Yunjia Lai

List of Publications by Year in Descending Order

22 papers	433 citations	12 h-index	20 g-index
24 ext. papers	713 ext. citations	7.4 avg, IF	3.75 L-index

#	Paper	IF	Citations
22	High-coverage metabolomics uncovers microbiota-driven biochemical landscape of interorgan transport and gut-brain communication in mice. *Nature Communications*, **2021**, 12, 6000	17.4	11
21	Effects of Acute 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Exposure on the Circulating and Cecal Metabolome Profile. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
20	The gut microbiome and arsenic-induced disease-iAs metabolism in mice. *Current Environmental Health Reports*, **2021**, 8, 89-97	6.5	3
19	Rationally designed bacterial consortia to treat chronic immune-mediated colitis and restore intestinal homeostasis. *Nature Communications*, **2021**, 12, 3105	17.4	17
18	Detection of gut microbiota and pathogen produced N-acyl homoserine in host circulation and tissues. *Npj Biofilms and Microbiomes*, **2021**, 7, 53	8.2	3
17	Metabolites from midtrimester plasma of pregnant patients at high risk for preterm birth. *American Journal of Obstetrics & Gynecology MFM*, **2021**, 3, 100393	7.4	1
16	High-Resolution Metabolomics of 50 Neurotransmitters and Tryptophan Metabolites in Feces, Serum, and Brain Tissues Using UHPLC-ESI-Q Exactive Mass Spectrometry. *ACS Omega*, **2021**, 6, 8094-8103	3.9	1
15	Metabolite Profiling of the Gut Microbiome in Mice with Dietary Administration of Black Raspberries. *ACS Omega*, **2020**, 5, 1318-1325	3.9	6
14	Multi-omics analyses of radiation survivors identify radioprotective microbes and metabolites. *Science*, **2020**, 370,	33.3	81
13	Lipid and Cholesterol Homeostasis after Arsenic Exposure and Antibiotic Treatment in Mice: Potential Role of the Microbiota. *Environmental Health Perspectives*, **2019**, 127, 97002	8.4	26
12	Chronic Arsenic Exposure Induces Oxidative Stress and Perturbs Serum Lysolipids and Fecal Unsaturated Fatty Acid Metabolism. *Chemical Research in Toxicology*, **2019**, 32, 1204-1211	4	18
11	Subchronic low-dose 2,4-D exposure changed plasma acylcarnitine levels and induced gut microbiome perturbations in mice. *Scientific Reports*, **2019**, 9, 4363	4.9	11
10	Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in Crohnæs Disease. *Molecules*, **2019**, 24,	4.8	32
9	Towards Mass Spectrometry-Based Chemical Exposome: Current Approaches, Challenges, and Future Directions. *Toxics*, **2019**, 7,	4.7	14
8	Serum Metabolomics Reveals That Gut Microbiome Perturbation Mediates Metabolic Disruption Induced by Arsenic Exposure in Mice. *Journal of Proteome Research*, **2019**, 18, 1006-1018	5.6	11
7	Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice. *Archives of Toxicology*, **2019**, 93, 25-35	5.8	39
6	Individual susceptibility to arsenic-induced diseases: the role of host genetics, nutritional status, and the gut microbiome. *Mammalian Genome*, **2018**, 29, 63-79	3.2	16

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5	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. *Molecules*, **2018**, 23,	4.8	41
4	Equilibrium State of PAHs in Bottom Sediment-Water-Suspended Sediment System of a Large River Considering Freely Dissolved Concentrations. *Journal of Environmental Quality*, **2015**, 44, 823-32	3.4	15
3	Effect of water–sediment regulation of the Xiaolangdi Reservoir on the concentrations, bioavailability, and fluxes of PAHs in the middle and lower reaches of the Yellow River. *Journal of Hydrology*, **2015**, 527, 101-112	6	46
2	Response of PAH-degrading genes to PAH bioavailability in the overlying water, suspended sediment, and deposited sediment of the Yangtze River. *Chemosphere*, **2015**, 128, 236-44	8.4	27
1	Levels and distribution of total nitrogen and total phosphorous in urban soils of Beijing, China. *Environmental Earth Sciences*, **2013**, 69, 1571-1577	2.9	12