

# Fuhua Hao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2809312/publications.pdf>

Version: 2024-02-01

44  
papers

2,519  
citations

201674

27  
h-index

243625

44  
g-index

44  
all docs

44  
docs citations

44  
times ranked

3954  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabonomics of human fecal extracts characterize ulcerative colitis, Crohn's disease and healthy individuals. <i>Metabolomics</i> , 2015, 11, 122-133.	3.0	208
2	Metabolomic analysis of the response of growing pigs to dietary L-arginine supplementation. <i>Amino Acids</i> , 2009, 37, 199-208.	2.7	158
3	Metabonomics in Ulcerative Colitis: Diagnostics, Biomarker Identification, And Insight into the Pathophysiology. <i>Journal of Proteome Research</i> , 2010, 9, 954-962.	3.7	141
4	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
5	Combined NMR and LC-DAD-MS Analysis Reveals Comprehensive Metabonomic Variations for Three Phenotypic Cultivars of <i>Salvia Miltiorrhiza</i> Bunge. <i>Journal of Proteome Research</i> , 2010, 9, 1565-1578.	3.7	130
6	High-Fat Diet Induces Dynamic Metabolic Alterations in Multiple Biological Matrices of Rats. <i>Journal of Proteome Research</i> , 2013, 12, 3755-3768.	3.7	130
7	Human Serum Metabonomic Analysis Reveals Progression Axes for Glucose Intolerance and Insulin Resistance Statuses. <i>Journal of Proteome Research</i> , 2009, 8, 5188-5195.	3.7	127
8	An optimized buffer system for NMR-based urinary metabonomics with effective pH control, chemical shift consistency and dilution minimization. <i>Analyst</i> , 2009, 134, 916.	3.5	127
9	Intestinal microbiota-derived tryptophan metabolites are predictive of Ah receptor activity. <i>Gut Microbes</i> , 2020, 12, 1788899.	9.8	123
10	Comparison of serum metabolite compositions between obese and lean growing pigs using an NMR-based metabonomic approach. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 133-139.	4.2	114
11	Revealing Different Systems Responses to Brown Planthopper Infestation for Pest Susceptible and Resistant Rice Plants with the Combined Metabonomic and Gene-Expression Analysis. <i>Journal of Proteome Research</i> , 2010, 9, 6774-6785.	3.7	109
12	Systems Biological Responses to Chronic Perfluorododecanoic Acid Exposure by Integrated Metabonomic and Transcriptomic Studies. <i>Journal of Proteome Research</i> , 2009, 8, 2882-2891.	3.7	95
13	Global Metabolomic Responses of <i>Escherichia coli</i> to Heat Stress. <i>Journal of Proteome Research</i> , 2012, 11, 2559-2566.	3.7	87
14	A vitamin-C-derived DNA modification catalysed by an algal TET homologue. <i>Nature</i> , 2019, 569, 581-585.	27.8	72
15	Systemic Responses of Mice to Dextran Sulfate Sodium-Induced Acute Ulcerative Colitis Using <sup>1</sup> H NMR Spectroscopy. <i>Journal of Proteome Research</i> , 2013, 12, 2958-2966.	3.7	63
16	Metabonomic Changes Associated with Atherosclerosis Progression for LDLR <sup>-/-</sup> Mice. <i>Journal of Proteome Research</i> , 2015, 14, 2237-2254.	3.7	53
17	Integrated Metabonomic-Proteomic Analysis of an Insect-Bacterial Symbiotic System. <i>Journal of Proteome Research</i> , 2010, 9, 1257-1267.	3.7	47
18	Streptozotocin-Induced Dynamic Metabonomic Changes in Rat Biofluids. <i>Journal of Proteome Research</i> , 2012, 11, 3423-3435.	3.7	45

#	ARTICLE	IF	CITATIONS
19	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
20	NMR analysis of the rat neurochemical changes induced by middle cerebral artery occlusion. <i>Talanta</i> , 2012, 88, 136-144.	5.5	42
21	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
22	Developmental Changes for the Hemolymph Metabolome of Silkworm ( <i>Bombyx mori</i> L.). <i>Journal of Proteome Research</i> , 2015, 14, 2331-2347.	3.7	38
23	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. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 129-135.	5.2	36
24	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
25	Metabonomics uncovers a reversible proatherogenic lipid profile during infliximab therapy of inflammatory bowel disease. <i>BMC Medicine</i> , 2017, 15, 184.	5.5	34
26	Characterization of catabolic meta-nitrophenol nitroreductase from <i>Cupriavidus necator</i> JMP134. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 2077-2085.	3.6	29
27	NMR-based metabonomic analyses of the effects of ultrasmall superparamagnetic particles of iron oxide (USPIO) on macrophage metabolism. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2049-2062.	1.9	28
28	Dynamic metabolic responses of brown planthoppers towards susceptible and resistant rice plants. <i>Plant Biotechnology Journal</i> , 2017, 15, 1346-1357.	8.3	26
29	Systems Responses of Rats to Mequindox Revealed by Metabolic and Transcriptomic Profiling. <i>Journal of Proteome Research</i> , 2012, 11, 4712-4721.	3.7	24
30	Reprogramming of Seed Metabolism Facilitates Pre-harvest Sprouting Resistance of Wheat. <i>Scientific Reports</i> , 2016, 6, 20593.	3.3	19
31	Effects of stocking density on growth performance and metabolism of juvenile Lenok ( <i>Brachymystax</i> ) Tj ETQq1 1 0,784314 rgBT /Ove	3.5	19
32	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
33	Identifying Three Ecological Chemotypes of <i>Xanthium strumarium</i> Glandular Trichomes Using a Combined NMR and LC-MS Method. <i>PLoS ONE</i> , 2013, 8, e76621.	2.5	18
34	Assessment of the Biological Effects of a Multifunctional Nano-Drug-Carrier and Its Encapsulated Drugs. <i>Journal of Proteome Research</i> , 2015, 14, 5193-5201.	3.7	15
35	Discovery of a non-stereoselective cytochrome P450 catalyzing either 8 $\beta$ - or 8 $\alpha$ -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
36	The aryl hydrocarbon receptor activates ceramide biosynthesis in mice contributing to hepatic lipogenesis. <i>Toxicology</i> , 2021, 458, 152831.	4.2	12

#	ARTICLE	IF	CITATIONS
37	The reproductive traits of brown trout ( <i>Salmo trutta fario</i> L.) from the Yadong River, Tibet. <i>Environmental Biology of Fishes</i> , 2009, 86, 89-96.	1.0	11
38	Plasma metabonomic analysis with <sup>1</sup> H nuclear magnetic resonance revealing the relationship of different tumors and the disease homology theory of traditional Uyghur medicine. <i>Chinese Journal of Integrative Medicine</i> , 2011, 17, 111-115.	1.6	11
39	Nuclear Magnetic Resonance for Analysis of Metabolite Composition of <i>Escherichia Coli</i> . <i>Chinese Journal of Analytical Chemistry</i> , 2011, 39, 1186-1194.	1.7	10
40	Correlative analysis of neoplasm patients with phlegm-stasis () or abnormal savda () syndrome, based on metabonomics. <i>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</i> , 2012, 32, 119-124.	0.4	10
41	Development and validation of an improved probabilistic quotient normalization method for LC/MS- and NMR-based metabonomic analysis. <i>Chinese Chemical Letters</i> , 2020, 31, 1827-1830.	9.0	8
42	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
43	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
44	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