# 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 | Bacteriophage targeting of gut bacterium attenuates alcoholic liver disease. Nature, 2019, 575, 505-511. | 27.8 | 493 |
| 2 | Bacteria engineered to produce IL-22 in intestine induce expression of REG3G to reduce ethanol-induced liver disease in mice. Gut, 2019, 68, 1504-1515. | 12.1 | 202 |
| 3 | Gut Microbiome Response to Sucralose and Its Potential Role in Inducing Liver Inflammation in Mice. Frontiers in Physiology, 2017, 8, 487. | 2.8 | 184 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Intestinal Virome Signature Associated With Severity of Nonalcoholic Fatty Liver Disease. Gastroenterology, 2020, 159, 1839-1852. | 1.3 | 103 |
| 8 | 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 |
| 9 | Sex-Specific Effects of Organophosphate Diazinon on the Gut Microbiome and Its Metabolic Functions. Environmental Health Perspectives, 2017, 125, 198-206. | 6.0 | 96 |
| 10 | Intestinal permeability, microbial translocation, changes in duodenal and fecal microbiota, and their associations with alcoholic liver disease progression in humans. Gut Microbes, 2020, 12, 1782157. | 9.8 | 83 |
| 11 | RORÎ³ is a targetable master regulator of cholesterol biosynthesis in a cancer subtype. Nature Communications, 2019, 10, 4621. | 12.8 | 81 |
| 12 | Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. Molecules, 2018, 23, 367. | 3.8 | 75 |
| 13 | Intestinal Virome in Patients With Alcoholic Hepatitis. Hepatology, 2020, 72, 2182-2196. | 7.3 | 74 |
| 14 | Gut microbial and metabolomic profiles after fecal microbiota transplantation in pediatric ulcerative colitis patients. FEMS Microbiology Ecology, 2018, 94, . | 2.7 | 73 |
| 15 | Metabolic Reprogramming by MYCN Confers Dependence on the Serine-Glycine-One-Carbon Biosynthetic Pathway. Cancer Research, 2019, 79, 3837-3850. | 0.9 | 68 |
| 16 | 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 |
| 17 | Gut Microbiome Toxicity: Connecting the Environment and Gut Microbiome-Associated Diseases. Toxics, 2020, 8, 19. | 3.7 | 66 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | An Introduction to Next Generation Sequencing Bioinformatic Analysis in Gut Microbiome Studies. Biomolecules, 2021, 11, 530. | 4.0 | 62 |
| 20 | Changes in the fecal bacterial microbiota associated with disease severity in alcoholic hepatitis patients. Gut Microbes, 2020, 12, 1785251. | 9.8 | 60 |
| 21 | Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in Crohnâ€™s Disease. Molecules, 2019, 24, 449. | 3.8 | 55 |
| 22 | Manganese-induced sex-specific gut microbiome perturbations in C57BL/6 mice. Toxicology and Applied Pharmacology, 2017, 331, 142-153. | 2.8 | 54 |
| 23 | Characterization of the Functional Changes in Mouse Gut Microbiome Associated with Increased Akkermansia muciniphila Population Modulated by Dietary Black Raspberries. ACS Omega, 2018, 3, 10927-10937. | 3.5 | 49 |
| 24 | Adapterama II: universal amplicon sequencing on Illumina platforms (TaggiMatrix). PeerJ, 2019, 7, e7786. | 2.0 | 47 |
| 25 | Integrated Serum and Fecal Metabolomics Study of Collagen-Induced Arthritis Rats and the Therapeutic Effects of the Zushima Tablet. Frontiers in Pharmacology, 2018, 9, 891. | 3.5 | 40 |
| 26 | 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 |
| 27 | The Carbamate Aldicarb Altered the Gut Microbiome, Metabolome, and Lipidome of C57BL/6J Mice. Chemical Research in Toxicology, 2019, 32, 67-79. | 3.3 | 37 |
| 28 | Serum and Fecal Oxylipins in Patients with Alcohol-Related Liver Disease. Digestive Diseases and Sciences, 2019, 64, 1878-1892. | 2.3 | 35 |
| 29 | Tracking Polymicrobial Metabolism in Cystic Fibrosis Airways: Pseudomonas aeruginosa Metabolism and Physiology Are Influenced by Rothia mucilaginosa-Derived Metabolites. MSphere, 2018, 3, . | 2.9 | 34 |
| 30 | 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 |
| 31 | The organophosphate malathion disturbs gut microbiome development and the quorum-Sensing system. Toxicology Letters, 2018, 283, 52-57. | 0.8 | 28 |
| 32 | Individual susceptibility to arsenic-induced diseases: the role of host genetics, nutritional status, and the gut microbiome. Mammalian Genome, 2018, 29, 63-79. | 2.2 | 27 |
| 33 | Multi-Omics Analyses Detail Metabolic Reprogramming in Lipids, Carnitines, and Use of Glycolytic Intermediates between Prostate Small Cell Neuroendocrine Carcinoma and Prostate Adenocarcinoma. Metabolites, 2019, 9, 82. | 2.9 | 27 |
| 34 | Improved Microbial Community Characterization of 16S rRNA via Metagenome Hybridization Capture Enrichment. Frontiers in Microbiology, 2021, 12, 644662. | 3.5 | 23 |
| 35 | 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 |
| 36 | Functional Microbiomics Reveals Alterations of the Gut Microbiome and Host Coâ€Metabolism in Patients With Alcoholic Hepatitis. Hepatology Communications, 2020, 4, 1168-1182. | 4.3 | 22 |

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|---|---|---|---|
| 37 | Butyrate producing microbiota are reduced in chronic kidney diseases. Scientific Reports, 2021, 11, 23530. | 3.3 | 17 |
| 38 | Intestinal Î±1-2-Fucosylation Contributes to Obesity and Steatohepatitis in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 293-320. | 4.5 | 14 |
| 39 | The selective PPAR-delta agonist seladelpar reduces ethanol-induced liver disease by restoring gut barrier function and bile acid homeostasis in mice. Translational Research, 2021, 227, 1-14. | 5.0 | 13 |
| 40 | Microbial Products and Metabolites Contributing to Alcoholâ€Related Liver Disease. Molecular Nutrition and Food Research, 2021, 65, e2000023. | 3.3 | 13 |
| 41 | A Pilot Study on the Effect of Prebiotic on Host-Microbial Co-metabolism in Peritoneal Dialysis Patients. Kidney International Reports, 2020, 5, 1309-1315. | 0.8 | 12 |
| 42 | Fungiâ€“Bacteria Correlation in Alcoholic Hepatitis Patients. Toxins, 2021, 13, 143. | 3.4 | 12 |
| 43 | Transcriptomic Profiling Identifies Novel Hepatic and Intestinal Genes Following Chronic Plus Binge Ethanol Feeding in Mice. Digestive Diseases and Sciences, 2020, 65, 3592-3604. | 2.3 | 11 |
| 44 | Functional Microbial Responses to Alcohol Abstinence in Patients With Alcohol Use Disorder. Frontiers in Physiology, 2020, 11, 370. | 2.8 | 11 |
| 45 | Deficiency of Intestinal Î±1â€2â€Fucosylation Exacerbates Ethanolâ€Induced Liver Disease in Mice. Alcoholism: Clinical and Experimental Research, 2020, 44, 1842-1851. | 2.4 | 11 |
| 46 | Metabolite Profiling of the Gut Microbiome in Mice with Dietary Administration of Black Raspberries. ACS Omega, 2020, 5, 1318-1325. | 3.5 | 10 |
| 47 | Serum Acylcarnitines Associated with High Short-Term Mortality in Patients with Alcoholic Hepatitis. Biomolecules, 2021, 11, 281. | 4.0 | 7 |
| 48 | 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 |
| 49 | Machine Learning Applied to Omics Datasets Predicts Mortality in Patients with Alcoholic Hepatitis. Metabolites, 2022, 12, 41. | 2.9 | 6 |
| 50 | Lipidomics for the Prediction of Progressive Liver Disease in Patients with Alcohol Use Disorder. Metabolites, 2022, 12, 433. | 2.9 | 6 |
| 51 | Comparing Stable Isotope Enrichment by Gas Chromatography with Time-of-Flight, Quadrupole Time-of-Flight, and Quadrupole Mass Spectrometry. Analytical Chemistry, 2021, 93, 2174-2182. | 6.5 | 4 |
| 52 | Gut Microbiota and Host Cometabolism Are Altered by Patiromer-Induced Changes in Serum and Stool Potassium. Kidney International Reports, 2021, 6, 821-829. | 0.8 | 4 |
| 53 | RTP: One Effective Platform to Probe Reactive Compound Transformation Products and Its Applications for a Reactive Plasticizer BADGE. Environmental Science & Technology, 2021, 55, 16034-16043. | 10.0 | 4 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Integrative Analysis of Metabolome and Microbiome in Patients with Progressive Alcohol-Associated Liver Disease. Metabolites, 2021, 11, 766. | 2.9 | 3 |
| 56 | Untargeted Metabolomics Reveal Parenteral Nutrition-Associated Alterations in Pediatric Patients with Short Bowel Syndrome. Metabolites, 2022, 12, 600. | 2.9 | 2 |
| 57 | SO046REGULATION OF GUT MICROBIOTA AND HOST CO-METABOLISM BY POTASSIUM HOMEOSTASIS IN PATIENTS ON HEMODIALYSIS. Nephrology Dialysis Transplantation, 2020, 35, . | 0.7 | 0 |