Houkai Li

List of Publications by Year
in descending order

56 papers	4,005 citations	147801 31 h-index	155660 55 g-index
59 all docs	59 docs citations	59 times ranked	6307 citing authors

#	Article	IF	Citations
1	Gut microbiota: a potential new territory for drug targeting. Nature Reviews Drug Discovery, 2008, 7, 123-129.	46.4	426
2	Theabrownin from Pu-erh tea attenuates hypercholesterolemia via modulation of gut microbiota and bile acid metabolism. Nature Communications, 2019, 10, 4971.	12.8	418
3	Leucine Deprivation Increases Hepatic Insulin Sensitivity via GCN2/mTOR/S6K1 and AMPK Pathways. Diabetes, 2011, 60, 746-756.	0.6	249
4	The influence of gut microbiota on drug metabolism and toxicity. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 31-40.	3.3	187
5	The Role of Gut Microbiota in Atherosclerosis and Hypertension. Frontiers in Pharmacology, 2018, 9, 1082.	3.5	164
6	Alteration of bile acid metabolism in the rat induced by chronic ethanol consumption. FASEB Journal, 2013, 27, 3583-3593.	0.5	162
7	Gut Microbiota and Nonalcoholic Fatty Liver Disease: Insights on Mechanisms and Therapy. Nutrients, 2017, 9, 1124.	4.1	143
8	A Distinct Metabolic Signature of Human Colorectal Cancer with Prognostic Potential. Clinical Cancer Research, 2014, 20, 2136-2146.	7.0	141
9	Leucine Deprivation Decreases Fat Mass by Stimulation of Lipolysis in White Adipose Tissue and Upregulation of Uncoupling Protein 1 (UCP1) in Brown Adipose Tissue. Diabetes, 2010, 59, 17-25.	0.6	140
10	Melamine-Induced Renal Toxicity Is Mediated by the Gut Microbiota. Science Translational Medicine, 2013, 5, 172ra22.	12.4	129
11	Chronic Ethanol Consumption Alters Mammalian Gastrointestinal Content Metabolites. Journal of Proteome Research, 2013, 12, 3297-3306.	3.7	116
12	Desulfovibrio vulgaris, a potent acetic acid-producing bacterium, attenuates nonalcoholic fatty liver disease in mice. Gut Microbes, 2021, 13, 1-20.	9.8	114
13	Pharmacometabonomic Phenotyping Reveals Different Responses to Xenobiotic Intervention in Rats. Journal of Proteome Research, 2007, 6, 1364-1370.	3.7	91
14	Metabonomic Evaluation of Melamine-Induced Acute Renal Toxicity in Rats. Journal of Proteome Research, 2010, 9, 125-133.	3.7	87
15	Analysis of transcriptome and metabolome profiles alterations in fatty liver induced by high-fat diet in rat. Metabolism: Clinical and Experimental, 2010, 59, 554-560.	3.4	86
16	Paeonol Attenuates High-Fat-Diet-Induced Atherosclerosis in Rabbits by Anti-Inflammatory Activity. Planta Medica, 2009, 75, 7-11.	1.3	82
17	Transcriptomic and Metabonomic Profiling of Obesity-Prone and Obesity-Resistant Rats under High Fat Diet. Journal of Proteome Research, 2008, 7, 4775-4783.	3.7	81
18	Novel Applications of Metabolomics in Personalized Medicine: A Mini-Review. Molecules, 2017, 22, 1173.	3.8	76

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19	Integrative metabolic and microbial profiling on patients with Spleen-yang-deficiency syndrome. Scientific Reports, 2018, 8, 6619.	3.3	73
20	Gut microbiota remodeling reverses aging-associated inflammation and dysregulation of systemic bile acid homeostasis in mice sex-specifically. Gut Microbes, 2020, 11, 1450-1474.	9.8	71
21	ATF4 deficiency protects mice from high-carbohydrate-diet-induced liver steatosis. Biochemical Journal, 2011, 438, 283-289.	3.7	65
22	Gut Microbiota and Nonalcoholic Fatty Liver Disease: Insights on Mechanism and Application of Metabolomics. International Journal of Molecular Sciences, 2016, 17, 300.	4.1	65
23	Integrated Metagenomic and Metabolomic Analyses of the Effect of Astragalus Polysaccharides on Alleviating High-Fat Dietâ€“Induced Metabolic Disorders. Frontiers in Pharmacology, 2020, 11, 833.	3.5	56
24	Transcriptomic and Metabonomic Profiling Reveal Synergistic Effects of Quercetin and Resveratrol Supplementation in High Fat Diet Fed Mice. Journal of Proteome Research, 2012, 11, 4961-4971.	3.7	54
25	Traditional Chinese medicine: balancing the gut ecosystem. Phytotherapy Research, 2009, 23, 1332-1335.	5.8	52
26	Expert insights: The potential role of the gut microbiomeâ€bile acidâ€brain axis in the development and progression of Alzheimer's disease and hepatic encephalopathy. Medicinal Research Reviews, 2020, 40, 1496-1507.	10.5	45
27	Akkermansia muciniphila: is it the Holy Grail for ameliorating metabolic diseases?. Gut Microbes, 2021, 13, 1984104.	9.8	44
28	Metabolic Transformation of DMBA-Induced Carcinogenesis and Inhibitory Effect of Salvianolic Acid B and Breviscapine Treatment. Journal of Proteome Research, 2012, 11, 1302-1316.	3.7	41
29	Gut Microbiota Modulation Attenuated the Hypolipidemic Effect of Simvastatin in High-Fat/Cholesterol-Diet Fed Mice. Journal of Proteome Research, 2017, 16, 1900-1910.	3.7	38
30	Metformin suppressed the proliferation of LoVo cells and induced a time-dependent metabolic and transcriptional alteration. Scientific Reports, 2015, 5, 17423.	3.3	36
31	Application of metabolomics for unveiling the therapeutic role of traditional Chinese medicine in metabolic diseases. Journal of Ethnopharmacology, 2019, 242, 112057.	4.1	35
32	Metabolic and Gut Microbial Characterization of Obesity-Prone Mice under a High-Fat Diet. Journal of Proteome Research, 2019, 18, 1703-1714.	3.7	33
33	<scp>ATF</scp>4 deficiency protects hepatocytes from oxidative stress via inhibiting <scp>CYP</scp>2E1 expression. Journal of Cellular and Molecular Medicine, 2014, 18, 80-90.	3.6	31
34	Metabonomic and Metallomic Profiling in the Amniotic Fluid of Malnourished Pregnant Rats. Journal of Proteome Research, 2008, 7, 2151-2157.	3.7	28
35	Mechanistic and therapeutic advances in non-alcoholic fatty liver disease by targeting the gut microbiota. Frontiers of Medicine, 2018, 12, 645-657.	3.4	28
36	Toward Personalized Nutrition: Comprehensive Phytoprofiling and Metabotyping. Journal of Proteome Research, 2013, 12, 1547-1559.	3.7	27

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37	Si Miao Formula attenuates non-alcoholic fatty liver disease by modulating hepatic lipid metabolism and gut microbiota. Phytomedicine, 2021, 85, 153544.	5.3	26
38	Effects of ATF4 on PGC1Î± expression in brown adipose tissue and metabolic responses to cold stress. Metabolism: Clinical and Experimental, 2013, 62, 282-289.	3.4	25
39	Urinary Time- or Dose-dependent Metabolic Biomarkers of Aristolochic Acid-induced Nephrotoxicity in Rats. Toxicological Sciences, 2017, 156, kfw244.	3.1	24
40	Multiparametric analysis of amino acids and organic acids in rat brain tissues using GC/MS. Journal of Separation Science, 2008, 31, 2831-2838.	2.5	21
41	Variations of Gut Microbiome Profile Under Different Storage Conditions and Preservation Periods: A Multi-Dimensional Evaluation. Frontiers in Microbiology, 2020, 11, 972.	3.5	21
42	Amygdala, an important regulator for food intake. Frontiers in Biology, 2011, 6, 82-85.	0.7	18
43	Exploring biological basis of Syndrome differentiation in coronary heart disease patients with two distinct Syndromes by integrated multi-omics and network pharmacology strategy. Chinese Medicine, 2021, 16, 109.	4.0	18
44	Analysis of urinary metabolites for metabolomic study by pressurized CEC. Electrophoresis, 2007, 28, 4459-4468.	2.4	16
45	Effects of ADMA on gene expression and metabolism in serum-starved LoVo cells. Scientific Reports, 2016, 6, 25892.	3.3	16
46	A botanical dietary supplement from white peony and licorice attenuates nonalcoholic fatty liver disease by modulating gut microbiota and reducing inflammation. Phytomedicine, 2021, 91, 153693.	5.3	16
47	Vancomycin pretreatment attenuates acetaminophen-induced liver injury through 2-hydroxybutyric acid. Journal of Pharmaceutical Analysis, 2020, 10, 560-570.	5.3	15
48	Exploring the mechanism underlying the cardioprotective effect of shexiang baoxin pill on acute myocardial infarction rats by comprehensive metabolomics. Journal of Ethnopharmacology, 2020, 259, 113001.	4.1	14
49	Functional Metabolomics Reveals that Astragalus Polysaccharides Improve Lipids Metabolism through Microbial Metabolite 2-Hydroxybutyric Acid in Obese Mice. Engineering, 2022, 9, 111-122.	6.7	13
50	Integrated hepatic single-cell RNA sequencing and untargeted metabolomics reveals the immune and metabolic modulation of Qing-Fei-Pai-Du decoction in mice with coronavirus-induced pneumonia. Phytomedicine, 2022, 97, 153922.	5.3	13
51	Effects of the Suxiao Jiuxin pill on acute myocardial infarction assessed by comprehensive metabolomics. Phytomedicine, 2020, 77, 153291.	5.3	9
52	Serum proteomic analysis reveals the cardioprotective effects of Shexiang Baoxin Pill and Suxiao Jiuxin Pill in a rat model of acute myocardial infarction. Journal of Ethnopharmacology, 2022, 293, 115279.	4.1	8
53	Integrated Metagenomic and Transcriptomic Analyses Reveal the Dietary Dependent Recovery of Host Metabolism From Antibiotic Exposure. Frontiers in Cell and Developmental Biology, 2021, 9, 680174.	3.7	6
54	Management of Hepatic Encephalopathy by Traditional Chinese Medicine. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-8.	1.2	4

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55	A gulose moiety contributes to the belomycin (BLM) disaccharide selective targeting to lung cancer cells. European Journal of Medicinal Chemistry, 2021, 226, 113866.	5.5	3
56	Microbial and Transcriptomic Profiling Reveals Diet-Related Alterations of Metabolism in Metabolic Disordered Mice. Frontiers in Nutrition, 0, 9, .	3.7	2