Yunjia Lai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2912716/publications.pdf

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23	956	516561 16	642610 23
papers	citations	h-index	g-index

24	24	24	1211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-omics analyses of radiation survivors identify radioprotective microbes and metabolites. Science, 2020, 370, .	6.0	260
2	Rationally designed bacterial consortia to treat chronic immune-mediated colitis and restore intestinal homeostasis. Nature Communications, 2021, 12, 3105.	5.8	82
3	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. Molecules, 2018, 23, 367.	1.7	75
4	High-coverage metabolomics uncovers microbiota-driven biochemical landscape of interorgan transport and gut-brain communication in mice. Nature Communications, 2021, 12, 6000.	5.8	68
5	Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice. Archives of Toxicology, 2019, 93, 25-35.	1.9	63
6	Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in Crohnâ€™s Disease. Molecules, 2019, 24, 449.	1.7	55
7	Effect of waterâ€“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.	2.3	54
8	Lipid and Cholesterol Homeostasis after Arsenic Exposure and Antibiotic Treatment in Mice: Potential Role of the Microbiota. Environmental Health Perspectives, 2019, 127, 97002.	2.8	40
9	Response of PAH-degrading genes to PAH bioavailability in the overlying water, suspended sediment, and deposited sediment of the Yangtze River. Chemosphere, 2015, 128, 236-244.	4.2	33
10	Chronic Arsenic Exposure Induces Oxidative Stress and Perturbs Serum Lysolipids and Fecal Unsaturated Fatty Acid Metabolism. Chemical Research in Toxicology, 2019, 32, 1204-1211.	1.7	30
11	Individual susceptibility to arsenic-induced diseases: the role of host genetics, nutritional status, and the gut microbiome. Mammalian Genome, 2018, 29, 63-79.	1.0	27
12	Towards Mass Spectrometry-Based Chemical Exposome: Current Approaches, Challenges, and Future Directions. Toxics, 2019, 7, 41.	1.6	25
13	Subchronic low-dose 2,4-D exposure changed plasma acylcarnitine levels and induced gut microbiome perturbations in mice. Scientific Reports, 2019, 9, 4363.	1.6	22
14	Detection of gut microbiota and pathogen produced N-acyl homoserine in host circulation and tissues. Npj Biofilms and Microbiomes, 2021, 7, 53.	2.9	20
15	Serum Metabolomics Reveals That Gut Microbiome Perturbation Mediates Metabolic Disruption Induced by Arsenic Exposure in Mice. Journal of Proteome Research, 2019, 18, 1006-1018.	1.8	19
16	The gut microbiome and arsenic-induced diseaseâ€”iAs metabolism in mice. Current Environmental Health Reports, 2021, 8, 89-97.	3.2	18
17	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, 823-832.	1.0	17
18	Levels and distribution of total nitrogen and total phosphorous in urban soils of Beijing, China. Environmental Earth Sciences, 2013, 69, 1571-1577.	1.3	13

#	Article	IF	Citations
19	Metabolite Profiling of the Gut Microbiome in Mice with Dietary Administration of Black Raspberries. ACS Omega, 2020, 5, 1318-1325.	1.6	10
20	Metabolites from midtrimester plasma of pregnant patients at high risk for preterm birth. American Journal of Obstetrics & Gynecology MFM, 2021, 3, 100393.	1.3	8
21	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.	1.6	7
22	Toward Elucidating the Human Gut Microbiotaâ€“Brain Axis: Molecules, Biochemistry, and Implications for Health and Diseases. Biochemistry, 2022, 61, 2806-2821.	1.2	6
23	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, 11801.	1.8	2