

Bei Gao

List of Publications by Year in descending order

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57
papers

3,136
citations

159585

30
h-index

168389

53
g-index

59
all docs

59
docs citations

59
times ranked

3866
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Applied to Omics Datasets Predicts Mortality in Patients with Alcoholic Hepatitis. <i>Metabolites</i> , 2022, 12, 41.	2.9	6
2	Lipidomics for the Prediction of Progressive Liver Disease in Patients with Alcohol Use Disorder. <i>Metabolites</i> , 2022, 12, 433.	2.9	6
3	Untargeted Metabolomics Reveal Parenteral Nutrition-Associated Alterations in Pediatric Patients with Short Bowel Syndrome. <i>Metabolites</i> , 2022, 12, 600.	2.9	2
4	The selective PPAR-delta agonist seladelpar reduces ethanol-induced liver disease by restoring gut barrier function and bile acid homeostasis in mice. <i>Translational Research</i> , 2021, 227, 1-14.	5.0	13
5	Microbial Products and Metabolites Contributing to Alcohol-Related Liver Disease. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000023.	3.3	13
6	Comparing Stable Isotope Enrichment by Gas Chromatography with Time-of-Flight, Quadrupole Time-of-Flight, and Quadrupole Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 2174-2182.	6.5	4
7	Serum Acylcarnitines Associated with High Short-Term Mortality in Patients with Alcoholic Hepatitis. <i>Biomolecules</i> , 2021, 11, 281.	4.0	7
8	Fungi-Bacteria Correlation in Alcoholic Hepatitis Patients. <i>Toxins</i> , 2021, 13, 143.	3.4	12
9	Gut Microbiota and Host Cometabolism Are Altered by Patiromer-Induced Changes in Serum and Stool Potassium. <i>Kidney International Reports</i> , 2021, 6, 821-829.	0.8	4
10	Improved Microbial Community Characterization of 16S rRNA via Metagenome Hybridization Capture Enrichment. <i>Frontiers in Microbiology</i> , 2021, 12, 644662.	3.5	23
11	An Introduction to Next Generation Sequencing Bioinformatic Analysis in Gut Microbiome Studies. <i>Biomolecules</i> , 2021, 11, 530.	4.0	62
12	Intestinal Î±1-2-Fucosylation Contributes to Obesity and Steatohepatitis in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 293-320.	4.5	14
13	Integrative Analysis of Metabolome and Microbiome in Patients with Progressive Alcohol-Associated Liver Disease. <i>Metabolites</i> , 2021, 11, 766.	2.9	3
14	RTP: One Effective Platform to Probe Reactive Compound Transformation Products and Its Applications for a Reactive Plasticizer BADGE. <i>Environmental Science & Technology</i> , 2021, 55, 16034-16043.	10.0	4
15	Butyrate producing microbiota are reduced in chronic kidney diseases. <i>Scientific Reports</i> , 2021, 11, 23530.	3.3	17
16	Changes in the fecal bacterial microbiota associated with disease severity in alcoholic hepatitis patients. <i>Gut Microbes</i> , 2020, 12, 1785251.	9.8	60
17	Transcriptomic Profiling Identifies Novel Hepatic and Intestinal Genes Following Chronic Plus Binge Ethanol Feeding in Mice. <i>Digestive Diseases and Sciences</i> , 2020, 65, 3592-3604.	2.3	11
18	Functional Microbiomics Reveals Alterations of the Gut Microbiome and Host Co-Metabolism in Patients With Alcoholic Hepatitis. <i>Hepatology Communications</i> , 2020, 4, 1168-1182.	4.3	22

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19	A Pilot Study on the Effect of Prebiotic on Host-Microbial Co-metabolism in Peritoneal Dialysis Patients. <i>Kidney International Reports</i> , 2020, 5, 1309-1315.	0.8	12
20	SO046REGULATION OF GUT MICROBIOTA AND HOST CO-METABOLISM BY POTASSIUM HOMEOSTASIS IN PATIENTS ON HEMODIALYSIS. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0
21	Functional Microbial Responses to Alcohol Abstinence in Patients With Alcohol Use Disorder. <i>Frontiers in Physiology</i> , 2020, 11, 370.	2.8	11
22	Gut Microbiome Toxicity: Connecting the Environment and Gut Microbiome-Associated Diseases. <i>Toxics</i> , 2020, 8, 19.	3.7	66
23	Intestinal Virome Signature Associated With Severity of Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2020, 159, 1839-1852.	1.3	103
24	Intestinal permeability, microbial translocation, changes in duodenal and fecal microbiota, and their associations with alcoholic liver disease progression in humans. <i>Gut Microbes</i> , 2020, 12, 1782157.	9.8	83
25	Deficiency of Intestinal Î±1â€²â€²Fucosylation Exacerbates Ethanolâ€²-Induced Liver Disease in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1842-1851.	2.4	11
26	Intestinal Virome in Patients With Alcoholic Hepatitis. <i>Hepatology</i> , 2020, 72, 2182-2196.	7.3	74
27	Metabolite Profiling of the Gut Microbiome in Mice with Dietary Administration of Black Raspberries. <i>ACS Omega</i> , 2020, 5, 1318-1325.	3.5	10
28	RORÎ³ is a targetable master regulator of cholesterol biosynthesis in a cancer subtype. <i>Nature Communications</i> , 2019, 10, 4621.	12.8	81
29	Dietary administration of black raspberries modulates arsenic biotransformation and reduces urinary 8-oxo-2â€²-deoxyguanosine in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 377, 114633.	2.8	6
30	Metabolic Reprogramming by MYCN Confers Dependence on the Serine-Glycine-One-Carbon Biosynthetic Pathway. <i>Cancer Research</i> , 2019, 79, 3837-3850.	0.9	68
31	Serum and Fecal Oxylipins in Patients with Alcohol-Related Liver Disease. <i>Digestive Diseases and Sciences</i> , 2019, 64, 1878-1892.	2.3	35
32	Multi-Omics Analyses Detail Metabolic Reprogramming in Lipids, Carnitines, and Use of Glycolytic Intermediates between Prostate Small Cell Neuroendocrine Carcinoma and Prostate Adenocarcinoma. <i>Metabolites</i> , 2019, 9, 82.	2.9	27
33	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.	3.3	22
34	Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in Crohnâ€™s Disease. <i>Molecules</i> , 2019, 24, 449.	3.8	55
35	Bacteriophage targeting of gut bacterium attenuates alcoholic liver disease. <i>Nature</i> , 2019, 575, 505-511.	27.8	493
36	The Carbamate Aldicarb Altered the Gut Microbiome, Metabolome, and Lipidome of C57BL/6J Mice. <i>Chemical Research in Toxicology</i> , 2019, 32, 67-79.	3.3	37

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37	Bacteria engineered to produce IL-22 in intestine induce expression of REG3G to reduce ethanol-induced liver disease in mice. <i>Gut</i> , 2019, 68, 1504-1515.	12.1	202
38	Adapterama II: universal amplicon sequencing on Illumina platforms (TaggiMatrix). <i>PeerJ</i> , 2019, 7, e7786.	2.0	47
39	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.	2.2	27
40	The organophosphate malathion disturbs gut microbiome development and the quorum-Sensing system. <i>Toxicology Letters</i> , 2018, 283, 52-57.	0.8	28
41	Characterization of the Functional Changes in Mouse Gut Microbiome Associated with Increased <i>Akkermansia muciniphila</i> Population Modulated by Dietary Black Raspberries. <i>ACS Omega</i> , 2018, 3, 10927-10937.	3.5	49
42	Integrated Serum and Fecal Metabolomics Study of Collagen-Induced Arthritis Rats and the Therapeutic Effects of the Zushima Tablet. <i>Frontiers in Pharmacology</i> , 2018, 9, 891.	3.5	40
43	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. <i>Molecules</i> , 2018, 23, 367.	3.8	75
44	Gut microbial and metabolomic profiles after fecal microbiota transplantation in pediatric ulcerative colitis patients. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	73
45	Tracking Polymicrobial Metabolism in Cystic Fibrosis Airways: <i>Pseudomonas aeruginosa</i> Metabolism and Physiology Are Influenced by <i>Rothia mucilaginosa</i> -Derived Metabolites. <i>MSphere</i> , 2018, 3, .	2.9	34
46	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.	3.3	141
47	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.	3.6	129
48	Manganese-induced sex-specific gut microbiome perturbations in C57BL/6 mice. <i>Toxicology and Applied Pharmacology</i> , 2017, 331, 142-153.	2.8	54
49	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.	3.1	33
50	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.	3.3	66
51	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.	3.1	101
52	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.	2.4	37
53	Gut Microbiome Response to Sucralose and Its Potential Role in Inducing Liver Inflammation in Mice. <i>Frontiers in Physiology</i> , 2017, 8, 487.	2.8	184
54	The artificial sweetener acesulfame potassium affects the gut microbiome and body weight gain in CD-1 mice. <i>PLoS ONE</i> , 2017, 12, e0178426.	2.5	175

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55	Sex-Specific Effects of Organophosphate Diazinon on the Gut Microbiome and Its Metabolic Functions. Environmental Health Perspectives, 2017, 125, 198-206.	6.0	96
56	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
57	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