

Fuhua Hao

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	The aryl hydrocarbon receptor activates ceramide biosynthesis in mice contributing to hepatic lipogenesis. <i>Toxicology</i> , 2021, 458, 152831.	4.2	12
2	Development and validation of an improved probabilistic quotient normalization method for LC/MS- and NMR-based metabolomic analysis. <i>Chinese Chemical Letters</i> , 2020, 31, 1827-1830.	9.0	8
3	Intestinal microbiota-derived tryptophan metabolites are predictive of Ah receptor activity. <i>Gut Microbes</i> , 2020, 12, 1788899.	9.8	123
4	Quantitative Metabonomic Phenotypes in Different Structures of Mung Bean (<i>Vigna radiata</i>) Seeds and Their Germination-Associated Dynamic Changes. <i>Journal of Proteome Research</i> , 2020, 19, 3352-3363.	3.7	6
5	Effects of stocking density on growth performance and metabolism of juvenile Lenok (<i>Brachymystax</i>) Tj ETQq1 1 0,784314 rgBT /Ovelo	3.5	19
6	Global metabolic responses of the lenok (<i>Brachymystax lenok</i>) to thermal stress. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 308-319.	1.0	19
7	A vitamin-C-derived DNA modification catalysed by an algal TET homologue. <i>Nature</i> , 2019, 569, 581-585.	27.8	72
8	Discovery of a non-steroselective cytochrome P450 catalyzing either 8 β - or 8 α -hydroxylation of germacrene A acid from the Chinese medicinal plant, <i>Inula hupehensis</i> . <i>Plant Journal</i> , 2018, 93, 92-106.	5.7	14
9	UV-B induced biosynthesis of a novel sunscreen compound in solar radiation and desiccation tolerant cyanobacteria. <i>Environmental Microbiology</i> , 2018, 20, 200-213.	3.8	40
10	Identification, Characteristics and Mechanism of 1-Deoxy-N-acetylglucosamine from Deep-Sea <i>Virgibacillus dokdonensis</i> MCCC 1A00493. <i>Marine Drugs</i> , 2018, 16, 52.	4.6	7
11	Dynamic metabolic responses of brown planthoppers towards susceptible and resistant rice plants. <i>Plant Biotechnology Journal</i> , 2017, 15, 1346-1357.	8.3	26
12	Simultaneous Quantification of Amino Metabolites in Multiple Metabolic Pathways Using Ultra-High Performance Liquid Chromatography with Tandem-mass Spectrometry. <i>Scientific Reports</i> , 2017, 7, 1423.	3.3	45
13	Metabonomics uncovers a reversible proatherogenic lipid profile during infliximab therapy of inflammatory bowel disease. <i>BMC Medicine</i> , 2017, 15, 184.	5.5	34
14	Reprogramming of Seed Metabolism Facilitates Pre-harvest Sprouting Resistance of Wheat. <i>Scientific Reports</i> , 2016, 6, 20593.	3.3	19
15	Correlations of Fecal Metabonomic and Microbiomic Changes Induced by High-fat Diet in the Pre-Obesity State. <i>Scientific Reports</i> , 2016, 6, 21618.	3.3	131
16	Control of the interparticle spacing in superparamagnetic iron oxide nanoparticle clusters by surface ligand engineering. <i>Chinese Physics B</i> , 2016, 25, 077504.	1.4	4
17	Systemic Metabolic Responses of Broiler Chickens and Piglets to Acute T-2 Toxin Intravenous Exposure. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 714-723.	5.2	34
18	Metabonomic Changes Associated with Atherosclerosis Progression for <i>LDLR</i> Mice. <i>Journal of Proteome Research</i> , 2015, 14, 2237-2254.	3.7	53

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19	Developmental Changes for the Hemolymph Metabolome of Silkworm (<i>Bombyx mori</i> L.). Journal of Proteome Research, 2015, 14, 2331-2347.	3.7	38
20	Assessment of the Biological Effects of a Multifunctional Nano-Drug-Carrier and Its Encapsulated Drugs. Journal of Proteome Research, 2015, 14, 5193-5201.	3.7	15
21	Metabonomics of human fecal extracts characterize ulcerative colitis, Crohn's disease and healthy individuals. Metabolomics, 2015, 11, 122-133.	3.0	208
22	Systemic Responses of Mice to Dextran Sulfate Sodium-Induced Acute Ulcerative Colitis Using ¹ H NMR Spectroscopy. Journal of Proteome Research, 2013, 12, 2958-2966.	3.7	63
23	High-Fat Diet Induces Dynamic Metabolic Alterations in Multiple Biological Matrices of Rats. Journal of Proteome Research, 2013, 12, 3755-3768.	3.7	130
24	Identifying Three Ecological Chemotypes of <i>Xanthium strumarium</i> Glandular Trichomes Using a Combined NMR and LC-MS Method. PLoS ONE, 2013, 8, e76621.	2.5	18
25	Global Metabolomic Responses of <i>Escherichia coli</i> to Heat Stress. Journal of Proteome Research, 2012, 11, 2559-2566.	3.7	87
26	Streptozotocin-Induced Dynamic Metabonomic Changes in Rat Biofluids. Journal of Proteome Research, 2012, 11, 3423-3435.	3.7	45
27	Systems Responses of Rats to Mequindox Revealed by Metabolic and Transcriptomic Profiling. Journal of Proteome Research, 2012, 11, 4712-4721.	3.7	24
28	NMR analysis of the rat neurochemical changes induced by middle cerebral artery occlusion. Talanta, 2012, 88, 136-144.	5.5	42
29	Identification of Three Novel Polyphenolic Compounds, Origanine A-C, with Unique Skeleton from <i>Origanum vulgare</i> L. Using the Hyphenated LC-DAD-SPE-NMR/MS Methods. Journal of Agricultural and Food Chemistry, 2012, 60, 129-135.	5.2	36
30	Comparison of serum metabolite compositions between obese and lean growing pigs using an NMR-based metabonomic approach. Journal of Nutritional Biochemistry, 2012, 23, 133-139.	4.2	114
31	Correlative analysis of neoplasm patients with phlegm-stasis () or abnormal savda () syndrome, based on metabonomics. Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine, 2012, 32, 119-124.	0.4	10
32	Nuclear Magnetic Resonance for Analysis of Metabolite Composition of <i>Escherichia Coli</i> . Chinese Journal of Analytical Chemistry, 2011, 39, 1186-1194.	1.7	10
33	NMR-based metabonomic analyses of the effects of ultrasmall superparamagnetic particles of iron oxide (USPIO) on macrophage metabolism. Journal of Nanoparticle Research, 2011, 13, 2049-2062.	1.9	28
34	Plasma metabonomic analysis with ¹ H nuclear magnetic resonance revealing the relationship of different tumors and the disease homology theory of traditional Uyghur medicine. Chinese Journal of Integrative Medicine, 2011, 17, 111-115.	1.6	11
35	Characterization of catabolic meta-nitrophenol nitroreductase from <i>Cupriavidus necator</i> JMP134. Applied Microbiology and Biotechnology, 2010, 87, 2077-2085.	3.6	29
36	Integrated Metabonomic~Proteomic Analysis of an Insect~Bacterial Symbiotic System. Journal of Proteome Research, 2010, 9, 1257-1267.	3.7	47

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37	Metabonomics in Ulcerative Colitis: Diagnostics, Biomarker Identification, And Insight into the Pathophysiology. Journal of Proteome Research, 2010, 9, 954-962.	3.7	141
38	Revealing Different Systems Responses to Brown Planthopper Infestation for Pest Susceptible and Resistant Rice Plants with the Combined Metabonomic and Gene-Expression Analysis. Journal of Proteome Research, 2010, 9, 6774-6785.	3.7	109
39	Combined NMR and LC-MS/MS Analysis Reveals Comprehensive Metabonomic Variations for Three Phenotypic Cultivars of <i>Salvia Miltiorrhiza</i> Bunge. Journal of Proteome Research, 2010, 9, 1565-1578.	3.7	130
40	Metabolomic analysis of the response of growing pigs to dietary l-arginine supplementation. Amino Acids, 2009, 37, 199-208.	2.7	158
41	The reproductive traits of brown trout (<i>Salmo trutta fario</i> L.) from the Yadong River, Tibet. Environmental Biology of Fishes, 2009, 86, 89-96.	1.0	11
42	Human Serum Metabonomic Analysis Reveals Progression Axes for Glucose Intolerance and Insulin Resistance Statuses. Journal of Proteome Research, 2009, 8, 5188-5195.	3.7	127
43	Systems Biological Responses to Chronic Perfluorododecanoic Acid Exposure by Integrated Metabonomic and Transcriptomic Studies. Journal of Proteome Research, 2009, 8, 2882-2891.	3.7	95
44	An optimized buffer system for NMR-based urinary metabonomics with effective pH control, chemical shift consistency and dilution minimization. Analyst, The, 2009, 134, 916.	3.5	127