
4	实时直接分析质谱在环境污染物筛查中的应用进展	仇小丹，张雪，白玉*	*质谱学报*，**2023**，44，146-157.
5	新型纳米材料在复杂样品固相萃取中的应用	张雪，白玉*	*科学通报*，**2023**，68， 2619 - 2633.
6	Linking chromatin acylation mark-defined proteome and genome in living cells	Fangfei Qin,* Boyuan Li, Hui Wang,Sihui Ma,Jiaofeng Li,Shanglin Liu,Linghao Kong,Huangtao Zheng,Rongfeng Zhu,Yu Han,Mingdong Yang,Kai Li, Xiong Ji,* and Peng R. Chen*	*Cell.* **2023**,186, 1066–1085.
7	Optical Control of Protein Functions via Genetically Encoded Photocaged Aspartic Acids	Xianrui Zhang, Haoran Huang,Yuan Liu, Zhigang Wu, Fengzhang Wang, Xinyuan Fan,*Peng R. Chen,* Jie Wang*	*J. Am. Chem. Soc.* **2023**, 145, 19218−19224.
8	Near Infrared Light-Triggered Photocatalytic Decaging for RemoteControlled Spatiotemporal Activation in Living Mice**	Xuan Liang,Shan Qian, Zhizheng Lou, Renming Hu, Yuchen Hou, Peng R. Chen,* Xinyuan Fan*	*Angew. Chem. Int. Ed.* **2023,** e202310920.
9	O-GlcNAcylation of Raptor transduces glucosesignals to mTORC1	Chenchen Xu, Xiaoqing Pan,Dong Wang, Yuanyuan Guan,Wenyu Yang, Xing Chen*, Ying Liu*	*Mol Cell.* **2023** 83, 3027-3040.
10	Nascent Proteomics: Chemical Tools for Monitoring Newly Synthesized Proteins	Qi Tang, Xing Chen*	*Angew. Chem.Int. Ed.***2023**,62,e202305866.
11	Click-iG:SimultaneousEnrichmenta	Jialin Liu, Bo Cheng, Xinqi	*Angew. Chem.Int.*

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12	Metabolic Glycan Labeling in Primary Neurons Enabled by Unnatural Sugars with No S-Glyco-Modification	Jiayu Sun, Zhimin Huang, Yifei Du, pinouLv, Xinqi Fan, Peng Dai* and Xing Chen*	*ACS Chem. Biol.***2023,** 18, 6, 1416–1424.
13	Cellular-scale proximity labeling for recordincspatial organization in mouse tissues	Xu Zhang, Qi Tang, Jiayu Sun, Yilan Guo, Shaoran hang, Shuyu Liang, Peng Dai, Xing Chen*	*Sci. Adv. ,***2023***,*9, eadg6388.
14	Chemoproteomic and Transcriptomic Analysis Reveals that O.GlcNAc Regulates Mouse Embryonic Stem Cell Fate through thePluripotency Network	Yi Hao, Xiang Li, KeQin, Yujie Shi, Yanwen He, Che Zhang, Bo Cheng, XiwenZhang.Guangyu Hu, Shuyu Liang, Qi Tang, and Xing Chen*	*Angew. Chem.Int. Ed.***2023**,62,e202300500.
15	Chemoproteomic profiling of O-GlcNAcylatedproteinsand identification of O-GIcNAc transferases in rice	Xilong Li, Cong Lei, Qitao Song, Lin Bai, Bo Cheng, Ke Qin, Xiang Li, Boyuan Ma, Bing Wangi, Wen Zhou, Xing Chen* and Jiavang Li*	*Plant Biotechnology Journal***2023** 21,742 753.
16	Facile Synthesis of Clickable Unnatural Sugars in theUnprotected and 1,6-Di-O-Acylated Forms for MetabolicGlycan Labeling	Bo Cheng*, Chunting Wang, Yi Hao, Jiankun Wang, Xiaoqian Xia, Hao Zhang, Rundong He, Shaoran Zhang, Peng Dai and Xing Chen*	*Chem.Eur.J.***2023***,*29, e202203054.
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19	Open-Cage Fullerene as a Macrocyclic Ligand for Na, Pt, and Rh Metal Complexes，	Rui Gao, Zhen Liu, Zeyu Liu, JieSu*, Liangbing Gan*.	*J. Am. Chem. Soc.* **2023**, *145*, 18022.
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26	Total Synthesis of Diverse Tetramic Acid Bearing cis-Decalin Natural Products	Haoran Dong, Dachao Hu, Benke Hong, Jin Wang, and Xiaoguang Lei*	*Angew. Chem. Int. Ed*. **2023**,62. e202301872.
27	Conformational Dynamics of the Activated GLP-1 Receptor-Gs Complex Revealed by Cross-Linking Mass Spectrometry and Integrative Structure Modeling	Shijia Yuan, Lisha Xia, ChenxiWang,Fan Wu, Bingjie Zhang, Chen Pan, Zhiran Fan, Xiaoguang Lei, Raymond C. Stevens, Andrej Sali, Liping Sun,* and WenqingShui*	*ACS Cent. Sci.* **2023**, 9, 5，992−1007.
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31	Divergent total syntheses of ITHQ-type bis-bcarboline alkaloids by regio-selective formal aza-[4+ 2] cycloaddition and late-stage C–H functionalization	QixuanWang,aFushengGuo,bJin Wangb and Xiaoguang Lei*	*Chemical Science* **,2023**, 37, 10353 - 1035913.

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81	*cis*-Selective Acyclic Diene Metathesis Polymerization Using Bulky Cyclometalated Ruthenium Carbene Catalysts	Wang, Y.; Zhang, Z.; Xu, Y.*	*Macromolecules* **2023***, 56, 22,* 9138–9145
82	Synthesis towards Phainanoid F: Photo-induced 6π-Electrocyclization for Constructing Contiguous All-Carbon Quaternary Centers	Hao-Yuan Liu, Zhen-Yu Zhang, Yi-Ke Zhou, Jia-Hua Chen, Zhen Yang,* and Yuan-He Li*	*Chemistry – An Asian Journal.***2023**, *18*, e202300622.
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84	Highly Stereoselective Diels-Alder Reactions Catalyzed by Diboronate Complexes	Yuan-He Li, Su-Lei Zhang, Yong Lu, Bo Xiao, Tian-Yu Sun, Qian-Qian Xu, Jia-Hua Chen,* Zhen Yang*	*Angew. Chem. Int. Ed.***2023**, *62,* e202303075.
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