

Yunjia Lai

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Multi-omics analyses of radiation survivors identify radioprotective microbes and metabolites. <i>Science</i> , 2020 , 370,	33.3	81
21	Effect of waterBEdiment regulation of the Xiaolangdi Reservoir on the concentrations, bioavailability, and fluxes of PAHs in the middle and lower reaches of the Yellow River. <i>Journal of Hydrology</i> , 2015 , 527, 101-112	6	46
20	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. <i>Molecules</i> , 2018 , 23,	4.8	41
19	Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice. <i>Archives of Toxicology</i> , 2019 , 93, 25-35	5.8	39
18	Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in Crohn's Disease. <i>Molecules</i> , 2019 , 24,	4.8	32
17	Response of PAH-degrading genes to PAH bioavailability in the overlying water, suspended sediment, and deposited sediment of the Yangtze River. <i>Chemosphere</i> , 2015 , 128, 236-44	8.4	27
16	Lipid and Cholesterol Homeostasis after Arsenic Exposure and Antibiotic Treatment in Mice: Potential Role of the Microbiota. <i>Environmental Health Perspectives</i> , 2019 , 127, 97002	8.4	26
15	Chronic Arsenic Exposure Induces Oxidative Stress and Perturbs Serum Lysolipids and Fecal Unsaturated Fatty Acid Metabolism. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1204-1211	4	18
14	Rationally designed bacterial consortia to treat chronic immune-mediated colitis and restore intestinal homeostasis. <i>Nature Communications</i> , 2021 , 12, 3105	17.4	17
13	Individual susceptibility to arsenic-induced diseases: the role of host genetics, nutritional status, and the gut microbiome. <i>Mammalian Genome</i> , 2018 , 29, 63-79	3.2	16
12	Equilibrium State of PAHs in Bottom Sediment-Water-Suspended Sediment System of a Large River Considering Freely Dissolved Concentrations. <i>Journal of Environmental Quality</i> , 2015 , 44, 823-32	3.4	15
11	Towards Mass Spectrometry-Based Chemical Exposome: Current Approaches, Challenges, and Future Directions. <i>Toxics</i> , 2019 , 7,	4.7	14
10	Levels and distribution of total nitrogen and total phosphorous in urban soils of Beijing, China. <i>Environmental Earth Sciences</i> , 2013 , 69, 1571-1577	2.9	12
9	Subchronic low-dose 2,4-D exposure changed plasma acylcarnitine levels and induced gut microbiome perturbations in mice. <i>Scientific Reports</i> , 2019 , 9, 4363	4.9	11
8	High-coverage metabolomics uncovers microbiota-driven biochemical landscape of interorgan transport and gut-brain communication in mice. <i>Nature Communications</i> , 2021 , 12, 6000	17.4	11
7	Serum Metabolomics Reveals That Gut Microbiome Perturbation Mediates Metabolic Disruption Induced by Arsenic Exposure in Mice. <i>Journal of Proteome Research</i> , 2019 , 18, 1006-1018	5.6	11
6	Metabolite Profiling of the Gut Microbiome in Mice with Dietary Administration of Black Raspberries. <i>ACS Omega</i> , 2020 , 5, 1318-1325	3.9	6

5	The gut microbiome and arsenic-induced disease-iAs metabolism in mice. <i>Current Environmental Health Reports</i> , 2021 , 8, 89-97	6.5	3
4	Detection of gut microbiota and pathogen produced N-acyl homoserine in host circulation and tissues. <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 53	8.2	3
3	Effects of Acute 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Exposure on the Circulating and Cecal Metabolome Profile. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
2	Metabolites from midtrimester plasma of pregnant patients at high risk for preterm birth. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2021 , 3, 100393	7.4	1
1	High-Resolution Metabolomics of 50 Neurotransmitters and Tryptophan Metabolites in Feces, Serum, and Brain Tissues Using UHPLC-ESI-Q Exactive Mass Spectrometry. <i>ACS Omega</i> , 2021 , 6, 8094-8103	3.9	1