

Jianxin Zhao

List of Publications by Citations

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Version: 2024-04-26

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300
papers

4,045
citations

31
h-index

47
g-index

337
ext. papers

6,930
ext. citations

5.5
avg, IF

6.1
L-index

#	Paper	IF	Citations
300	Protective effects of <i>Lactobacillus plantarum</i> CCFM8610 against acute cadmium toxicity in mice. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 1508-15	4.8	128
299	Oral Administration of Probiotics Inhibits Absorption of the Heavy Metal Cadmium by Protecting the Intestinal Barrier. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 4429-40	4.8	93
298	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. <i>Scientific Reports</i> , 2017 , 8, 45840	4.9	92
297	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, 4063-71	4.8	91
296	Lactic Acid Bacteria as Antifungal and Anti-Mycotoxigenic Agents: A Comprehensive Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019 , 18, 1403-1436	16.4	84
295	-a new functional genus with potential probiotic properties?. <i>Gut Microbes</i> , 2021 , 13, 1-21	8.8	82
294	Surface components and metabolites of probiotics for regulation of intestinal epithelial barrier. <i>Microbial Cell Factories</i> , 2020 , 19, 23	6.4	80
293	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015 , 54, 23-30	6.2	80
292	Determination of structural changes in microwaved rice starch using Fourier transform infrared and Raman spectroscopy. <i>Starch/Staerke</i> , 2012 , 64, 598-606	2.3	79
291	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	6.3	75
290	Towards a psychobiotic therapy for depression: CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. <i>Neurobiology of Stress</i> , 2020 , 12, 100216	7.6	69
289	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	2.1	62
288	Bifidobacterium adolescentis Exerts Strain-Specific Effects on Constipation Induced by Loperamide in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	57
287	Effect of microwave on lamellar parameters of rice starch through small-angle X-ray scattering. <i>Food Hydrocolloids</i> , 2014 , 35, 620-626	10.6	56
286	Antidiabetic effect of <i>Lactobacillus casei</i> CCFM0412 on mice with type 2 diabetes induced by a high-fat diet and streptozotocin. <i>Nutrition</i> , 2014 , 30, 1061-8	4.8	56
285	Microencapsulation of Bifidobacterium bifidum F-35 in reinforced alginate microspheres prepared by emulsification/internal gelation. <i>International Journal of Food Science and Technology</i> , 2011 , 46, 1672-1678	3.8	54
284	Effects of microwave combined with conduction heating on surimi quality and morphology. <i>Journal of Food Engineering</i> , 2018 , 228, 1-11	6	52

283	Disturbance of trace element and gut microbiota profiles as indicators of autism spectrum disorder: A pilot study of Chinese children. <i>Environmental Research</i> , 2019 , 171, 501-509	7.9	50
282	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	11	47
281	Effects of fish oil incorporation on the gelling properties of silver carp surimi gel subjected to microwave heating combined with conduction heating treatment. <i>Food Hydrocolloids</i> , 2019 , 94, 164-173	10.6	45
280	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	5.7	41
279	Effects of Whole-Grain Rice and Wheat on Composition of Gut Microbiota and Short-Chain Fatty Acids in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 6326-6335	5.7	40
278	and Composition at Species Level and Gut Microbiota Diversity in Infants before 6 Weeks. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	38
277	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	6.1	37
276	A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference. <i>Nutrients</i> , 2020 , 12,	6.7	37
275	Effects of Different Doses of Fructooligosaccharides (FOS) on the Composition of Mice Fecal Microbiota, Especially the Bifidobacterium Composition. <i>Nutrients</i> , 2018 , 10,	6.7	36
274	Beneficial effect of GABA-rich fermented milk on insomnia involving regulation of gut microbiota. <i>Microbiological Research</i> , 2020 , 233, 126409	5.3	35
273	Toxicity assessment of perfluorooctane sulfonate using acute and subchronic male C57BL/6J mouse models. <i>Environmental Pollution</i> , 2016 , 210, 388-96	9.3	34
272	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	4.9	33
271	Structural and Functional Alterations in the Microbial Community and Immunological Consequences in a Mouse Model of Antibiotic-Induced Dysbiosis. <i>Frontiers in Microbiology</i> , 2018 , 9, 1948	5.7	33
270	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	5.3	32
269	Microbial diversity in traditional type I sourdough and jiaozi and its influence on volatiles in Chinese steamed bread. <i>LWT - Food Science and Technology</i> , 2019 , 101, 764-773	5.4	31
268	Dietary <i>Lactobacillus plantarum</i> supplementation enhances growth performance and alleviates aluminum toxicity in tilapia. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 143, 307-314	7	30
267	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,	6.7	30
266	<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	6.1	29

265	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	6.1	29
264	The cadmium binding characteristics of a lactic acid bacterium in aqueous solutions and its application for removal of cadmium from fruit and vegetable juices. <i>RSC Advances</i> , 2016 , 6, 5990-5998	3.7	28
263	<i>Bifidobacteria</i> attenuate the development of metabolic disorders, with inter- and intra-species differences. <i>Food and Function</i> , 2018 , 9, 3509-3522	6.1	28
262	Changes in microbial community during Chinese traditional soybean paste fermentation. <i>International Journal of Food Science and Technology</i> , 2009 , 44, 2526-2530	3.8	28
261	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	1.9	27
260	Genetically engineered <i>Lactococcus lactis</i> protect against house dust mite allergy in a BALB/c mouse model. <i>PLoS ONE</i> , 2014 , 9, e109461	3.7	27
259	<i>Lactobacillus reuteri</i> attenuated allergic inflammation induced by HDM in the mouse and modulated gut microbes. <i>PLoS ONE</i> , 2020 , 15, e0231865	3.7	26
258	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	7	24
257	<i>Lactobacillus plantarum</i> CCFM639 Alleviate Trace Element Imbalance-Related Oxidative Stress in Liver and Kidney of Chronic Aluminum Exposure Mice. <i>Biological Trace Element Research</i> , 2017 , 176, 342-349	4.5	24
256	<i>Lactobacillus plantarum</i> X1 with α -glucosidase inhibitory activity ameliorates type 2 diabetes in mice. <i>RSC Advances</i> , 2016 , 6, 63536-63547	3.7	23
255	Assessment of <i>Bifidobacterium</i> Species Using groEL Gene on the Basis of Illumina MiSeq High-Throughput Sequencing. <i>Genes</i> , 2017 , 8,	4.2	23
254	Dietary supplementation with probiotics regulates gut microbiota structure and function in Nile tilapia exposed to aluminum. <i>PeerJ</i> , 2019 , 7, e6963	3.1	23
253	Strain-specific properties of <i>Lactobacillus plantarum</i> for prevention of <i>Salmonella</i> infection. <i>Food and Function</i> , 2018 , 9, 3673-3682	6.1	23
252	Protective Effects of Dietary Supplements Containing Probiotics, Micronutrients, and Plant Extracts Against Lead Toxicity in Mice. <i>Frontiers in Microbiology</i> , 2018 , 9, 2134	5.7	22
251	The role of MUC2 mucin in intestinal homeostasis and the impact of dietary components on MUC2 expression. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 884-891	7.9	21
250	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	5.1	21
249	Synergistic effect of microwave 3D print and transglutaminase on the self-gelation of surimi during printing. <i>Innovative Food Science and Emerging Technologies</i> , 2021 , 67, 102546	6.8	21
248	Catalytic effect of transglutaminase mediated by myofibrillar protein crosslinking under microwave irradiation. <i>Food Chemistry</i> , 2019 , 284, 45-52	8.5	20

247	Chemical interactions involved in microwave heat-induced surimi gel fortified with fish oil and its formation mechanism. <i>Food Hydrocolloids</i> , 2020 , 105, 105779	10.6	20
246	Intestinal environmental disorders associate with the tissue damages induced by perfluorooctane sulfonate exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 197, 110590	7	20
245	Lactobacillus plantarum CCFM639 alleviates aluminium toxicity. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 1891-1900	5.7	20
244	Intervention of transglutaminase in surimi gel under microwave irradiation. <i>Food Chemistry</i> , 2018 , 268, 378-385	8.5	20
243	Effect of microwave heating on optical and thermal properties of rice starch. <i>Starch/Staerke</i> , 2012 , 64, 740-744	2.3	20
242	Biochemical characterization of the tetrahydrobiopterin synthesis pathway in the oleaginous fungus <i>Mortierella alpina</i> . <i>Microbiology (United Kingdom)</i> , 2011 , 157, 3059-3070	2.9	20
241	Oral Supplementation of Lead-Intolerant Intestinal Microbes Protects Against Lead (Pb) Toxicity in Mice. <i>Frontiers in Microbiology</i> , 2019 , 10, 3161	5.7	20
240	A Surface Protein From Increases the Adhesion of Strains to Human Epithelial Cells. <i>Frontiers in Microbiology</i> , 2018 , 9, 2858	5.7	20
239	Comparative Genomics of Isolated From Different Niches Reveals Genetic Diversity in Carbohydrate Metabolism and Immune System. <i>Frontiers in Microbiology</i> , 2020 , 11, 253	5.7	19
238	Meta-analysis of randomized controlled trials of the effects of probiotics on functional constipation in adults. <i>Clinical Nutrition</i> , 2020 , 39, 2960-2969	5.9	19
237	Heating surimi products using microwave combined with steam methods: Study on energy saving and quality. <i>Innovative Food Science and Emerging Technologies</i> , 2018 , 47, 231-240	6.8	19
236	Adhesive Induced Changes in Cecal Microbiome Alleviated Constipation in Mice. <i>Frontiers in Microbiology</i> , 2019 , 10, 1721	5.7	18
235	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. <i>Food and Function</i> , 2020 , 11, 6115-6127	6.1	18
234	Identification of the key physiological characteristics of Lactobacillus plantarum strains for ulcerative colitis alleviation. <i>Food and Function</i> , 2020 , 11, 1279-1291	6.1	18
233	Microbial diversity and volatile profile of traditional fermented yak milk. <i>Journal of Dairy Science</i> , 2020 , 103, 87-97	4	18
232	The inhibition mechanism of γ -polylysine against <i>Bacillus cereus</i> emerging in surimi gel during refrigerated storage. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 2922-2930	4.3	18
231	Modulation of the gut microbiota by a galactooligosaccharide protects against heavy metal lead accumulation in mice. <i>Food and Function</i> , 2019 , 10, 3768-3781	6.1	17
230	Untargeted metabolomics reveals metabolic state of Bifidobacterium bifidum in the biofilm and planktonic states. <i>LWT - Food Science and Technology</i> , 2020 , 118, 108772	5.4	17

229	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	6.1	17
228	Mining <i>Lactobacillus</i> and <i>Bifidobacterium</i> for organisms with long-term gut colonization potential. <i>Clinical Nutrition</i> , 2020 , 39, 1315-1323	5.9	17
227	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	5.2	17
226	Ameliorates DSS-Induced Colitis by Maintaining Intestinal Mechanical Barrier, Blocking Proinflammatory Cytokines, Inhibiting TLR4/NF- κ B Signaling, and Altering Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 1496-1512	5.7	17
225	ZS2058 and GG Use Different Mechanisms to Prevent Infection. <i>Frontiers in Microbiology</i> , 2019 , 10, 299	5.7	16
224	Progress in the distribution, toxicity, control, and detoxification of patulin: A review. <i>Toxicon</i> , 2020 , 184, 83-93	2.8	16
223	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	6.1	16
222	Targeting Gut Microbiota Dysbiosis: Potential Intervention Strategies for Neurological Disorders. <i>Engineering</i> , 2020 , 6, 415-423	9.7	16
221	A study of the power absorption and temperature distribution during microwave reheating of instant rice. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 640-647	3.8	16
220	Perfluorooctanoic acid-induced liver injury is potentially associated with gut microbiota dysbiosis. <i>Chemosphere</i> , 2021 , 266, 129004	8.4	16
219	Increased Cadmium Excretion Due to Oral Administration of <i>Lactobacillus plantarum</i> Strains by Regulating Enterohepatic Circulation in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3956-3965	5.7	15
218	Protective effects of lactic acid bacteria-fermented soymilk against chronic cadmium toxicity in mice. <i>RSC Advances</i> , 2015 , 5, 4648-4658	3.7	15
217	Comparative Genomics of from the Gut and Vagina Reveals Genetic Diversity and Lifestyle Adaptation. <i>Genes</i> , 2020 , 11,	4.2	15
216	Varied doses and chemical forms of selenium supplementation differentially affect mouse intestinal physiology. <i>Food and Function</i> , 2019 , 10, 5398-5412	6.1	15
215	Comparative Genomics Analysis of from Different Niches. <i>Genes</i> , 2020 , 11,	4.2	15
214	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	5.7	15
213	Pilot Safety Evaluation of a Novel Strain of. <i>Frontiers in Genetics</i> , 2018 , 9, 539	4.5	15
212	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> , 2019 , 8,	4.9	14

211	Roles of intestinal in human health and diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 3518-3536	11.5	14
210	The diversity of gut microbiota in type 2 diabetes with or without cognitive impairment. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 589-601	4.8	14
209	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	9.3	13
208	The therapeutic protection of a living and dead <i>Lactobacillus</i> strain against aluminum-induced brain and liver injuries in C57BL/6 mice. <i>PLoS ONE</i> , 2017 , 12, e0175398	3.7	13
207	Metabolomics analysis reveals heavy metal copper-induced cytotoxicity in HT-29 human colon cancer cells. <i>RSC Advances</i> , 2016 , 6, 78445-78456	3.7	13
206	Effects of Probiotic Supplementation on Dyslipidemia in Type 2 Diabetes Mellitus: A Meta-Analysis of Randomized Controlled Trials. <i>Foods</i> , 2020 , 9,	4.9	13
205	New insights in integrated response mechanism of <i>Lactobacillus plantarum</i> under excessive manganese stress. <i>Food Research International</i> , 2017 , 102, 323-332	7	12
204	Cellular model to assess the antioxidant activity of lactobacilli. <i>RSC Advances</i> , 2015 , 5, 37626-37634	3.7	12
203	Lactic acid bacteria alleviate polycystic ovarian syndrome by regulating sex hormone related gut microbiota. <i>Food and Function</i> , 2020 , 11, 5192-5204	6.1	12
202	Comparative analysis of <i>Lactobacillus gasseri</i> from Chinese subjects reveals a new species-level taxa. <i>BMC Genomics</i> , 2020 , 21, 119	4.5	12
201	Effect of acids produced from carbohydrate metabolism in cryoprotectants on the viability of freeze-dried <i>Lactobacillus</i> and prediction of optimal initial cell concentration. <i>Journal of Bioscience and Bioengineering</i> , 2018 , 125, 513-518	3.3	12
200	A cellular model for screening of lactobacilli that can enhance tight junctions. <i>RSC Advances</i> , 2016 , 6, 111812-111821	3.7	12
199	Influence of microwave parameters and water activity on radical generation in rice starch. <i>Food Chemistry</i> , 2016 , 196, 34-41	8.5	12
198	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,	2.9	12
197	Gene-Based Phylogenetic Analysis of Species by High-Throughput Sequencing. <i>Genes</i> , 2019 , 10,	4.2	12
196	Maximum-biomass prediction of homofermentative <i>Lactobacillus</i> . <i>Journal of Bioscience and Bioengineering</i> , 2016 , 122, 52-7	3.3	12
195	Functional analysis of the role of CcpA in <i>Lactobacillus plantarum</i> grown on fructooligosaccharides or glucose: a transcriptomic perspective. <i>Microbial Cell Factories</i> , 2018 , 17, 201	6.4	12
194	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	3.7	11

193	Isolation of Low-Abundant Bacteroidales in the Human Intestine and the Analysis of Their Differential Utilization Based on Plant-Derived Polysaccharides. <i>Frontiers in Microbiology</i> , 2018 , 9, 1319	5.7	11
192	Effects of microwaves on molecular arrangements in potato starch. <i>RSC Advances</i> , 2017 , 7, 14348-14353	3.7	11
191	Divergent role of abiotic factors in shaping microbial community assembly of paocai brine during aging process. <i>Food Research International</i> , 2020 , 137, 109559	7	11
190	Selection, Characterization and Interaction Studies of a DNA Aptamer for the Detection of Bifidobacterium bifidum. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	10
189	Metagenomic Insights into the Effects of Fructooligosaccharides (FOS) on the Composition of Luminal and Mucosal Microbiota in C57BL/6J Mice, Especially the Composition. <i>Nutrients</i> , 2019 , 11,	6.7	10
188	Full-time response of starch subjected to microwave heating. <i>Scientific Reports</i> , 2017 , 7, 3967	4.9	10
187	Microwave-Absorbing Properties of Rice Starch. <i>Polymers</i> , 2015 , 7, 1895-1904	4.5	10
186	The impact of microwave heating on the granule state and thermal properties of potato starch. <i>Starch/Staerke</i> , 2015 , 67, 391-398	2.3	10
185	The characteristics of patulin detoxification by Lactobacillus plantarum 13M5. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111787	4.7	10
184	Lactobacillus plantarum relieves diarrhea caused by enterotoxin-producing Escherichia coli through inflammation modulation and gut microbiota regulation. <i>Food and Function</i> , 2020 , 11, 10362-10374	6.1	10
183	Comparative Genomic Analysis of Isolated from Different Niches. <i>Genes</i> , 2021 , 12,	4.2	10
182	The Effect of Co-infection of Food-Borne Pathogenic Bacteria on the Progression of Infection in Mice. <i>Frontiers in Microbiology</i> , 2018 , 9, 1977	5.7	10
181	Effects of noni fruit and fermented noni juice against acute alcohol induced liver injury in mice. <i>Journal of Functional Foods</i> , 2020 , 70, 103995	5.1	9
180	Systematic understanding of the potential manganese-adsorption components of a screened Lactobacillus plantarum CCFM436. <i>RSC Advances</i> , 2016 , 6, 102804-102813	3.7	9
179	Diversity of Gut Microbiota and Bifidobacterial Community of Chinese Subjects of Different Ages and from Different Regions. <i>Microorganisms</i> , 2020 , 8,	4.9	9
178	Identification of Key Aroma Compounds in Type I Sourdough-Based Chinese Steamed Bread: Application of Untargeted Metabolomics Analysis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
177	Lactic acid bacteria strains relieve hyperuricaemia by suppressing xanthine oxidase activity a short-chain fatty acid-dependent mechanism. <i>Food and Function</i> , 2021 , 12, 7054-7067	6.1	9
176	Exerts Strain-Specific Effects on DSS-Induced Ulcerative Colitis in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 698914	5.9	9

175	Selection, identification and application of DNA aptamers for the detection of <i>Bifidobacterium breve</i> . <i>RSC Advances</i> , 2017 , 7, 11672-11679	3.7	8
174	Concentration-related microwave heating processes: electromagnetic interference of Maillard reaction substrates (glucose and lysine). <i>RSC Advances</i> , 2017 , 7, 24382-24386	3.7	8
173	Complete genome sequence of <i>Lactobacillus plantarum</i> ZS2058, a probiotic strain with high conjugated linoleic acid production ability. <i>Journal of Biotechnology</i> , 2015 , 214, 212-3	3.7	8
172	The physicochemical properties of chitosan prepared by microwave heating. <i>Food Science and Nutrition</i> , 2020 , 8, 1987-1994	3.2	8
171	Caffeic acid assists microwave heating to inhibit the formation of mutagenic and carcinogenic PHIP. <i>Food Chemistry</i> , 2020 , 317, 126447	8.5	8
170	Multiple mechanisms applied by <i>Lactobacillus pentosus</i> AT6 to mute the lethal effects of <i>Salmonella</i> in a mouse model. <i>Food and Function</i> , 2018 , 9, 2787-2795	6.1	8
169	Mucosal delivery of allergen peptides expressed by <i>Lactococcus lactis</i> inhibit allergic responses in a BALB/c mouse model. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 1915-1924	5.7	8
168	Effect of Calcium on Absorption Properties and Thermal Stability of Milk during Microwave Heating. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	8
167	Antifungal Activity of <i>Lactobacillus plantarum</i> Against <i>Penicillium roqueforti</i> in Vitro and the Preservation Effect on Chinese Steamed Bread. <i>Journal of Food Processing and Preservation</i> , 2017 , 41, e12969	2.1	8
166	Meta-analysis of the efficacy of probiotic-supplemented therapy on the eradication of <i>H. pylori</i> and incidence of therapy-associated side effects. <i>Microbial Pathogenesis</i> , 2020 , 147, 104403	3.8	8
165	Strains Relieve Loperamide-Induced Constipation via Different Pathways Independent of Short-Chain Fatty Acids. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 423	5.9	8
164	Community-wide changes reflecting bacterial interspecific interactions in multispecies biofilms. <i>Critical Reviews in Microbiology</i> , 2021 , 47, 338-358	7.8	8
163	Both living and dead <i>Faecalibacterium prausnitzii</i> alleviate house dust mite-induced allergic asthma through the modulation of gut microbiota and short-chain fatty acid production. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 5563-5573	4.3	8
162	Administration of Improves the Brain Function of Aβ-Treated Mice via the Modulation of the Gut Microbiome. <i>Nutrients</i> , 2021 , 13,	6.7	8
161	Probiotics for Mild Cognitive Impairment and Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Foods</i> , 2021 , 10,	4.9	8
160	Lipid metabolism research in oleaginous fungus <i>Mortierella alpina</i> : Current progress and future prospects. <i>Biotechnology Advances</i> , 2021 , 107794	17.8	8
159	<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,	2.9	8
158	Molecular mechanism of substrate preference for Δ ⁵ fatty acid desaturase from <i>Mortierella alpina</i> by mutational analysis and molecular docking. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 9679-9689	5.7	8

157	γ-Glutamyl Cysteine Ligase of <i>Lactobacillus reuteri</i> Synthesizes γ-Glutamyl Dipeptides in Sourdough. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 12368-12375	5.7	8
156	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	6.1	8
155	System-wide analysis of manganese starvation-induced metabolism in key elements of <i>Lactobacillus plantarum</i> . <i>RSC Advances</i> , 2017 , 7, 12959-12968	3.7	7
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