Jianxin Zhao

List of Publications by Year
in descending order

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333 papers	9,968 citations	46918 47 h-index	82410 72 g-index
337 all docs	337 docs citations	337 times ranked	7919 citing authors

#	Article	IF	Citations
1	Blautiaâ€"a new functional genus with potential probiotic properties?. Gut Microbes, 2021, 13, 1-21.	4.3	541
2	Surface components and metabolites of probiotics for regulation of intestinal epithelial barrier. Microbial Cell Factories, 2020, 19, 23.	1.9	201
3	Lactic Acid Bacteria as Antifungal and Antiâ€Mycotoxigenic Agents: A Comprehensive Review. Comprehensive Reviews in Food Science and Food Safety, 2019, 18, 1403-1436.	5.9	172
4	Protective Effects of Lactobacillus plantarum CCFM8610 against Acute Cadmium Toxicity in Mice. Applied and Environmental Microbiology, 2013, 79, 1508-1515.	1.4	170
5	Bifidobacterium with the role of 5-hydroxytryptophan synthesis regulation alleviates the symptom of depression and related microbiota dysbiosis. Journal of Nutritional Biochemistry, 2019, 66, 43-51.	1.9	169
6	Towards a psychobiotic therapy for depression: Bifidobacterium breve CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. Neurobiology of Stress, 2020, 12, 100216.	1.9	159
7	Oral Administration of Probiotics Inhibits Absorption of the Heavy Metal Cadmium by Protecting the Intestinal Barrier. Applied and Environmental Microbiology, 2016, 82, 4429-4440.	1.4	157
8	A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference. Nutrients, 2020, 12, 3197.	1.7	155
9	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. Scientific Reports, 2017, 7, 45840.	1.6	127
10	Protective Effects of Lactobacillus plantarum CCFM8610 against Chronic Cadmium Toxicity in Mice Indicate Routes of Protection besides Intestinal Sequestration. Applied and Environmental Microbiology, 2014, 80, 4063-4071.	1.4	123
11	Bifidobacterium adolescentis Exerts Strain-Specific Effects on Constipation Induced by Loperamide in BALB/c Mice. International Journal of Molecular Sciences, 2017, 18, 318.	1.8	114
12	Determination of structural changes in microwaved rice starch using Fourier transform infrared and Raman spectroscopy. Starch/Staerke, 2012, 64, 598-606.	1.1	111
13	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. Food Control, 2015, 54, 23-30.	2.8	109
14	Effects of fish oil incorporation on the gelling properties of silver carp surimi gel subjected to microwave heating combined with conduction heating treatment. Food Hydrocolloids, 2019, 94, 164-173.	5.6	104
15	Effects of microwave combined with conduction heating on surimi quality and morphology. Journal of Food Engineering, 2018, 228, 1-11.	2.7	97
16	Bifidobacterium breve CCFM1025 attenuates major depression disorder via regulating gut microbiome and tryptophan metabolism: A randomized clinical trial. Brain, Behavior, and Immunity, 2022, 100, 233-241.	2.0	95
17	Effect of dietary probiotic supplementation on intestinal microbiota and physiological conditions of Nile tilapia (Oreochromis niloticus) under waterborne cadmium exposure. Antonie Van Leeuwenhoek, 2017, 110, 501-513.	0.7	93
18	Novel strains of Bacteroides fragilis and Bacteroides ovatus alleviate the LPS-induced inflammation in mice. Applied Microbiology and Biotechnology, 2019, 103, 2353-2365.	1.7	93

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19	The role of MUC2 mucin in intestinal homeostasis and the impact of dietary components on MUC2 expression. International Journal of Biological Macromolecules, 2020, 164, 884-891.	3.6	91
20	Effects of Dietary Selenium Supplementation on Intestinal Barrier and Immune Responses Associated with Its Modulation of Gut Microbiota. Environmental Science and Technology Letters, 2018, 5, 724-730.	3.9	90
21	Protective Effects of Microbiome-Derived Inosine on Lipopolysaccharide-Induced Acute Liver Damage and Inflammation in Mice via Mediating the TLR4/NF-Î°B Pathway. Journal of Agricultural and Food Chemistry, 2021, 69, 7619-7628.	2.4	89
22	Disturbance of trace element and gut microbiota profiles as indicators of autism spectrum disorder: A pilot study of Chinese children. Environmental Research, 2019, 171, 501-509.	3.7	82
23	Beneficial effect of GABA-rich fermented milk on insomnia involving regulation of gut microbiota. Microbiological Research, 2020, 233, 126409.	2.5	82
24	Effect of microwave on lamellar parameters of rice starch through small-angle X-ray scattering. Food Hydrocolloids, 2014, 35, 620-626.	5.6	79
25	Antidiabetic effect of Lactobacillus casei CCFM0412 on mice with type 2 diabetes induced by a high-fat diet and streptozotocin. Nutrition, 2014, 30, 1061-1068.	1.1	78
26	Chemical interactions involved in microwave heat-induced surimi gel fortified with fish oil and its formation mechanism. Food Hydrocolloids, 2020, 105, 105779.	5.6	73
27	Bifidobacterium pseudocatenulatum Ameliorates DSS-Induced Colitis by Maintaining Intestinal Mechanical Barrier, Blocking Proinflammatory Cytokines, Inhibiting TLR4/NF-Î°B Signaling, and Altering Gut Microbiota. Journal of Agricultural and Food Chemistry, 2021, 69, 1496-1512.	2.4	70
28	Effects of Different Doses of Fructooligosaccharides (FOS) on the Composition of Mice Fecal Microbiota, Especially the Bifidobacterium Composition. Nutrients, 2018, 10, 1105.	1.7	69
29	Meta-analysis of randomized controlled trials of the effects of probiotics on functional constipation in adults. Clinical Nutrition, 2020, 39, 2960-2969.	2.3	69
30	Microencapsulation of Bifidobacterium bifidum Fâ€35 in reinforced alginate microspheres prepared by emulsification/internal gelation. International Journal of Food Science and Technology, 2011, 46, 1672-1678.	1.3	66
31	Roles of intestinal bacteroides in human health and diseases. Critical Reviews in Food Science and Nutrition, 2021, 61, 3518-3536.	5.4	66
32	Effects of Whole-Grain Rice and Wheat on Composition of Gut Microbiota and Short-Chain Fatty Acids in Rats. Journal of Agricultural and Food Chemistry, 2018, 66, 6326-6335.	2.4	65
33	A potential species of next-generation probiotics? The dark and light sides of Bacteroides fragilis in health. Food Research International, 2019, 126, 108590.	2.9	65
34	Gut Microbiota, Probiotics, and Their Interactions in Prevention and Treatment of Atopic Dermatitis: A Review. Frontiers in Immunology, 2021, 12, 720393.	2.2	63
35	Structural and Functional Alterations in the Microbial Community and Immunological Consequences in a Mouse Model of Antibiotic-Induced Dysbiosis. Frontiers in Microbiology, 2018, 9, 1948.	1.5	62
36	Bifidobacterium and Lactobacillus Composition at Species Level and Gut Microbiota Diversity in Infants before 6 Weeks. International Journal of Molecular Sciences, 2019, 20, 3306.	1.8	61

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37	Bifidobacterium longum mediated tryptophan metabolism to improve atopic dermatitis via the gut-skin axis. Gut Microbes, 2022, 14, 2044723.	4.3	61
38	Ingestion of Bifidobacterium longum subspecies infantis strain CCFM687 regulated emotional behavior and the central BDNF pathway in chronic stress-induced depressive mice through reshaping the gut microbiota. Food and Function, 2019, 10, 7588-7598.	2.1	60
39	Lactobacillus plantarum CCFM8661 modulates bile acid enterohepatic circulation and increases lead excretion in mice. Food and Function, 2019, 10, 1455-1464.	2.1	58
40	Synergistic effect of microwave 3D print and transglutaminase on the self-gelation of surimi during printing. Innovative Food Science and Emerging Technologies, 2021, 67, 102546.	2.7	58
41	Acetic acid and butyric acid released in large intestine play different roles in the alleviation of constipation. Journal of Functional Foods, 2020, 69, 103953.	1.6	57
42	Lactobacillus plantarum relieves diarrhea caused by enterotoxin-producing Escherichia coli through inflammation modulation and gut microbiota regulation. Food and Function, 2020, 11, 10362-10374.	2.1	56
43	Intestinal environmental disorders associate with the tissue damages induced by perfluorooctane sulfonate exposure. Ecotoxicology and Environmental Safety, 2020, 197, 110590.	2.9	55
44	Identification of key proteins and pathways in cadmium tolerance of Lactobacillus plantarum strains by proteomic analysis. Scientific Reports, 2017, 7, 1182.	1.6	54
45	Restoration of cefixime-induced gut microbiota changes by Lactobacillus cocktails and fructooligosaccharides in a mouse model. Microbiological Research, 2017, 200, 14-24.	2.5	54
46	Adhesive Bifidobacterium Induced Changes in Cecal Microbiome Alleviated Constipation in Mice. Frontiers in Microbiology, 2019, 10, 1721.	1.5	53
47	Protective effects of different Bacteroides vulgatus strains against lipopolysaccharide-induced acute intestinal injury, and their underlying functional genes. Journal of Advanced Research, 2022, 36, 27-37.	4.4	53
48	Microbial diversity in traditional type I sourdough and jiaozi and its influence on volatiles in Chinese steamed bread. LWT - Food Science and Technology, 2019, 101, 764-773.	2.5	51
49	Lactic acid bacteria reduce diabetes symptoms in mice by alleviating gut microbiota dysbiosis and inflammation in different manners. Food and Function, 2020, 11, 5898-5914.	2.1	51
50	Alleviation effects of Bifidobacterium breve on DSS-induced colitis depends on intestinal tract barrier maintenance and gut microbiota modulation. European Journal of Nutrition, 2021, 60, 369-387.	1.8	51
51	A comparative study of the antidiabetic effects exerted by live and dead multi-strain probiotics in the type 2 diabetes model of mice. Food and Function, 2016, 7, 4851-4860.	2.1	50
52	Lactic acid bacteria strains relieve hyperuricaemia by suppressing xanthine oxidase activityviaa short-chain fatty acid-dependent mechanism. Food and Function, 2021, 12, 7054-7067.	2.1	50
53	Lactobacillus reuteri attenuated allergic inflammation induced by HDM in the mouse and modulated gut microbes. PLoS ONE, 2020, 15, e0231865.	1.1	49
54	Toxicity assessment of perfluorooctane sulfonate using acute and subchronic male C57BL/6J mouse models. Environmental Pollution, 2016, 210, 388-396.	3.7	48

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55	Progress in the distribution, toxicity, control, and detoxification of patulin: A review. Toxicon, 2020, 184, 83-93.	0.8	48
56	Dietary Lactobacillus plantarum supplementation enhances growth performance and alleviates aluminum toxicity in tilapia. Ecotoxicology and Environmental Safety, 2017, 143, 307-314.	2.9	47
57	Bifidobacterium adolescentis and Lactobacillus rhamnosus alleviate non-alcoholic fatty liver disease induced by a high-fat, high-cholesterol diet through modulation of different gut microbiota-dependent pathways. Food and Function, 2020, 11, 6115-6127.	2.1	47
58	Dietary Lactobacillus plantarum supplementation decreases tissue lead accumulation and alleviates lead toxicity in Nile tilapia (Oreochromis niloticus). Aquaculture Research, 2017, 48, 5094-5103.	0.9	46
59	Perfluorooctanoic acid-induced liver injury is potentially associated with gut microbiota dysbiosis. Chemosphere, 2021, 266, 129004.	4.2	46
60	Oral Supplementation of Lead-Intolerant Intestinal Microbes Protects Against Lead (Pb) Toxicity in Mice. Frontiers in Microbiology, 2019, 10, 3161.	1.5	44
61	Strain-specific properties ofLactobacillus plantarumfor prevention ofSalmonellainfection. Food and Function, 2018, 9, 3673-3682.	2.1	42
62	Bifidobacteria attenuate the development of metabolic disorders, with inter- and intra-species differences. Food and Function, 2018, 9, 3509-3522.	2.1	42
63	Dietary supplementation with probiotics regulates gut microbiota structure and function in Nile tilapia exposed to aluminum. PeerJ, 2019, 7, e6963.	0.9	42
64	Increased Cadmium Excretion Due to Oral Administration of Lactobacillus plantarum Strains by Regulating Enterohepatic Circulation in Mice. Journal of Agricultural and Food Chemistry, 2019, 67, 3956-3965.	2.4	41
65	Administration of Bifidobacterium breve Improves the Brain Function of Aβ1-42-Treated Mice via the Modulation of the Gut Microbiome. Nutrients, 2021, 13, 1602.	1.7	41
66	Mining Lactobacillus and Bifidobacterium for organisms with long-term gut colonization potential. Clinical Nutrition, 2020, 39, 1315-1323.	2.3	40
67	Microbial diversity and volatile profile of traditional fermented yak milk. Journal of Dairy Science, 2020, 103, 87-97.	1.4	40
68	Gut microbiota dysbiosis might be responsible to different toxicity caused by Di-(2-ethylhexyl) phthalate exposure in murine rodents. Environmental Pollution, 2020, 261, 114164.	3.7	39
69	Community-wide changes reflecting bacterial interspecific interactions in multispecies biofilms. Critical Reviews in Microbiology, 2021, 47, 338-358.	2.7	39
70	Assessment of Bifidobacterium Species Using groEL Gene on the Basis of Illumina MiSeq High-Throughput Sequencing. Genes, 2017, 8, 336.	1.0	38
71	Modulation of the gut microbiota by a galactooligosaccharide protects against heavy metal lead accumulation in mice. Food and Function, 2019, 10, 3768-3781.	2.1	38
72	Screening of Lactobacillus salivarius strains from the feces of Chinese populations and the evaluation of their effects against intestinal inflammation in mice. Food and Function, 2020, 11, 221-235.	2.1	38

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73	Identification of the key physiological characteristics of Lactobacillus plantarum strains for ulcerative colitis alleviation. Food and Function, 2020, 11, 1279-1291.	2.1	38
74	Lactobacillus rhamnosus Strains Relieve Loperamide-Induced Constipation via Different Pathways Independent of Short-Chain Fatty Acids. Frontiers in Cellular and Infection Microbiology, 2020, 10, 423.	1.8	37
75	Lactobacillus casei CCFM1074 Alleviates Collagen-Induced Arthritis in Rats via Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota. Frontiers in Immunology, 2021, 12, 680073.	2.2	37
76	Chinese gut microbiota and its associations with staple food type, ethnicity, and urbanization. Npj Biofilms and Microbiomes, 2021, 7, 71.	2.9	37
77	Comparative Genomics of Pediococcus pentosaceus Isolated From Different Niches Reveals Genetic Diversity in Carbohydrate Metabolism and Immune System. Frontiers in Microbiology, 2020, 11, 253.	1.5	36
78	Potential of Lactobacillus plantarum CCFM639 in Protecting against Aluminum Toxicity Mediated by Intestinal Barrier Function and Oxidative Stress. Nutrients, 2016, 8, 783.	1.7	35
79	Intervention of transglutaminase in surimi gel under microwave irradiation. Food Chemistry, 2018, 268, 378-385.	4.2	35
80	Protective Effects of a Novel Probiotic Bifidobacterium pseudolongum on the Intestinal Barrier of Colitis Mice via Modulating the PparÎ³/STAT3 Pathway and Intestinal Microbiota. Foods, 2022, 11, 1551.	1.9	35
81	Changes in microbial community during Chinese traditional soybean paste fermentation. International Journal of Food Science and Technology, 2009, 44, 2526-2530.	1.3	34
82	The cadmium binding characteristics of a lactic acid bacterium in aqueous solutions and its application for removal of cadmium from fruit and vegetable juices. RSC Advances, 2016, 6, 5990-5998.	1.7	34
83	Heating surimi products using microwave combined with steam methods: Study on energy saving and quality. Innovative Food Science and Emerging Technologies, 2018, 47, 231-240.	2.7	34
84	A Surface Protein From Lactobacillus plantarum Increases the Adhesion of Lactobacillus Strains to Human Epithelial Cells. Frontiers in Microbiology, 2018, 9, 2858.	1.5	34
85	Lactic acid bacteria alleviate polycystic ovarian syndrome by regulating sex hormone related gut microbiota. Food and Function, 2020, 11, 5192-5204.	2.1	34
86	Comprehensive Scanning of Prophages in Lactobacillus : Distribution, Diversity, Antibiotic Resistance Genes, and Linkages with CRISPR-Cas Systems. MSystems, 2021, 6, e0121120.	1.7	34
87	Lactobacillus , Bifidobacterium and Lactococcus response to environmental stress: Mechanisms and application of crossâ€protection to improve resistance against freezeâ€drying. Journal of Applied Microbiology, 2022, 132, 802-821.	1.4	34
88	Lactobacillus plantarum X1 with Î±-glucosidase inhibitory activity ameliorates type 2 diabetes in mice. RSC Advances, 2016, 6, 63536-63547.	1.7	33
89	The physicochemical properties of chitosan prepared by microwave heating. Food Science and Nutrition, 2020, 8, 1987-1994.	1.5	33
90	The diversity of gut microbiota in type 2 diabetes with or without cognitive impairment. Aging Clinical and Experimental Research, 2021, 33, 589-601.	1.4	33

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91	Probiotics for Mild Cognitive Impairment and Alzheimerâ€™s Disease: A Systematic Review and Meta-Analysis. Foods, 2021, 10, 1672.	1.9	33
92	Daily intake of Lactobacillus alleviates autistic-like behaviors by ameliorating the 5-hydroxytryptamine metabolic disorder in VPA-treated rats during weaning and sexual maturation. Food and Function, 2021, 12, 2591-2604.	2.1	33
93	Genetically Engineered Lactococcus lactis Protect against House Dust Mite Allergy in a BALB/c Mouse Model. PLoS ONE, 2014, 9, e109461.	1.1	32
94	Lactobacillus plantarum CCFM639 Alleviate Trace Element Imbalance-Related Oxidative Stress in Liver and Kidney of Chronic Aluminum Exposure Mice. Biological Trace Element Research, 2017, 176, 342-349.	1.9	31
95	Protective Effects of Dietary Supplements Containing Probiotics, Micronutrients, and Plant Extracts Against Lead Toxicity in Mice. Frontiers in Microbiology, 2018, 9, 2134.	1.5	31
96	Catalytic effect of transglutaminase mediated by myofibrillar protein crosslinking under microwave irradiation. Food Chemistry, 2019, 284, 45-52.	4.2	31
97	The inhibition mechanism of Ïµâ€polylysine against Bacillus cereus emerging in surimi gel during refrigerated storage. Journal of the Science of Food and Agriculture, 2019, 99, 2922-2930.	1.7	31
98	Untargeted metabolomics reveals metabolic state of Bifidobacterium bifidum in the biofilm and planktonic states. LWT - Food Science and Technology, 2020, 118, 108772.	2.5	31
99	Divergent role of abiotic factors in shaping microbial community assembly of paocai brine during aging process. Food Research International, 2020, 137, 109559.	2.9	31
100	The characteristics of patulin detoxification by Lactobacillus plantarum 13M5. Food and Chemical Toxicology, 2020, 146, 111787.	1.8	30
101	Effects of Probiotic Supplementation on Dyslipidemia in Type 2 Diabetes Mellitus: A Meta-Analysis of Randomized Controlled Trials. Foods, 2020, 9, 1540.	1.9	30
102	Comparative Genomic Analysis of Lactiplantibacillus plantarum Isolated from Different Niches. Genes, 2021, 12, 241.	1.0	30
103	Lipid metabolism research in oleaginous fungus Mortierella alpina: Current progress and future prospects. Biotechnology Advances, 2022, 54, 107794.	6.0	30
104	Consumption of Butylated Starch Alleviates the Chronic Restraint Stress-Induced Neurobehavioral and Gut Barrier Deficits Through Reshaping the Gut Microbiota. Frontiers in Immunology, 2021, 12, 755481.	2.2	30
105	Functional analysis of the role of CcpA in Lactobacillus plantarum grown on fructooligosaccharides or glucose: a transcriptomic perspective. Microbial Cell Factories, 2018, 17, 201.	1.9	29
106	Meta-analysis of the efficacy of probiotic-supplemented therapy on the eradication of H. pylori and incidence of therapy-associated side effects. Microbial Pathogenesis, 2020, 147, 104403.	1.3	29
107	Bifidobacterium longum Ameliorates Dextran Sulfate Sodium-Induced Colitis by Producing Conjugated Linoleic Acid, Protecting Intestinal Mechanical Barrier, Restoring Unbalanced Gut Microbiota, and Regulating the Toll-Like Receptor-4/Nuclear Factor-ÎºB Signaling Pathway. Journal of Agricultural and Food Chemistry, 2021, 69, 14593-14608.	2.4	29
108	Human gut microbiome aging clocks based on taxonomic and functional signatures through multi-view learning. Gut Microbes, 2022, 14, 2025016.	4.3	29

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109	Biochemical characterization of the tetrahydrobiopterin synthesis pathway in the oleaginous fungus Mortierella alpina. Microbiology (United Kingdom), 2011, 157, 3059-3070.	0.7	28
110	Lactobacillus plantarum ZS2058 and Lactobacillus rhamnosus GG Use Different Mechanisms to Prevent Salmonella Infection in vivo. Frontiers in Microbiology, 2019, 10, 299.	1.5	28
111	Comparative analysis of Lactobacillus gasseri from Chinese subjects reveals a new species-level taxa. BMC Genomics, 2020, 21, 119.	1.2	28
112	Different Bifidobacterium bifidum strains change the intestinal flora composition of mice via different mechanisms to alleviate loperamide-induced constipation. Food and Function, 2021, 12, 6058-6069.	2.1	28
113	Lactobacillus rhamnosusFJSYC4-1 andLactobacillus reuteriFGSZY33L6 alleviate metabolic syndromeviagut microbiota regulation. Food and Function, 2021, 12, 3919-3930.	2.1	28
114	Intestinal â€˜Infant-Typeâ€™ Bifidobacteria Mediate Immune System Development in the First 1000 Days of Life. Nutrients, 2022, 14, 1498.	1.7	28
115	Varied doses and chemical forms of selenium supplementation differentially affect mouse intestinal physiology. Food and Function, 2019, 10, 5398-5412.	2.1	27
116	Influence of oral administration of Akkermansia muciniphila on the tissue distribution and gut microbiota composition of acute and chronic cadmium exposure mice. FEMS Microbiology Letters, 2019, 366, .	0.7	27
117	Comparative Genomics Analysis of Lactobacillus ruminis from Different Niches. Genes, 2020, 11, 70.	1.0	27
118	Lactobacillus acidophilus JCM 1132 Strain and Its Mutant with Different Bacteriocin-Producing Behaviour Have Various In Situ Effects on the Gut Microbiota of Healthy Mice. Microorganisms, 2020, 8, 49.	1.6	27
119	Comparative Genomics of Lactobacillus crispatus from the Gut and Vagina Reveals Genetic Diversity and Lifestyle Adaptation. Genes, 2020, 11, 360.	1.0	27
120	Lactobacillus ruminis Alleviates DSS-Induced Colitis by Inflammatory Cytokines and Gut Microbiota Modulation. Foods, 2021, 10, 1349.	1.9	27
121	Akkermansia muciniphila Exerts Strain-Specific Effects on DSS-Induced Ulcerative Colitis in Mice. Frontiers in Cellular and Infection Microbiology, 2021, 11, 698914.	1.8	27
122	Lactobacillus plantarum CCFM1143 Alleviates Chronic Diarrhea via Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study. Frontiers in Immunology, 2021, 12, 746585.	2.2	27
123	Ellagic acid and intestinal microflora metabolite urolithin A: A review on its sources, metabolic distribution, health benefits, and biotransformation. Critical Reviews in Food Science and Nutrition, 2023, 63, 6900-6922.	5.4	27
124	Targeting Gut Microbiota Dysbiosis: Potential Intervention Strategies for Neurological Disorders. Engineering, 2020, 6, 415-423.	3.2	26
125	Both living and dead Faecalibacterium prausnitzii alleviate house dust miteâ€induced allergic asthma through the modulation of gut microbiota and shortâ€chain fatty acid production. Journal of the Science of Food and Agriculture, 2021, 101, 5563-5573.	1.7	26
126	Effect of microwave heating on optical and thermal properties of rice starch. Starch/Staerke, 2012, 64, 740-744.	1.1	25

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127	groEL Gene-Based Phylogenetic Analysis of Lactobacillus Species by High-Throughput Sequencing. Genes, 2019, 10, 530.	1.0	25
128	Bifidobacterium adolescentis Isolated from Different Hosts Modifies the Intestinal Microbiota and Displays Differential Metabolic and Immunomodulatory Properties in Mice Fed a High-Fat Diet. Nutrients, 2021, 13, 1017.	1.7	25
129	Potential Role of Probiotics in Ameliorating Psoriasis by Modulating Gut Microbiota in Imiquimod-Induced Psoriasis-Like Mice. Nutrients, 2021, 13, 2010.	1.7	25
130	Lactobacillus plantarum CCFM639 alleviates aluminium toxicity. Applied Microbiology and Biotechnology, 2016, 100, 1891-1900.	1.7	24
131	Latilactobacillus curvatus: A Candidate Probiotic with Excellent Fermentation Properties and Health Benefits. Foods, 2020, 9, 1366.	1.9	24
132	Unraveling the Microbial Mechanisms Underlying the Psychobiotic Potential of a Bifidobacterium breve Strain. Molecular Nutrition and Food Research, 2021, 65, e2000704.	1.5	24
133	The Potential Role of Probiotics in Protection against Influenza a Virus Infection in Mice. Foods, 2021, 10, 902.	1.9	24
134	Inhibitory Effect of Lactobacillus plantarum CCFM8724 towards Streptococcus mutans- and Candida albicans-Induced Caries in Rats. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-10.	1.9	24
135	Meta-analysis of randomized controlled trials of the effects of probiotics on type 2 diabetes in adults. Clinical Nutrition, 2022, 41, 365-373.	2.3	24
136	Bifidobacterium breve and Bifidobacterium longum Attenuate Choline-Induced Plasma Trimethylamine N-Oxide Production by Modulating Gut Microbiota in Mice. Nutrients, 2022, 14, 1222.	1.7	24
137	Metagenomic Insights into the Effects of Fructooligosaccharides (FOS) on the Composition of Luminal and Mucosal Microbiota in C57BL/6J Mice, Especially the Bifidobacterium Composition. Nutrients, 2019, 11, 2431.	1.7	23
138	Identification of Key Aroma Compounds in Type I Sourdough-Based Chinese Steamed Bread: Application of Untargeted Metabolomics Analysisp. International Journal of Molecular Sciences, 2019, 20, 818.	1.8	23
139	Identification of the key characteristics ofBifidobacterium longumstrains for the alleviation of ulcerative colitis. Food and Function, 2021, 12, 3476-3492.	2.1	23
140	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. Nutrients, 2022, 14, 1294.	1.7	23
141	The role of mucin and oligosaccharides via cross-feeding activities by Bifidobacterium: A review. International Journal of Biological Macromolecules, 2021, 167, 1329-1337.	3.6	22
142	Modulation of the Gut Microbiota Structure with Probiotics and Isoflavone Alleviates Metabolic Disorder in Ovariectomized Mice. Nutrients, 2021, 13, 1793.	1.7	22
143	Crosstalk between sIgA-Coated Bacteria in Infant Gut and Early-Life Health. Trends in Microbiology, 2021, 29, 725-735.	3.5	22
144	Comparative Genomics and Specific Functional Characteristics Analysis of Lactobacillus acidophilus. Microorganisms, 2021, 9, 1992.	1.6	22

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145	Human gut-derived B. longum subsp. longum strains protect against aging in a d-galactose-induced aging mouse model. Microbiome, 2021, 9, 180.	4.9	22
146	Effects of microwaves on molecular arrangements in potato starch. RSC Advances, 2017, 7, 14348-14353.	1.7	21
147	Pilot Safety Evaluation of a Novel Strain of Bacteroides ovatus. Frontiers in Genetics, 2018, 9, 539.	1.1	21
148	Lactobacillus reuteri A9 and Lactobacillus mucosae A13 isolated from Chinese superlongevity people modulate lipid metabolism in a hypercholesterolemia rat model. FEMS Microbiology Letters, 2019, 366, .	0.7	21
149	Potential of gut microbiome for detection of autism spectrum disorder. Microbial Pathogenesis, 2020, 149, 104568.	1.3	21
150	Protective effect of Bifidobacterium bifidum FSDJN7O5 and Bifidobacterium breve FHNFQ23M3 on diarrhea caused by enterotoxigenic Escherichia coli. Food and Function, 2021, 12, 7271-7282.	2.1	21
151	Inhibitory effect of microwave heating on cathepsin l-induced degradation of myofibrillar protein gel. Food Chemistry, 2021, 357, 129745.	4.2	21
152	The roles of different Bacteroides fragilis strains in protecting against DSS-induced ulcerative colitis and related functional genes. Food and Function, 2021, 12, 8300-8313.	2.1	21
153	A randomised, double-blind, placebo-controlled trial ofBifidobacterium bifidumCCFM16 for manipulation of the gut microbiota and relief from chronic constipation. Food and Function, 2022, 13, 1628-1640.	2.1	21
154	Production of exopolysaccharide by Bifidobacterium longum isolated from elderly and infant feces and analysis of priming glycosyltransferase genes. RSC Advances, 2017, 7, 31736-31744.	1.7	20
155	New insights in integrated response mechanism of Lactobacillus plantarum under excessive manganese stress. Food Research International, 2017, 102, 323-332.	2.9	20
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