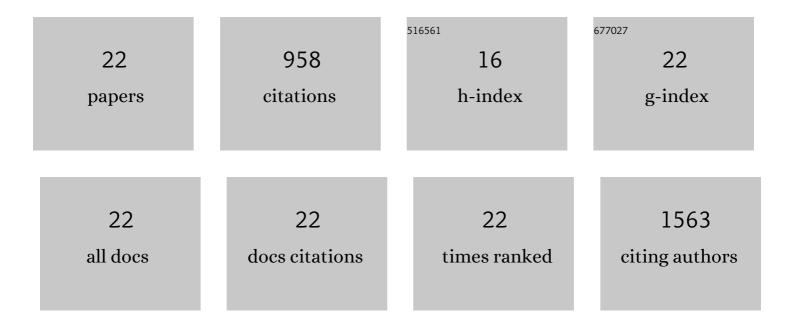
## **Bo Zhang**

List of Publications by Year in descending order

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Βο ΖΗΛΝΟ

#	Article	IF	CITATIONS
1	MUC1 mucin stabilizes and activates hypoxia-inducible factor 1 alpha to regulate metabolism in pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13787-13792.	3.3	207
2	Comprehensive Metabolite Identification Strategy Using Multiple Two-Dimensional NMR Spectra of a Complex Mixture Implemented in the COLMARm Web Server. Analytical Chemistry, 2016, 88, 12411-12418.	3.2	95
3	Analysis of bacterial biofilms using NMR-based metabolomics. Future Medicinal Chemistry, 2012, 4, 1273-1306.	1.1	89
4	Emerging new strategies for successful metabolite identification in metabolomics. Bioanalysis, 2016, 8, 557-573.	0.6	79
5	Influence of Iron and Aeration on Staphylococcus aureus Growth, Metabolism, and Transcription. Journal of Bacteriology, 2014, 196, 2178-2189.	1.0	55
6	Analysis of metabolomic PCA data using tree diagrams. Analytical Biochemistry, 2010, 399, 58-63.	1.1	54
7	NMR Analysis of a Stress Response Metabolic Signaling Network. Journal of Proteome Research, 2011, 10, 3743-3754.	1.8	46
8	Using NMR Metabolomics to Investigate Tricarboxylic Acid Cycle-dependent Signal Transduction in Staphylococcus epidermidis. Journal of Biological Chemistry, 2010, 285, 36616-36624.	1.6	45
9	Revisiting Protocols for the NMR Analysis of Bacterial Metabolomes. Journal of Integrated OMICS, 2013, 3, 120-137.	0.5	39
10	Catabolite Control Protein E (CcpE) Is a LysR-type Transcriptional Regulator of Tricarboxylic Acid Cycle Activity in Staphylococcus aureus. Journal of Biological Chemistry, 2013, 288, 36116-36128.	1.6	38
11	miRNA-122 Protects Mice and Human Hepatocytes from Acetaminophen Toxicity by Regulating Cytochrome P450 Family 1 Subfamily A Member 2 and Family 2 Subfamily E Member 1 Expression. American Journal of Pathology, 2017, 187, 2758-2774.	1.9	35
12	Reprogramming of Glucose Metabolism by Zerumbone Suppresses Hepatocarcinogenesis. Molecular Cancer Research, 2018, 16, 256-268.	1.5	33
13	Use of Charged Nanoparticles in NMR-Based Metabolomics for Spectral Simplification and Improved Metabolite Identification. Analytical Chemistry, 2015, 87, 7211-7217.	3.2	29
14	Nanoparticle-Assisted Removal of Protein in Human Serum for Metabolomics Studies. Analytical Chemistry, 2016, 88, 1003-1007.	3.2	24
15	COLMAR Lipids Web Server and Ultrahigh-Resolution Methods for Two-Dimensional Nuclear Magnetic Resonance- and Mass Spectrometry-Based Lipidomics. Journal of Proteome Research, 2020, 19, 1674-1683.	1.8	23
16	A new facet of NDRG1 in pancreatic ductal adenocarcinoma: Suppression of glycolytic metabolism. International Journal of Oncology, 2017, 50, 1792-1800.	1.4	20
17	Evaluation of Non-Uniform Sampling 2D 1H–13C HSQC Spectra for Semi-Quantitative Metabolomics. Metabolites, 2020, 10, 203.	1.3	17
18	Nanoparticle-Assisted Metabolomics. Metabolites, 2018, 8, 21.	1.3	15

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#	Article	IF	CITATIONS
19	Carbohydrate Background Removal in Metabolomics Samples. Analytical Chemistry, 2018, 90, 14100-14104.	3.2	6
20	Differential Attenuation of NMR Signals by Complementary Ionâ€Exchange Resin Beads for De Novo Analysis of Complex Metabolomics Mixtures. Chemistry - A European Journal, 2017, 23, 9239-9243.	1.7	4
21	Gadolinium-Based Paramagnetic Relaxation Enhancement Agent Enhances Sensitivity for NUS Multidimensional NMR-Based Metabolomics. Molecules, 2021, 26, 5115.	1.7	3
22	An inexpensive high-throughput nuclear magnetic resonance tube cleaning apparatus. Analytical Biochemistry, 2011, 416, 234-236.	1.1	2