

项目名称：质谱技术用于水产品鉴定及安全分析新方法

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项目发表论文、专著及被引用情况：

序号	论文著作	发表情况（刊物、期刊号、页码）	被 SCI、EI 收录及引用情况
1	Super-Fast Seafood Authenticity Analysis by One-step Pretreatment and Comparison of Mass Spectral Patterns C Wang, H Bi*	Food control, 2020, DOI: 10.1016/j.foodcont.2020.107751	SCI, IF=4.258,食品科学与技术 1 区；
2	Visualization of the Distance Among Fishes by MALDI MS for Rapid Determination of the Taxonomic Status of Fish Fillets C Wang, H Bi*, J Xie	Journal of Agricultural and Food Chemistry 2020, 68 (31), 8438 – 8446	SCI, IF=4.192,农业、多学科 1 区；被引频次：0 (Web of Science 统计)
3	Direct Identification of Fish Species by Surface Molecular Transferring M Shao, H Bi*	Analyst 2020, 145, 4148-4155	SCI, IF=3.978,化学、分析 1 区；被引频次：0
4	Mass Spectrometry-Based Metabolomics Approach to Reveal Differential Compounds in Pufferfish Soups: Flavor, Nutrition, and Safety H Bi*, D Cai, R Zhang, Y Zhu, D Zhang, L Qiao, Y Liu*	Food Chemistry 2019, 301, 125261	SCI, IF=6.306,化学、应用 1 区；被引频次：2(Web of Science 统计)；5(谷歌学术统计)
5	Differentiation and Authentication of Fishes at Species Level Through Analysis of Fish Skin by MALDI TOF MS H Bi*, C Zhong, M Shao, C	Rapid Communications in Mass Spectrometry 2019, 33 (16), 1336-1343	SCI, IF=2.2,化学、分析 2 区；被引频次：3(Web of Science 统计)；7(谷歌学术统计)

	Wang, J Yi, L Qiao, J Zhang		
6	Electrostatic Spray Ionization-Mass Spectrometry for Direct and Fast Wine Characterization H Bi*, M Xi, R Zhang, C Wang, L Qiao, J Xie*	ACS Omega 2018, 3 (12), 17881 – 17887	SCI, IF=2.87,化学、多学科 2 区; 被引频次: 6(Web of Science 统计); 5(谷歌学术统计)
7	Microfluidic filter device coupled mass spectrometry for rapid bacterial antimicrobial resistance analysis D. Zhang, Y. Zhang, F. Yin, Q. Qin, H. Bi, B. Liu, L. Qiao*	Analyst, 2020, DOI: 10.1039/D0AN01876G	SCI, IF=3.978,化学、分析 1 区
8	Identification of pathogenic bacteria in human blood using IgG-modified Fe ₃ O ₄ magnetic beads as a sorbent and MALDI-TOF MS for profiling J Yi, Q Qin, Y Wang, R Zhang, H Bi, S Yu, B Liu, L Qiao	Microchimica Acta 2018, 185 (12), 542	SCI, IF=6.232,化学、分析 1 区; 被引频次: 7(Web of Science 统计); 7(谷歌学术统计)
9	Detection of Pathogenic Microorganisms by Microfluidics Based Analytical Methods D Zhang, H Bi*, B Liu, L Qiao*	Analytical Chemistry 2018, 90 (9), 5512-5520	SCI, IF=6.785,化学、分析 1 区; 被引频次: 27(Web of Science 统计); 34(谷歌学术统计)
10	Synthesis, characterization and biosensing-applications of gold nanoparticles H Bi, S Schintke	Proceedings of the 20th International Conference on Transparent Optical Networks, Bucharest, Romania, 1-5 July 2018	EI, 被引频次: 0
11	Performance enhanced UV/vis spectroscopic microfluidic sensor for ascorbic acid	Biosensors and Bioelectronics 2016, 85, 568-572	SCI, IF=10.257,生物技术、应用生物 1 区; 被引频次: 24(Web of

	quantification in human blood H Bi*, CM Duarte, M Brito, V Vilas-Boas, S Cardoso, P Freitas		Science 统计); 30(谷歌学术统计)
12	Interference-blind microfluidic sensor for ascorbic acid determination by UV/vis spectroscopy H Bi*, AC Fernandes, S Cardoso, P Freitas	Sensors and Actuators B: Chemical 2016, 224, 668-675	SCI, IF=7.1,化学、分析 1 区; 被引频次: 15(Web of Science 统计); 17(谷歌学术统计)

主要知识产权证明目录:

授权项目名称	知识产权类别	国(区)别	授 权 号
一种基于质谱分析技术快速鉴定大西洋鲑鱼和虹鳟鱼的方法	发明	中国	申请号: CN202010702270.2
亲缘关系相近的海鲜的快速分类和鉴定方法	发明	中国	申请号: 2018107257128
System and Method for Analysis of a Target Molecule in a Complex Matrix Sample	发明	欧盟	EP15181556.0
一种碳纳米管-蛋白固定相的制备方法	发明	中国	2005101106894