

# Xiaojiao Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,884  
citations

201385

27  
h-index

243296

44  
g-index

46  
all docs

46  
docs citations

46  
times ranked

3828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theabrownin from Pu-erh tea attenuates hypercholesterolemia via modulation of gut microbiota and bile acid metabolism. <i>Nature Communications</i> , 2019, 10, 4971.	5.8	418
2	A targeted metabolomic protocol for short-chain fatty acids and branched-chain amino acids. <i>Metabolomics</i> , 2013, 9, 818-827.	1.4	212
3	Bile acid is a significant host factor shaping the gut microbiome of diet-induced obese mice. <i>BMC Biology</i> , 2017, 15, 120.	1.7	208
4	Hyochoolic acid species improve glucose homeostasis through a distinct TGR5 and FXR signaling mechanism. <i>Cell Metabolism</i> , 2021, 33, 791-803.e7.	7.2	185
5	Dysregulated hepatic bile acids collaboratively promote liver carcinogenesis. <i>International Journal of Cancer</i> , 2016, 139, 1764-1775.	2.3	169
6	Targeting the alternative bile acid synthetic pathway for metabolic diseases. <i>Protein and Cell</i> , 2021, 12, 411-425.	4.8	146
7	Melamine-Induced Renal Toxicity Is Mediated by the Gut Microbiota. <i>Science Translational Medicine</i> , 2013, 5, 172ra22.	5.8	129
8	A dysregulated bile acid-gut microbiota axis contributes to obesity susceptibility. <i>EBioMedicine</i> , 2020, 55, 102766.	2.7	128
9	Desulfovibrio vulgaris, a potent acetic acid-producing bacterium, attenuates nonalcoholic fatty liver disease in mice. <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	114
10	Serum Bile Acids Are Associated with Pathological Progression of Hepatitis B-Induced Cirrhosis. <i>Journal of Proteome Research</i> , 2016, 15, 1126-1134.	1.8	78
11	Tryptophan Predicts the Risk for Future Type 2 Diabetes. <i>PLoS ONE</i> , 2016, 11, e0162192.	1.1	74
12	Sex-dependent effects on gut microbiota regulate hepatic carcinogenic outcomes. <i>Scientific Reports</i> , 2017, 7, 45232.	1.6	71
13	Hyochoolic acid species as novel biomarkers for metabolic disorders. <i>Nature Communications</i> , 2021, 12, 1487.	5.8	66
14	Gut microbiota-bile acid crosstalk contributes to the rebound weight gain after calorie restriction in mice. <i>Nature Communications</i> , 2022, 13, 2060.	5.8	56
15	Metabolomics Profiling for Obstructive Sleep Apnea and Simple Snorers. <i>Scientific Reports</i> , 2016, 6, 30958.	1.6	54
16	Ursodeoxycholic acid accelerates bile acid enterohepatic circulation. <i>British Journal of Pharmacology</i> , 2019, 176, 2848-2863.	2.7	52
17	The Brain Metabolome of Male Rats across the Lifespan. <i>Scientific Reports</i> , 2016, 6, 24125.	1.6	51
18	Dysregulated bile acid signaling contributes to the neurological impairment in murine models of acute and chronic liver failure. <i>EBioMedicine</i> , 2018, 37, 294-306.	2.7	51

#	ARTICLE	IF	CITATIONS
19	Gut microbiota alterations are distinct for primary colorectal cancer and hepatocellular carcinoma. <i>Protein and Cell</i> , 2021, 12, 374-393.	4.8	50
20	Calorie restriction and its impact on gut microbial composition and global metabolism. <i>Frontiers of Medicine</i> , 2018, 12, 634-644.	1.5	49
21	Conjugated secondary 12 $\alpha$ -hydroxylated bile acids promote liver fibrogenesis. <i>EBioMedicine</i> , 2021, 66, 103290.	2.7	47
22	Distinct Metabolomic Profiles of Papillary Thyroid Carcinoma and Benign Thyroid Adenoma. <i>Journal of Proteome Research</i> , 2015, 14, 3315-3321.	1.8	45
23	Pediatric Obstructive Sleep Apnea is Associated With Changes in the Oral Microbiome and Urinary Metabolomics Profile: A Pilot Study. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1559-1567.	1.4	38
24	Age-related compositional changes and correlations of gut microbiome, serum metabolome, and immune factor in rats. <i>GeroScience</i> , 2021, 43, 709-725.	2.1	37
25	Food withdrawal alters the gut microbiota and metabolome in mice. <i>FASEB Journal</i> , 2018, 32, 4878-4888.	0.2	34
26	Strategy for an Association Study of the Intestinal Microbiome and Brain Metabolome Across the Lifespan of Rats. <i>Analytical Chemistry</i> , 2018, 90, 2475-2483.	3.2	32
27	Pu-erh Tea Regulates Fatty Acid Metabolism in Mice Under High-Fat Diet. <i>Frontiers in Pharmacology</i> , 2019, 10, 63.	1.6	32
28	Anti-Adipogenic Effect of Theabrownin Is Mediated by Bile Acid Alternative Synthesis via Gut Microbiota Remodeling. <i>Metabolites</i> , 2020, 10, 475.	1.3	31
29	Serum lipid alterations identified in chronic hepatitis B, hepatitis B virus-associated cirrhosis and carcinoma patients. <i>Scientific Reports</i> , 2017, 7, 42710.	1.6	27
30	Evaluation of metabolite-microbe correlation detection methods. <i>Analytical Biochemistry</i> , 2019, 567, 106-111.	1.1	27
31	The ratio of dihomoclinolenic acid to deoxycholic acid species is a potential biomarker for the metabolic abnormalities in obesity. <i>FASEB Journal</i> , 2017, 31, 3904-3912.	0.2	24
32	Ursodeoxycholic Acid Alters Bile Acid and Fatty Acid Profiles in a Mouse Model of Diet-Induced Obesity. <i>Frontiers in Pharmacology</i> , 2019, 10, 842.	1.6	24
33	Solid-state fermented Chinese alcoholic beverage (baijiu) and ethanol resulted in distinct metabolic and microbiome responses. <i>FASEB Journal</i> , 2019, 33, 7274-7288.	0.2	20
34	Increased levels of conjugated bile acids are associated with human bile reflux gastritis. <i>Scientific Reports</i> , 2020, 10, 11601.	1.6	19
35	Bile Acid-Microbiome Interaction Promotes Gastric Carcinogenesis. <i>Advanced Science</i> , 2022, 9, e2200263.	5.6	19
36	Human Fecal Microbiota Transplantation Reduces the Susceptibility to Dextran Sulfate Sodium-Induced Germ-Free Mouse Colitis. <i>Frontiers in Immunology</i> , 2022, 13, 836542.	2.2	13

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37	Theabrownin and Poria cocos Polysaccharide Improve Lipid Metabolism via Modulation of Bile Acid and Fatty Acid Metabolism. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	12
38	Metabolomic profiling in colorectal cancer: opportunities for personalized medicine. <i>Personalized Medicine</i> , 2013, 10, 741-755.	0.8	8
39	Serum Amino Acid Profiles Predict the Development of Hepatocellular Carcinoma in Patients with Chronic HBV Infection. <i>ACS Omega</i> , 2022, 7, 15795-15808.	1.6	7
40	Hyocholic acid and glyceimic regulation: <i>comments on “Hyocholic acid species improve glucose homeostasis through a distinct TGR5 and FXR signaling mechanism”</i>. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 460-462.	1.5	6
41	The microbial metabolome in metabolic-associated fatty liver disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2022, 37, 15-23.	1.4	6
42	Association between serum haptoglobin and carotid arterial functions: usefulness of a targeted metabolomics approach. <i>Cardiovascular Diabetology</i> , 2019, 18, 8.	2.7	4
43	Metabolomics Analysis on Obesity-Related Obstructive Sleep Apnea After Weight Loss Management: A Preliminary Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 761547.	1.5	4
44	Integrated profiling of metabolites and trace elements reveals a multifaceted malnutrition in pregnant women from a region with a high prevalence of congenital malformations. <i>Metabolomics</i> , 2012, 8, 831-844.	1.4	3
45	MCEE 2.0: more options and enhanced performance. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5089-5098.	1.9	3