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2	Mass Tag-based Mass Spectrometric Immunoassay and its Bioanalysis Applications	Mingxia Liu, Daiyu Miao, Shaojie Qin, Huwei Liu, Yu Bai*	<i>TrAC Trends in Anal. Chem.</i> , <b>2022</b> , 116745
3	Highly sensitive and multiplexed mass spectrometric immunoassay techniques and clinical applications	Shuting Xu, Huwei Liu and Yu Bai*	<i>Anal. Bioanal. Chem.</i> , <b>2022</b> , 414, 5121-5138.
4	Antigen-Specific T Cell Detection via Photocatalytic Proximity Cell Labeling (PhoXCELL)	Hongyu Liu, Huixin Luo, Qi Xue, Shan Qin, Shuang Qiu, Shibo Liu, Jian Lin, Jie P Li*, Peng R Chen*	<i>J. Am. Chem. Soc.</i> <b>2022</b> , 144, 5517-5526.
5	Covalently Engineered Protein Minibinders with Enhanced Neutralization Efficacy against Escaping SARS-CoV-2 Variants	Yu Han, Zhenlin Yang, Hengrui Hu, Heng Zhang, Long Chen, Kexin Li, Linghao Kong, Qianran Wang, Bo Liu, Manli Wang.*, Jian Lin.*, Peng R Chen.*	<i>J. Am. Chem. Soc.</i> <b>2022</b> , 144, 5702-5707
6	Spatially resolved cell tagging and surfaceome labeling via targeted photocatalytic decaging	Ziqi Liu, Xiao Xie, Zongyu Huang, Feng Lin, Shibo Liu, Zujie Chen, Shengnan Qin, Xinyuan Fan*, Peng R. Chen*	<i>Chem</i> <b>2022</b> , 8, 2179-2191
7	Photocatalytic Chemical Crosslinking for Profiling RNA-Protein Interactions in Living Cells	Huixin Luo, Wei Tang, Hongyu Liu, Xiangmei Zeng, William Shu Ching Ngai, Rui Gao, Heyun Li, Ran Li, Huangtao Zheng, Jianting Guo, Fangfei Qin, Gang Wang, Kexin Li, Xinyuan Fan*, Peng Zou*, Peng R Chen*	<i>Angew. Chem. Int. Ed.</i> <b>2022</b> , 61 (27), e202202008
8	Bioorthogonally Activatable Base Editing for On-Demand Pyroptosis	William Shu Ching Ngai, Shaojun Yang, Xiangmei Zeng, Yanjun Liu, Feng Lin, Xin Wang, Heng Zhang, Xinyuan Fan*, Peng R Chen*	<i>J. Am. Chem. Soc.</i> <b>2022</b> , 144 (12), 5411-5417
9	Deciphering Life Sciences with “Live” Chemistry—The 2022 Nobel Prize in Chemistry	Xinyuan Fan*, Peng R Chen*	<i>Sci. China Chem.</i> <b>2022</b> . 66, 7-9
10	An Optimized Isotopic Photocleavable Tagging Strategy	Jialin Liu, Yi Hao*, Chunting Wang, Yangya'n Jin, Yong Yang,	<i>ACS Chem. Biol.</i> 17, 513-520 (2022)

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11	Cell-type-specific labeling and profiling of glycans in living mice	Xinqi Fan, Qitao Song, De-en Sun, Yi Hao, Jingyang Wang, Chunting Wang, Xing Chen*	<i>Nat. Chem. Biol.</i> 2022.18, 625-633
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