

Peijun Tian

List of Publications by Year in descending order

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41
papers

1,688
citations

304368

22
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301761

39
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docs citations

42
times ranked

1614
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifidobacterium with the role of 5-hydroxytryptophan synthesis regulation alleviates the symptom of depression and related microbiota dysbiosis. <i>Journal of Nutritional Biochemistry</i> , 2019, 66, 43-51.	1.9	169
2	Towards a psychobiotic therapy for depression: Bifidobacterium breve CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. <i>Neurobiology of Stress</i> , 2020, 12, 100216.	1.9	159
3	A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference. <i>Nutrients</i> , 2020, 12, 3197.	1.7	155
4	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015, 54, 23-30.	2.8	109
5	Bifidobacterium breve CCFM1025 attenuates major depression disorder via regulating gut microbiome and tryptophan metabolism: A randomized clinical trial. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 233-241.	2.0	95
6	Antidiabetic (type 2) effects of Lactobacillus G15 and Q14 in rats through regulation of intestinal permeability and microbiota. <i>Food and Function</i> , 2016, 7, 3789-3797.	2.1	86
7	Ingestion of <i>Bifidobacterium longum</i> subspecies <i>infantis</i> strain CCFM687 regulated emotional behavior and the central BDNF pathway in chronic stress-induced depressive mice through reshaping the gut microbiota. <i>Food and Function</i> , 2019, 10, 7588-7598.	2.1	60
8	Acetic acid and butyric acid released in large intestine play different roles in the alleviation of constipation. <i>Journal of Functional Foods</i> , 2020, 69, 103953.	1.6	57
9	Intestinal environmental disorders associate with the tissue damages induced by perfluorooctane sulfonate exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 197, 110590.	2.9	55
10	Lactic acid bacteria reduce diabetes symptoms in mice by alleviating gut microbiota dysbiosis and inflammation in different manners. <i>Food and Function</i> , 2020, 11, 5898-5914.	2.1	51
11	<i>Bifidobacterium adolescentis</i> and <i>Lactobacillus rhamnosus</i> alleviate non-alcoholic fatty liver disease induced by a high-fat, high-cholesterol diet through modulation of different gut microbiota-dependent pathways. <i>Food and Function</i> , 2020, 11, 6115-6127.	2.1	47
12	Targeting gut microbiota: Lactobacillus alleviated type 2 diabetes via inhibiting LPS secretion and activating GPR43 pathway. <i>Journal of Functional Foods</i> , 2017, 38, 561-570.	1.6	44
13	Bifidobacteria attenuate the development of metabolic disorders, with inter- and intra-species differences. <i>Food and Function</i> , 2018, 9, 3509-3522.	2.1	42
14	Administration of Bifidobacterium breve Improves the Brain Function of A β 1-42-Treated Mice via the Modulation of the Gut Microbiome. <i>Nutrients</i> , 2021, 13, 1602.	1.7	41
15	Gut microbiota dysbiosis might be responsible to different toxicity caused by Di-(2-ethylhexyl) phthalate exposure in murine rodents. <i>Environmental Pollution</i> , 2020, 261, 114164.	3.7	39
16	Metagenomic insights into the effects of oligosaccharides on the microbial composition of cecal contents in constipated mice. <i>Journal of Functional Foods</i> , 2017, 38, 486-496.	1.6	33
17	Daily intake of <i>Lactobacillus</i> alleviates autistic-like behaviors by ameliorating the 5-hydroxytryptamine metabolic disorder in VPA-treated rats during weaning and sexual maturation. <i>Food and Function</i> , 2021, 12, 2591-2604.	2.1	33
18	Risks Related to High-Dosage Recombinant Antimicrobial Peptide Microcin J25 in Mice Model: Intestinal Microbiota, Intestinal Barrier Function, and Immune Regulation. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11301-11310.	2.4	31

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19	Consumption of Butylated Starch Alleviates the Chronic Restraint Stress-Induced Neurobehavioral and Gut Barrier Deficits Through Reshaping the Gut Microbiota. <i>Frontiers in Immunology</i> , 2021, 12, 755481.	2.2	30
20	<i>Lactobacillus acidophilus</i> JCM 1132 Strain and Its Mutant with Different Bacteriocin-Producing Behaviour Have Various In Situ Effects on the Gut Microbiota of Healthy Mice. <i>Microorganisms</i> , 2020, 8, 49.	1.6	27
21	Targeting Gut Microbiota Dysbiosis: Potential Intervention Strategies for Neurological Disorders. <i>Engineering</i> , 2020, 6, 415-423.	3.2	26
22	Unraveling the Microbial Mechanisms Underlying the Psychobiotic Potential of a <i>Bifidobacterium breve</i> Strain. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000704.	1.5	24
23	<i>Bifidobacterium breve</i> and <i>Bifidobacterium longum</i> Attenuate Choline-Induced Plasma Trimethylamine N-Oxide Production by Modulating Gut Microbiota in Mice. <i>Nutrients</i> , 2022, 14, 1222.	1.7	24
24	Extraction of Peptidoglycan from <i>L. paracasei</i> subsp. <i>Paracasei</i> X12 and Its Preliminary Mechanisms of Inducing Immunogenic Cell Death in HT-29 Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20033-20049.	1.8	23
25	<i>Lactobacillus paracasei</i> CCFM1229 and <i>Lactobacillus rhamnosus</i> CCFM1228 Alleviated Depression- and Anxiety-Related Symptoms of Chronic Stress-Induced Depression in Mice by Regulating Xanthine Oxidase Activity in the Brain. <i>Nutrients</i> , 2022, 14, 1294.	1.7	23
26	Effects of <i>L. paracasei</i> subsp. <i>paracasei</i> X12 on cell cycle of colon cancer HT-29 cells and regulation of mTOR signalling pathway. <i>Journal of Functional Foods</i> , 2016, 21, 431-439.	1.6	22
27	Modulation of the Gut Microbiota Structure with Probiotics and Isoflavone Alleviates Metabolic Disorder in Ovariectomized Mice. <i>Nutrients</i> , 2021, 13, 1793.	1.7	22
28	A randomised, double-blind, placebo-controlled trial of <i>Bifidobacterium bifidum</i> CCFM16 for manipulation of the gut microbiota and relief from chronic constipation. <i>Food and Function</i> , 2022, 13, 1628-1640.	2.1	21
29	The Effect of Co-infection of Food-Borne Pathogenic Bacteria on the Progression of <i>Campylobacter jejuni</i> Infection in Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 1977.	1.5	19
30	Integrative Metabolomic Characterization Reveals the Mediating Effect of <i>Bifidobacterium breve</i> on Amino Acid Metabolism in a Mouse Model of Alzheimer's Disease. <i>Nutrients</i> , 2022, 14, 735.	1.7	18
31	<i>Bifidobacterium longum</i> CCFM1077 Ameliorated Neurotransmitter Disorder and Neuroinflammation Closely Linked to Regulation in the Kynurenine Pathway of Autistic-like Rats. <i>Nutrients</i> , 2022, 14, 1615.	1.7	15
32	An <i>in vitro</i> screening method for probiotics with antidepressant-like effect using the enterochromaffin cell model. <i>Food and Function</i> , 2021, 12, 646-655.	2.1	12
33	The autistic-like behaviors development during weaning and sexual maturation in VPA-induced autistic-like rats is accompanied by gut microbiota dysbiosis. <i>PeerJ</i> , 2021, 9, e11103.	0.9	12
34	A psychobiotic approach to the treatment of depression: A systematic review and meta-analysis. <i>Journal of Functional Foods</i> , 2022, 91, 104999.	1.6	12
35	Psychobiotics as a novel strategy for alleviating anxiety and depression. <i>Journal of Functional Foods</i> , 2021, 86, 104718.	1.6	11
36	The Diversity of the CRISPR-Cas System and Prophages Present in the Genome Reveals the Co-evolution of <i>Bifidobacterium pseudocatenulatum</i> and Phages. <i>Frontiers in Microbiology</i> , 2020, 11, 1088.	1.5	10

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37	<i>Pediococcus acidilactici</i> CCFM6432 mitigates chronic stress-induced anxiety and gut microbial abnormalities. <i>Food and Function</i> , 2021, 12, 11241-11249.	2.1	10
38	Lactic acid bacteria alleviate di-(2-ethylhexyl) phthalate-induced liver and testis toxicity via their bio-binding capacity, antioxidant capacity and regulation of the gut microbiota. <i>Environmental Pollution</i> , 2022, 305, 119197.	3.7	9
39	Quorum Sensing of Lactic Acid Bacteria: Progress and Insights. <i>Food Reviews International</i> , 2023, 39, 4781-4792.	4.3	6
40	Lactic Acid Bacteria and Host Immunity. , 2019, , 261-296.		4
41	<i>Lactobacillus fermentum</i> Stimulates Intestinal Secretion of Immunoglobulin A in an Individual-Specific Manner. <i>Foods</i> , 2022, 11, 1229.	1.9	2