Xiaoming Bian

List of Publications by Year
in descending order

22 papers	1,370 citations	17 h-index	21 g-index
22 all docs	22 docs citations	22 times ranked	1741 citing authors

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#	Article	IF	Citations
1	Detecting Glucose Fluctuations in the Campylobacter jejuni N-Glycan Structure. ACS Chemical Biology, 2021, 16, 2690-2701.	3.4	2
2	The gastrointestinal pathogen Campylobacter jejuni metabolizes sugars with potential help from commensal Bacteroides vulgatus. Communications Biology, 2020, 3, 2.	4.4	26
3	Gut Microbiome Toxicity: Connecting the Environment and Gut Microbiome-Associated Diseases. Toxics, 2020, 8, 19.	3.7	66
4	Metabolite Profiling of the Gut Microbiome in Mice with Dietary Administration of Black Raspberries. ACS Omega, 2020, 5, 1318-1325.	3.5	10
5	Dietary administration of black raspberries modulates arsenic biotransformation and reduces urinary 8-oxo-2â€²-deoxyguanosine in mice. Toxicology and Applied Pharmacology, 2019, 377, 114633.	2.8	6
6	Subchronic low-dose 2,4-D exposure changed plasma acylcarnitine levels and induced gut microbiome perturbations in mice. Scientific Reports, 2019, 9, 4363.	3.3	22
7	The organophosphate malathion disturbs gut microbiome development and the quorum-Sensing system. Toxicology Letters, 2018, 283, 52-57.	0.8	28
8	Draft Genome Sequences of Nine Campylobacter hyointestinalis subsp. lawsonii Strains. Microbiology Resource Announcements, 2018, 7, .	0.6	3
9	Characterization of the Functional Changes in Mouse Gut Microbiome Associated with Increased <i>Akkermansia muciniphila</i> Population Modulated by Dietary Black Raspberries. ACS Omega, 2018, 3, 10927-10937.	3.5	49
10	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. Molecules, 2018, 23, 367.	3.8	75
11	Multi-Omics Reveals that Lead Exposure Disturbs Gut Microbiome Development, Key Metabolites, and Metabolic Pathways. Chemical Research in Toxicology, 2017, 30, 996-1005.	3.3	141
12	Saccharin induced liver inflammation in mice by altering the gut microbiota and its metabolic functions. Food and Chemical Toxicology, 2017, 107, 530-539.	3.6	129
13	Manganese-induced sex-specific gut microbiome perturbations in C57BL/6 mice. Toxicology and Applied Pharmacology, 2017, 331, 142-153.	2.8	54
14	Editorâ€™s Highlight: Organophosphate Diazinon Altered Quorum Sensing, Cell Motility, Stress Response, and Carbohydrate Metabolism of Gut Microbiome. Toxicological Sciences, 2017, 157, 354-364.	3.1	33
15	Nicotine Alters the Gut Microbiome and Metabolites of Gutâ€“Brain Interactions in a Sex-Specific Manner. Chemical Research in Toxicology, 2017, 30, 2110-2119.	3.3	66
16	The Effects of an Environmentally Relevant Level of Arsenic on the Gut Microbiome and Its Functional Metagenome. Toxicological Sciences, 2017, 160, 193-204.	3.1	101
17	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.	2.4	37
18	Gut Microbiome Response to Sucralose and Its Potential Role in Inducing Liver Inflammation in Mice. Frontiers in Physiology, 2017, 8, 487.	2.8	184

#	Article	IF	Citations
19	The artificial sweetener acesulfame potassium affects the gut microbiome and body weight gain in CD-1 mice. PLoS ONE, 2017, 12, e0178426.	2.5	175
20	Sex-Specific Effects of Organophosphate Diazinon on the Gut Microbiome and Its Metabolic Functions. Environmental Health Perspectives, 2017, 125, 198-206.	6.0	96
21	Sex-Specific Effects of Arsenic Exposure on the Trajectory and Function of the Gut Microbiome. Chemical Research in Toxicology, 2016, 29, 949-951.	3.3	63
22	A Black Raspberry-Rich Diet Protects From Dextran Sulfate Sodium-Induced Intestinal Inflammation and Host Metabolic Perturbation in Association With Increased Aryl Hydrocarbon Receptor Ligands in the Gut Microbiota of Mice. Frontiers in Nutrition, 0, 9, .	3.7	4