Pengcheng Tu

List of Publications by Year in Descending Order

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	Metabolomics reveals key resistant responses in tomato fruit induced by .. *Food Chemistry Molecular Sciences*, **2022**, 4, 100066	1	1
32	Canidin-3-glucoside prevents nano-plastics induced toxicity via activating autophagy and promoting discharge. *Environmental Pollution*, **2021**, 274, 116524	9.3	4
31	An Introduction to Next Generation Sequencing Bioinformatic Analysis in Gut Microbiome Studies. *Biomolecules*, **2021**, 11,	5.9	11
30	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
29	Studies of xenobiotic-induced gut microbiota dysbiosis: from correlation to mechanisms. *Gut Microbes*, **2021**, 13, 1921912	8.8	1
28	Food-derived cyanidin-3--glucoside alleviates oxidative stress: evidence from the islet cell line and diabetic db/db mice. *Food and Function*, **2021**, 12, 11599-11610	6.1	2
27	A Rapid Screening Method of Candidate Probiotics for Inflammatory Bowel Diseases and the Anti-inflammatory Effect of the Selected Strain XY1.. *Frontiers in Microbiology*, **2021**, 12, 760385	5.7	1
26	Gut Microbiome Toxicity: Connecting the Environment and Gut Microbiome-Associated Diseases. *Toxics*, **2020**, 8,	4.7	27
25	Metabolite Profiling of the Gut Microbiome in Mice with Dietary Administration of Black Raspberries. *ACS Omega*, **2020**, 5, 1318-1325	3.9	6
24	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
23	Quantitative proteomics reveals systematic dysregulations of liver protein metabolism in sucralose-treated mice. *Journal of Proteomics*, **2019**, 196, 1-10	3.9	11
22	Dietary administration of black raspberries modulates arsenic biotransformation and reduces urinary 8-oxo-2Xdeoxyguanosine in mice. *Toxicology and Applied Pharmacology*, **2019**, 377, 114633	4.6	3
21	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
20	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
19	Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in CrohnX Disease. *Molecules*, **2019**, 24,	4.8	32
18	Isobaric Labeling Quantitative Metaproteomics for the Study of Gut Microbiome Response to Arsenic. *Journal of Proteome Research*, **2019**, 18, 970-981	5.6	15
17	The Carbamate Aldicarb Altered the Gut Microbiome, Metabolome, and Lipidome of C57BL/6J Mice. *Chemical Research in Toxicology*, **2019**, 32, 67-79	4	27

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16	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
15	Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice. *Archives of Toxicology*, **2019**, 93, 25-35	5.8	39
14	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
13	The organophosphate malathion disturbs gut microbiome development and the quorum-Sensing system. *Toxicology Letters*, **2018**, 283, 52-57	4.4	18
12	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. *Molecules*, **2018**, 23,	4.8	41
11	Characterization of the Functional Changes in Mouse Gut Microbiome Associated with Increased Population Modulated by Dietary Black Raspberries. *ACS Omega*, **2018**, 3, 10927-10937	3.9	30
10	Multi-Omics Reveals that Lead Exposure Disturbs Gut Microbiome Development, Key Metabolites, and Metabolic Pathways. *Chemical Research in Toxicology*, **2017**, 30, 996-1005	4	91
9	Saccharin induced liver inflammation in mice by altering the gut microbiota and its metabolic functions. *Food and Chemical Toxicology*, **2017**, 107, 530-539	4.7	80
8	Manganese-induced sex-specific gut microbiome perturbations in C57BL/6 mice. *Toxicology and Applied Pharmacology*, **2017**, 331, 142-153	4.6	34
7	EditorX Highlight: OrganophosphateDiazinon Altered Quorum Sensing, Cell Motility, Stress Response, and Carbohydrate Metabolism of Gut Microbiome. *Toxicological Sciences*, **2017**, 157, 354-364	4.4	23
6	Nicotine Alters the Gut Microbiome and Metabolites of Gut-Brain Interactions in a Sex-Specific Manner. *Chemical Research in Toxicology*, **2017**, 30, 2110-2119	4	44
5	The artificial sweetener acesulfame potassium affects the gut microbiome and body weight gain in CD-1 mice. *PLoS ONE*, **2017**, 12, e0178426	3.7	103
4	The Effects of an Environmentally Relevant Level of Arsenic on the Gut Microbiome and Its Functional Metagenome. *Toxicological Sciences*, **2017**, 160, 193-204	4.4	57
3	Profound perturbation induced by triclosan exposure in mouse gut microbiome: a less resilient microbial community with elevated antibiotic and metal resistomes. *BMC Pharmacology & Toxicology*, **2017**, 18, 46	2.6	26
2	Gut Microbiome Response to Sucralose and Its Potential Role in Inducing Liver Inflammation in Mice. *Frontiers in Physiology*, **2017**, 8, 487	4.6	108
1	Sex-Specific Effects of Arsenic Exposure on the Trajectory and Function of the Gut Microbiome. *Chemical Research in Toxicology*, **2016**, 29, 949-51	4	49