

Bo Zhang

List of Publications by Year in descending order

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22
papers

958
citations

516561

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22
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1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium-Based Paramagnetic Relaxation Enhancement Agent Enhances Sensitivity for NUS Multidimensional NMR-Based Metabolomics. <i>Molecules</i> , 2021, 26, 5115.	1.7	3
2	Evaluation of Non-Uniform Sampling 2D ^1H - ^{13}C HSQC Spectra for Semi-Quantitative Metabolomics. <i>Metabolites</i> , 2020, 10, 203.	1.3	17
3	COLMAR Lipids Web Server and Ultrahigh-Resolution Methods for Two-Dimensional Nuclear Magnetic Resonance- and Mass Spectrometry-Based Lipidomics. <i>Journal of Proteome Research</i> , 2020, 19, 1674-1683.	1.8	23
4	Reprogramming of Glucose Metabolism by Zerumbone Suppresses Hepatocarcinogenesis. <i>Molecular Cancer Research</i> , 2018, 16, 256-268.	1.5	33
5	Carbohydrate Background Removal in Metabolomics Samples. <i>Analytical Chemistry</i> , 2018, 90, 14100-14104.	3.2	6
6	Nanoparticle-Assisted Metabolomics. <i>Metabolites</i> , 2018, 8, 21.	1.3	15
7	A new facet of NDRG1 in pancreatic ductal adenocarcinoma: Suppression of glycolytic metabolism. <i>International Journal of Oncology</i> , 2017, 50, 1792-1800.	1.4	20
8	Differential Attenuation of NMR Signals by Complementary Ion-Exchange Resin Beads for De Novo Analysis of Complex Metabolomics Mixtures. <i>Chemistry - A European Journal</i> , 2017, 23, 9239-9243.	1.7	4
9	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. <i>American Journal of Pathology</i> , 2017, 187, 2758-2774.	1.9	35
10	Comprehensive Metabolite Identification Strategy Using Multiple Two-Dimensional NMR Spectra of a Complex Mixture Implemented in the COLMARM Web Server. <i>Analytical Chemistry</i> , 2016, 88, 12411-12418.	3.2	95
11	Nanoparticle-Assisted Removal of Protein in Human Serum for Metabolomics Studies. <i>Analytical Chemistry</i> , 2016, 88, 1003-1007.	3.2	24
12	Emerging new strategies for successful metabolite identification in metabolomics. <i>Bioanalysis</i> , 2016, 8, 557-573.	0.6	79
13	Use of Charged Nanoparticles in NMR-Based Metabolomics for Spectral Simplification and Improved Metabolite Identification. <i>Analytical Chemistry</i> , 2015, 87, 7211-7217.	3.2	29
14	Influence of Iron and Aeration on <i>Staphylococcus aureus</i> Growth, Metabolism, and Transcription. <i>Journal of Bacteriology</i> , 2014, 196, 2178-2189.	1.0	55
15	Catabolite Control Protein E (CcpE) Is a LysR-type Transcriptional Regulator of Tricarboxylic Acid Cycle Activity in <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 36116-36128.	1.6	38
16	Revisiting Protocols for the NMR Analysis of Bacterial Metabolomes. <i>Journal of Integrated OMICS</i> , 2013, 3, 120-137.	0.5	39
17	MUC1 mucin stabilizes and activates hypoxia-inducible factor 1 alpha to regulate metabolism in pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13787-13792.	3.3	207
18	Analysis of bacterial biofilms using NMR-based metabolomics. <i>Future Medicinal Chemistry</i> , 2012, 4, 1273-1306.	1.1	89

#	ARTICLE	IF	CITATIONS
19	NMR Analysis of a Stress Response Metabolic Signaling Network. <i>Journal of Proteome Research</i> , 2011, 10, 3743-3754.	1.8	46
20	An inexpensive high-throughput nuclear magnetic resonance tube cleaning apparatus. <i>Analytical Biochemistry</i> , 2011, 416, 234-236.	1.1	2
21	Analysis of metabolomic PCA data using tree diagrams. <i>Analytical Biochemistry</i> , 2010, 399, 58-63.	1.1	54
22	Using NMR Metabolomics to Investigate Tricarboxylic Acid Cycle-dependent Signal Transduction in <i>Staphylococcus epidermidis</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 36616-36624.	1.6	45