

Hao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

11,652
citations

57631

44
h-index

34900

98
g-index

188
all docs

188
docs citations

188
times ranked

14901
citing authors

#	ARTICLE	IF	CITATIONS
1	SOAPdenovo2: an empirically improved memory-efficient short-read de novo assembler. <i>GigaScience</i> , 2012, 1, 18.	3.3	4,510
2	<i>Blautia</i> a new functional genus with potential probiotic properties?. <i>Gut Microbes</i> , 2021, 13, 1-21.	4.3	541
3	Quantitative Genetic Background of the Host Influences Gut Microbiomes in Chickens. <i>Scientific Reports</i> , 2013, 3, 1163.	1.6	286
4	Protective Effects of <i>Lactobacillus plantarum</i> CCFM8610 against Acute Cadmium Toxicity in Mice. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1508-1515.	1.4	170
5	<i>Bifidobacterium</i> 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
6	Towards a psychobiotic therapy for depression: <i>Bifidobacterium breve</i> CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. <i>Neurobiology of Stress</i> , 2020, 12, 100216.	1.9	159
7	Oral Administration of Probiotics Inhibits Absorption of the Heavy Metal Cadmium by Protecting the Intestinal Barrier. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4429-4440.	1.4	157
8	A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference. <i>Nutrients</i> , 2020, 12, 3197.	1.7	155
9	Effects of different oligosaccharides at various dosages on the composition of gut microbiota and short-chain fatty acids in mice with constipation. <i>Food and Function</i> , 2017, 8, 1966-1978.	2.1	127
10	Protective Effects of <i>Lactobacillus plantarum</i> CCFM8610 against Chronic Cadmium Toxicity in Mice Indicate Routes of Protection besides Intestinal Sequestration. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4063-4071.	1.4	123
11	<i>Lactobacillus casei</i> CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism. <i>Food and Function</i> , 2017, 8, 3155-3164.	2.1	123
12	Probiotic characteristics of <i>Bacillus coagulans</i> and associated implications for human health and diseases. <i>Journal of Functional Foods</i> , 2020, 64, 103643.	1.6	119
13	<i>Bifidobacterium adolescentis</i> Exerts Strain-Specific Effects on Constipation Induced by Loperamide in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 318.	1.8	114
14	Orally Administered CLA Ameliorates DSS-Induced Colitis in Mice via Intestinal Barrier Improvement, Oxidative Stress Reduction, and Inflammatory Cytokine and Gut Microbiota Modulation. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13282-13298.	2.4	111
15	<i>Lactobacillus plantarum</i> CCFM8661 Alleviates Lead Toxicity in Mice. <i>Biological Trace Element Research</i> , 2012, 150, 264-271.	1.9	110
16	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015, 54, 23-30.	2.8	109
17	Lactulose Differently Modulates the Composition of Luminal and Mucosal Microbiota in C57BL/6j Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6240-6247.	2.4	98
18	A ropy exopolysaccharide producing strain <i>Bifidobacterium longum</i> subsp. <i>longum</i> YS108R alleviates DSS-induced colitis by maintenance of the mucosal barrier and gut microbiota modulation. <i>Food and Function</i> , 2019, 10, 1595-1608.	2.1	98

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19	<i>Bifidobacterium breve</i> 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
20	Effect of dietary probiotic supplementation on intestinal microbiota and physiological conditions of Nile tilapia (<i>Oreochromis niloticus</i>) under waterborne cadmium exposure. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 501-513.	0.7	93
21	Novel strains of <i>Bacteroides fragilis</i> and <i>Bacteroides ovatus</i> alleviate the LPS-induced inflammation in mice. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2353-2365.	1.7	93
22	Metagenomic Insights into the Effects of Fructo-oligosaccharides (FOS) on the Composition of Fecal Microbiota in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 856-863.	2.4	90
23	Effects of Dietary Selenium Supplementation on Intestinal Barrier and Immune Responses Associated with Its Modulation of Gut Microbiota. <i>Environmental Science and Technology Letters</i> , 2018, 5, 724-730.	3.9	90
24	Protective Effects of Microbiome-Derived Inosine on Lipopolysaccharide-Induced Acute Liver Damage and Inflammation in Mice via Mediating the TLR4/NF- κ B Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7619-7628.	2.4	89
25	Identification of TLR2/TLR6 signalling lactic acid bacteria for supporting immune regulation. <i>Scientific Reports</i> , 2016, 6, 34561.	1.6	80
26	<i>Bifidobacteria</i> exert species-specific effects on constipation in BALB/c mice. <i>Food and Function</i> , 2017, 8, 3587-3600.	2.1	74
27	Effects of Different Doses of Fructooligosaccharides (FOS) on the Composition of Mice Fecal Microbiota, Especially the <i>Bifidobacterium</i> Composition. <i>Nutrients</i> , 2018, 10, 1105.	1.7	69
28	Meta-analysis of randomized controlled trials of the effects of probiotics on functional constipation in adults. <i>Clinical Nutrition</i> , 2020, 39, 2960-2969.	2.3	69
29	A potential species of next-generation probiotics? The dark and light sides of <i>Bacteroides fragilis</i> in health. <i>Food Research International</i> , 2019, 126, 108590.	2.9	65
30	<i>Bifidobacterium breve</i> CCFM683 could ameliorate DSS-induced colitis in mice primarily via conjugated linoleic acid production and gut microbiota modulation. <i>Journal of Functional Foods</i> , 2018, 49, 61-72.	1.6	63
31	<i>Bifidobacterium</i> and <i>Lactobacillus</i> Composition at Species Level and Gut Microbiota Diversity in Infants before 6 Weeks. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3306.	1.8	61
32	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
33	<i>Lactobacillus plantarum</i> CCFM8661 modulates bile acid enterohepatic circulation and increases lead excretion in mice. <i>Food and Function</i> , 2019, 10, 1455-1464.	2.1	58
34	Selection of Taste Markers Related to Lactic Acid Bacteria Microflora Metabolism for Chinese Traditional Paocai: A Gas Chromatography-Mass Spectrometry-Based Metabolomics Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2415-2422.	2.4	57
35	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
36	<i>Lactobacillus plantarum</i> relieves diarrhea caused by enterotoxin-producing <i>Escherichia coli</i> through inflammation modulation and gut microbiota regulation. <i>Food and Function</i> , 2020, 11, 10362-10374.	2.1	56

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37	Oral administration of <i>Lactobacillus rhamnosus</i> CCFM0528 improves glucose tolerance and cytokine secretion in high-fat-fed, streptozotocin-induced type 2 diabetic mice. <i>Journal of Functional Foods</i> , 2014, 10, 318-326.	1.6	55
38	Identification of key proteins and pathways in cadmium tolerance of <i>Lactobacillus plantarum</i> strains by proteomic analysis. <i>Scientific Reports</i> , 2017, 7, 1182.	1.6	54
39	Restoration of cefixime-induced gut microbiota changes by <i>Lactobacillus</i> cocktails and fructooligosaccharides in a mouse model. <i>Microbiological Research</i> , 2017, 200, 14-24.	2.5	54
40	Adhesive <i>Bifidobacterium</i> Induced Changes in Cecal Microbiome Alleviated Constipation in Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 1721.	1.5	53
41	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
42	Alleviation effects of <i>Bifidobacterium breve</i> on DSS-induced colitis depends on intestinal tract barrier maintenance and gut microbiota modulation. <i>European Journal of Nutrition</i> , 2021, 60, 369-387.	1.8	51
43	A comparative study of the antidiabetic effects exerted by live and dead multi-strain probiotics in the type 2 diabetes model of mice. <i>Food and Function</i> , 2016, 7, 4851-4860.	2.1	50
44	Lactic acid bacteria strains relieve hyperuricaemia by suppressing xanthine oxidase activity via a short-chain fatty acid-dependent mechanism. <i>Food and Function</i> , 2021, 12, 7054-7067.	2.1	50
45	<i>Lactobacillus reuteri</i> attenuated allergic inflammation induced by HDM in the mouse and modulated gut microbes. <i>PLoS ONE</i> , 2020, 15, e0231865.	1.1	49
46	<i>Lactobacillus rhamnosus</i> CCFM1107 treatment ameliorates alcohol-induced liver injury in a mouse model of chronic alcohol feeding. <i>Journal of Microbiology</i> , 2015, 53, 856-863.	1.3	48
47	Toxicity assessment of perfluorooctane sulfonate using acute and subchronic male C57BL/6J mouse models. <i>Environmental Pollution</i> , 2016, 210, 388-396.	3.7	48
48	<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
49	Dietary <i>Lactobacillus plantarum</i> supplementation decreases tissue lead accumulation and alleviates lead toxicity in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Research</i> , 2017, 48, 5094-5103.	0.9	46
50	Probiotics modulate the gut microbiota composition and immune responses in patients with atopic dermatitis: a pilot study. <i>European Journal of Nutrition</i> , 2020, 59, 2119-2130.	1.8	45
51	<i>Bifidobacteria</i> attenuate the development of metabolic disorders, with inter- and intra-species differences. <i>Food and Function</i> , 2018, 9, 3509-3522.	2.1	42
52	Administration of <i>Bifidobacterium breve</i> Improves the Brain Function of A β ²¹⁻⁴² -Treated Mice via the Modulation of the Gut Microbiome. <i>Nutrients</i> , 2021, 13, 1602.	1.7	41
53	Community-wide changes reflecting bacterial interspecific interactions in multispecies biofilms. <i>Critical Reviews in Microbiology</i> , 2021, 47, 338-358.	2.7	39
54	Assessment of <i>Bifidobacterium</i> Species Using groEL Gene on the Basis of Illumina MiSeq High-Throughput Sequencing. <i>Genes</i> , 2017, 8, 336.	1.0	38

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55	Screening of <i>Lactobacillus salivarius</i> strains from the feces of Chinese populations and the evaluation of their effects against intestinal inflammation in mice. <i>Food and Function</i> , 2020, 11, 221-235.	2.1	38
56	Identification of the key physiological characteristics of <i>Lactobacillus plantarum</i> strains for ulcerative colitis alleviation. <i>Food and Function</i> , 2020, 11, 1279-1291.	2.1	38
57	Protective Effects of <i>Lactobacillus plantarum</i> CCFM8246 against Copper Toxicity in Mice. <i>PLoS ONE</i> , 2015, 10, e0143318.	1.1	37
58	<i>Lactobacillus casei</i> CCFM1074 Alleviates Collagen-Induced Arthritis in Rats via Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota. <i>Frontiers in Immunology</i> , 2021, 12, 680073.	2.2	37
59	Chinese gut microbiota and its associations with staple food type, ethnicity, and urbanization. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 71.	2.9	37
60	Comparative Genomics of <i>Pediococcus pentosaceus</i> Isolated From Different Niches Reveals Genetic Diversity in Carbohydrate Metabolism and Immune System. <i>Frontiers in Microbiology</i> , 2020, 11, 253.	1.5	36
61	Potential of <i>Lactobacillus plantarum</i> CCFM639 in Protecting against Aluminum Toxicity Mediated by Intestinal Barrier Function and Oxidative Stress. <i>Nutrients</i> , 2016, 8, 783.	1.7	35
62	Lactic acid bacteria alleviate polycystic ovarian syndrome by regulating sex hormone related gut microbiota. <i>Food and Function</i> , 2020, 11, 5192-5204.	2.1	34
63	Comprehensive Scanning of Prophages in <i>Lactobacillus</i> : Distribution, Diversity, Antibiotic Resistance Genes, and Linkages with CRISPR-Cas Systems. <i>MSystems</i> , 2021, 6, e0121120.	1.7	34
64	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
65	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
66	Untargeted metabolomics reveals metabolic state of <i>Bifidobacterium bifidum</i> in the biofilm and planktonic states. <i>LWT - Food Science and Technology</i> , 2020, 118, 108772.	2.5	31
67	Effects of lactobacilli with different regulatory behaviours on tight junctions in mice with dextran sodium sulphate-induced colitis. <i>Journal of Functional Foods</i> , 2018, 47, 107-115.	1.6	30
68	Protective effects of <i>Bifidobacterium adolescentis</i> on collagen-induced arthritis in rats depend on timing of administration. <i>Food and Function</i> , 2020, 11, 4499-4511.	2.1	30
69	<i>Lactobacillus fermentum</i> and its potential immunomodulatory properties. <i>Journal of Functional Foods</i> , 2019, 56, 21-32.	1.6	29
70	<i>Bifidobacterium adolescentis</i> regulated immune responses and gut microbial composition to alleviate DNFB-induced atopic dermatitis in mice. <i>European Journal of Nutrition</i> , 2020, 59, 3069-3081.	1.8	29
71	Comparative analysis of <i>Lactobacillus gasseri</i> from Chinese subjects reveals a new species-level taxa. <i>BMC Genomics</i> , 2020, 21, 119.	1.2	28
72	Different <i>Bifidobacterium bifidum</i> strains change the intestinal flora composition of mice via different mechanisms to alleviate loperamide-induced constipation. <i>Food and Function</i> , 2021, 12, 6058-6069.	2.1	28

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73	<i>Lactobacillus rhamnosus</i> FJSYC4-1 and <i>Lactobacillus reuteri</i> FGSZY33L6 alleviate metabolic syndrome via gut microbiota regulation. <i>Food and Function</i> , 2021, 12, 3919-3930.	2.1	28
74	Intestinal "Infant-Type" Bifidobacteria Mediate Immune System Development in the First 1000 Days of Life. <i>Nutrients</i> , 2022, 14, 1498.	1.7	28
75	Influence of oral administration of <i>Akkermansia muciniphila</i> on the tissue distribution and gut microbiota composition of acute and chronic cadmium exposure mice. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	27
76	Evaluation of metabolome sample preparation and extraction methodologies for oleaginous filamentous fungi <i>Mortierella alpina</i> . <i>Metabolomics</i> , 2019, 15, 50.	1.4	27
77	Comparative Genomics Analysis of <i>Lactobacillus ruminis</i> from Different Niches. <i>Genes</i> , 2020, 11, 70.	1.0	27
78	Comparative genomics shows niche-specific variations of <i>Lactobacillus plantarum</i> strains isolated from human, <i>Drosophila melanogaster</i> , vegetable and dairy sources. <i>Food Bioscience</i> , 2020, 35, 100581.	2.0	27
79	Comparative Genomics of <i>Lactobacillus crispatus</i> from the Gut and Vagina Reveals Genetic Diversity and Lifestyle Adaptation. <i>Genes</i> , 2020, 11, 360.	1.0	27
80	<i>Lactobacillus ruminis</i> Alleviates DSS-Induced Colitis by Inflammatory Cytokines and Gut Microbiota Modulation. <i>Foods</i> , 2021, 10, 1349.	1.9	27
81	<i>Akkermansia muciniphila</i> Exerts Strain-Specific Effects on DSS-Induced Ulcerative Colitis in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 698914.	1.8	27
82	<i>Lactobacillus plantarum</i> CCFM1143 Alleviates Chronic Diarrhea via Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study. <i>Frontiers in Immunology</i> , 2021, 12, 746585.	2.2	27
83	groEL Gene-Based Phylogenetic Analysis of <i>Lactobacillus</i> Species by High-Throughput Sequencing. <i>Genes</i> , 2019, 10, 530.	1.0	25
84	<i>Lactobacillus casei</i> Strain Shirota Alleviates Constipation in Adults by Increasing the Pipecolinic Acid Level in the Gut. <i>Frontiers in Microbiology</i> , 2019, 10, 324.	1.5	25
85	Protective effects of lactic acid bacteria on gut epithelial barrier dysfunction are Toll like receptor 2 and protein kinase C dependent. <i>Food and Function</i> , 2020, 11, 1230-1234.	2.1	25
86	<i>Bifidobacterium adolescentis</i> Isolated from Different Hosts Modifies the Intestinal Microbiota and Displays Differential Metabolic and Immunomodulatory Properties in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2021, 13, 1017.	1.7	25
87	Potential Role of Probiotics in Ameliorating Psoriasis by Modulating Gut Microbiota in Imiquimod-Induced Psoriasis-Like Mice. <i>Nutrients</i> , 2021, 13, 2010.	1.7	25
88	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
89	The Potential Role of Probiotics in Protection against Influenza a Virus Infection in Mice. <i>Foods</i> , 2021, 10, 902.	1.9	24
90	Inhibitory Effect of <i>Lactobacillus plantarum</i> CCFM8724 towards <i>Streptococcus mutans</i> - and <i>Candida albicans</i> -Induced Caries in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	24

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91	Bifidobacterium breve and Bifidobacterium longum Attenuate Choline-Induced Plasma Trimethylamine N-Oxide Production by Modulating Gut Microbiota in Mice. <i>Nutrients</i> , 2022, 14, 1222.	1.7	24
92	Identification of the key characteristics of <i>Bifidobacterium longum</i> strains for the alleviation of ulcerative colitis. <i>Food and Function</i> , 2021, 12, 3476-3492.	2.1	23
93	Capsaicin—the spicy ingredient of chili peppers: A review of the gastrointestinal effects and mechanisms. <i>Trends in Food Science and Technology</i> , 2021, 116, 755-765.	7.8	23
94	Lactobacillus paracasei CCFM1229 and Lactobacillus rhamnosus 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
95	Crosstalk between sIgA-Coated Bacteria in Infant Gut and Early-Life Health. <i>Trends in Microbiology</i> , 2021, 29, 725-735.	3.5	22
96	Comparative Genomics and Specific Functional Characteristics Analysis of Lactobacillus acidophilus. <i>Microorganisms</i> , 2021, 9, 1992.	1.6	22
97	Human gut-derived <i>B. longum</i> subsp. <i>longum</i> strains protect against aging in a d-galactose-induced aging mouse model. <i>Microbiome</i> , 2021, 9, 180.	4.9	22
98	<i>Lactobacillus reuteri</i> A9 and <i>Lactobacillus mucosae</i> A13 isolated from Chinese superlongevity people modulate lipid metabolism in a hypercholesterolemia rat model. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	21
99	The prophylactic effects of different Lactobacilli on collagen-induced arthritis in rats. <i>Food and Function</i> , 2020, 11, 3681-3694.	2.1	21
100	Protective effect of <i>Bifidobacterium bifidum</i> FSDJN7O5 and <i>Bifidobacterium breve</i> FHNFO23M3 on diarrhea caused by enterotoxigenic <i>Escherichia coli</i> . <i>Food and Function</i> , 2021, 12, 7271-7282.	2.1	21
101	The roles of different <i>Bacteroides fragilis</i> strains in protecting against DSS-induced ulcerative colitis and related functional genes. <i>Food and Function</i> , 2021, 12, 8300-8313.	2.1	21
102	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
103	Production of exopolysaccharide by <i>Bifidobacterium longum</i> isolated from elderly and infant feces and analysis of priming glycosyltransferase genes. <i>RSC Advances</i> , 2017, 7, 31736-31744.	1.7	20
104	Lactobacillus plantarum CCFM8610 Alleviates Irritable Bowel Syndrome and Prevents Gut Microbiota Dysbiosis: A Randomized, Double-Blind, Placebo-Controlled, Pilot Clinical Trial. <i>Engineering</i> , 2021, 7, 376-385.	3.2	20
105	High Salt Intake Attenuates Breast Cancer Metastasis to Lung. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3386-3392.	2.4	19
106	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
107	Dose-response efficacy and mechanisms of orally administered CLA-producing <i>Bifidobacterium breve</i> CCFM683 on DSS-induced colitis in mice. <i>Journal of Functional Foods</i> , 2020, 75, 104245.	1.6	19
108	<i>Bifidobacterium longum</i> relieves constipation by regulating the intestinal barrier of mice. <i>Food and Function</i> , 2022, 13, 5037-5049.	2.1	19

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109	Bifidobacterium adolescentis Is Effective in Relieving Type 2 Diabetes and May Be Related to Its Dominant Core Genome and Gut Microbiota Modulation Capacity. <i>Nutrients</i> , 2022, 14, 2479.	1.7	19
110	Integrative Metabolomic Characterization Reveals the Mediating Effect of Bifidobacterium breve on Amino Acid Metabolism in a Mouse Model of Alzheimer's Disease. <i>Nutrients</i> , 2022, 14, 735.	1.7	18
111	Butylated starch alleviates polycystic ovary syndrome by stimulating the secretion of peptide tyrosine-tyrosine and regulating faecal microbiota. <i>Carbohydrate Polymers</i> , 2022, 287, 119304.	5.1	18
112	Lactobacillus reuteri FYNLJ109L1 Attenuating Metabolic Syndrome in Mice via Gut Microbiota Modulation and Alleviating Inflammation. <i>Foods</i> , 2021, 10, 2081.	1.9	17
113	Capsaicin, the Spicy Ingredient of Chili Peppers: Effects on Gastrointestinal Tract and Composition of Gut Microbiota at Various Dosages. <i>Foods</i> , 2022, 11, 686.	1.9	17
114	The Protective Effect of Myristica fragrans Houtt. Extracts Against Obesity and Inflammation by Regulating Free Fatty Acids Metabolism in Nonalcoholic Fatty Liver Disease. <i>Nutrients</i> , 2020, 12, 2507.	1.7	16
115	Protective effects of <i>Bacteroides fragilis</i> against lipopolysaccharide-induced systemic inflammation and their potential functional genes. <i>Food and Function</i> , 2022, 13, 1015-1025.	2.1	16
116	Probiotic strains alleviated OVA-induced food allergy in mice by regulating the gut microbiota and improving the level of indoleacrylic acid in fecal samples. <i>Food and Function</i> , 2022, 13, 3704-3719.	2.1	16
117	Lactobacillus reuteri CCFM8631 Alleviates Hypercholesterolaemia Caused by the Paigen Atherogenic Diet by Regulating the Gut Microbiota. <i>Nutrients</i> , 2022, 14, 1272.	1.7	16
118	Diversity of Gut Microbiota and Bifidobacterial Community of Chinese Subjects of Different Ages and from Different Regions. <i>Microorganisms</i> , 2020, 8, 1108.	1.6	15
119	Prophylactic effects of oral administration of <i>Lactobacillus casei</i> on house dust mite-induced asthma in mice. <i>Food and Function</i> , 2020, 11, 9272-9284.	2.1	15
120	Comparative Genomics Analysis of Lactobacillus mucosae from Different Niches. <i>Genes</i> , 2020, 11, 95.	1.0	15
121	Development of gut microbiota and bifidobacterial communities of neonates in the first 6 weeks and their inheritance from mother. <i>Gut Microbes</i> , 2021, 13, 1-13.	4.3	15
122	Bifidobacterium longum 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
123	A cellular model for screening of lactobacilli that can enhance tight junctions. <i>RSC Advances</i> , 2016, 6, 111812-111821.	1.7	14
124	Transcriptome Analysis Reveals the Genes Involved in Bifidobacterium Longum FGSZY16M3 Biofilm Formation. <i>Microorganisms</i> , 2021, 9, 385.	1.6	14
125	Mining genome traits that determine the different gut colonization potential of Lactobacillus and Bifidobacterium species. <i>Microbial Genomics</i> , 2021, 7, .	1.0	14
126	Xanthine oxidoreductase promotes the progression of colitis-associated colorectal cancer by causing DNA damage and mediating macrophage M1 polarization. <i>European Journal of Pharmacology</i> , 2021, 906, 174270.	1.7	14

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127	Bifidobacterium bifidum Shows More Diversified Ways of Relieving Non-Alcoholic Fatty Liver Compared with Bifidobacterium adolescentis. Biomedicines, 2022, 10, 84.	1.4	14
128	Comparative genomic analyses of Lactobacillus rhamnosus isolated from Chinese subjects. Food Bioscience, 2020, 36, 100659.	2.0	13
129	Lactic acid bacteria exhibit similar antioxidant capacities in <i>Caenorhabditis elegans</i> - and <i>Campylobacter jejuni</i> -infected mice. RSC Advances, 2020, 10, 3329-3342.	1.7	13
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