

Pengcheng Tu

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.

33
papers

974
citations

18
h-index

31
g-index

38
ext. papers

1,387
ext. citations

4.9
avg, IF

4.54
L-index

#	Paper	IF	Citations
33	Gut Microbiome Response to Sucralose and Its Potential Role in Inducing Liver Inflammation in Mice. <i>Frontiers in Physiology</i> , 2017 , 8, 487	4.6	108
32	The artificial sweetener acesulfame potassium affects the gut microbiome and body weight gain in CD-1 mice. <i>PLoS ONE</i> , 2017 , 12, e0178426	3.7	103
31	Multi-Omics Reveals that Lead Exposure Disturbs Gut Microbiome Development, Key Metabolites, and Metabolic Pathways. <i>Chemical Research in Toxicology</i> , 2017 , 30, 996-1005	4	91
30	Saccharin induced liver inflammation in mice by altering the gut microbiota and its metabolic functions. <i>Food and Chemical Toxicology</i> , 2017 , 107, 530-539	4.7	80
29	The Effects of an Environmentally Relevant Level of Arsenic on the Gut Microbiome and Its Functional Metagenome. <i>Toxicological Sciences</i> , 2017 , 160, 193-204	4.4	57
28	Sex-Specific Effects of Arsenic Exposure on the Trajectory and Function of the Gut Microbiome. <i>Chemical Research in Toxicology</i> , 2016 , 29, 949-51	4	49
27	Nicotine Alters the Gut Microbiome and Metabolites of Gut-Brain Interactions in a Sex-Specific Manner. <i>Chemical Research in Toxicology</i> , 2017 , 30, 2110-2119	4	44
26	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. <i>Molecules</i> , 2018 , 23,	4.8	41
25	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
24	Manganese-induced sex-specific gut microbiome perturbations in C57BL/6 mice. <i>Toxicology and Applied Pharmacology</i> , 2017 , 331, 142-153	4.6	34
23	Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in Crohn's Disease. <i>Molecules</i> , 2019 , 24,	4.8	32
22	Characterization of the Functional Changes in Mouse Gut Microbiome Associated with Increased Population Modulated by Dietary Black Raspberries. <i>ACS Omega</i> , 2018 , 3, 10927-10937	3.9	30
21	Gut Microbiome Toxicity: Connecting the Environment and Gut Microbiome-Associated Diseases. <i>Toxics</i> , 2020 , 8,	4.7	27
20	The Carbamate Aldicarb Altered the Gut Microbiome, Metabolome, and Lipidome of C57BL/6J Mice. <i>Chemical Research in Toxicology</i> , 2019 , 32, 67-79	4	27
19	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
18	Profound perturbation induced by triclosan exposure in mouse gut microbiome: a less resilient microbial community with elevated antibiotic and metal resistomes. <i>BMC Pharmacology & Toxicology</i> , 2017 , 18, 46	2.6	26
17	Editor's Highlight: Organophosphate Diazinon Altered Quorum Sensing, Cell Motility, Stress Response, and Carbohydrate Metabolism of Gut Microbiome. <i>Toxicological Sciences</i> , 2017 , 157, 354-364	4.4	23

16	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
15	The organophosphate malathion disturbs gut microbiome development and the quorum-Sensing system. <i>Toxicology Letters</i> , 2018 , 283, 52-57	4.4	18
14	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
13	Isobaric Labeling Quantitative Metaproteomics for the Study of Gut Microbiome Response to Arsenic. <i>Journal of Proteome Research</i> , 2019 , 18, 970-981	5.6	15
12	Quantitative proteomics reveals systematic dysregulations of liver protein metabolism in sucralose-treated mice. <i>Journal of Proteomics</i> , 2019 , 196, 1-10	3.9	11
11	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
10	An Introduction to Next Generation Sequencing Bioinformatic Analysis in Gut Microbiome Studies. <i>Biomolecules</i> , 2021 , 11,	5.9	11
9	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
8	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
7	Cyanidin-3-glucoside prevents nano-plastics induced toxicity via activating autophagy and promoting discharge. <i>Environmental Pollution</i> , 2021 , 274, 116524	9.3	4
6	Dietary administration of black raspberries modulates arsenic biotransformation and reduces urinary 8-oxo-2Xdeoxyguanosine in mice. <i>Toxicology and Applied Pharmacology</i> , 2019 , 377, 114633	4.6	3
5	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
4	Food-derived cyanidin-3--glucoside alleviates oxidative stress: evidence from the islet cell line and diabetic db/db mice. <i>Food and Function</i> , 2021 , 12, 11599-11610	6.1	2
3	Metabolomics reveals key resistant responses in tomato fruit induced by .. <i>Food Chemistry Molecular Sciences</i> , 2022 , 4, 100066	1	1
2	Studies of xenobiotic-induced gut microbiota dysbiosis: from correlation to mechanisms. <i>Gut Microbes</i> , 2021 , 13, 1921912	8.8	1
1	A Rapid Screening Method of Candidate Probiotics for Inflammatory Bowel Diseases and the Anti-inflammatory Effect of the Selected Strain XY1.. <i>Frontiers in Microbiology</i> , 2021 , 12, 760385	5.7	1