

Jianxin Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Dietary supplementation with low-dose xylooligosaccharide promotes the anti-Salmonella activity of probiotic <i>Lactiplantibacillus plantarum</i> ZS2058 in a murine model.. <i>Food Research International</i> , 2022 , 151, 110858	7	3
299	Human gut microbiome aging clocks based on taxonomic and functional signatures through multi-view learning.. <i>Gut Microbes</i> , 2022 , 14, 2025016	8.8	1
298	A randomised, double-blind, placebo-controlled trial of CCFM16 for manipulation of the gut microbiota and relief from chronic constipation.. <i>Food and Function</i> , 2022 ,	6.1	2
297	Ellagic acid and intestinal microflora metabolite urolithin A: A review on its sources, metabolic distribution, health benefits, and biotransformation.. <i>Critical Reviews in Food Science and Nutrition</i> , 2022 , 1-23	11.5	1
296	A recommended amount of hydrolyzed protein improves physiological function by regulating gut microbiota in aged mice.. <i>Food Research International</i> , 2022 , 154, 110970	7	
295	CCFM1019 attenuate polycystic ovary syndrome through butyrate dependent gut-brain mechanism.. <i>Food and Function</i> , 2022 ,	6.1	3
294	Protective effects of different strains against lipopolysaccharide-induced acute intestinal injury, and their underlying functional genes.. <i>Journal of Advanced Research</i> , 2022 , 36, 27-37	13	6
293	Mathematical modeling of continuous microwave heating of surimi paste. <i>Journal of Food Engineering</i> , 2022 , 315, 110797	6	2
292	relieves constipation by regulating the intestinal barrier of mice.. <i>Food and Function</i> , 2022 ,	6.1	3
291	CCFM8724 Reduces the Amounts of Oral Pathogens and Alters the Oral Microbiota in Children With Dental Caries: a Randomized, Double-Blind, Placebo-Controlled Trial. 2022 , 1-10		
290	<i>Streptococcus mutans</i> and <i>Candida albicans</i> Biofilm Inhibitors Produced by <i>Lactiplantibacillus plantarum</i> CCFM8724.. <i>Current Microbiology</i> , 2022 , 79, 143	2.4	2
289	mediated tryptophan metabolism to improve atopic dermatitis via the gut-skin axis.. <i>Gut Microbes</i> , 2022 , 14, 2044723	8.8	3
288	Efficacy and Safety of CCFM1040 in Allergic Rhinitis and Asthma: A Randomized, Placebo-Controlled Trial.. <i>Frontiers in Nutrition</i> , 2022 , 9, 862934	6.2	1
287	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 , 119197	9.3	0
286	The recent advances of glucosinolates and their metabolites: Metabolism, physiological functions and potential application strategies.. <i>Critical Reviews in Food Science and Nutrition</i> , 2022 , 1-18	11.5	1
285	Research progress on conjugated linoleic acid bio-conversion in <i>Bifidobacterium</i> .. <i>International Journal of Food Microbiology</i> , 2022 , 369, 109593	5.8	1
284	Gene-trait matching analysis reveals putative genes involved in <i>Bifidobacterium</i> spp. biofilm formation.. <i>Gene</i> , 2022 , 826, 146449	3.8	

283	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	10.3	1
282	Changes in physicochemical properties of silver carp (<i>Hypophthalmichthys molitrix</i>) surimi during chilled storage: The roles of spoilage bacteria.. <i>Food Chemistry</i> , 2022 , 387, 132847	8.5	0
281	Modulation of gut health using probiotics: the role of probiotic effector molecules. <i>Journal of Future Foods</i> , 2022 , 2, 1-12		1
280	Dose-dependent effects of chronic lead toxicity in vivo: Focusing on trace elements and gut microbiota.. <i>Chemosphere</i> , 2022 , 134670	8.4	1
279	CCFM1077 Ameliorated Neurotransmitter Disorder and Neuroinflammation Closely Linked to Regulation in the Kynurenine Pathway of Autistic-like Rats.. <i>Nutrients</i> , 2022 , 14,	6.7	2
278	Treated by Electrostatic Spray Drying Relieved Constipation by Changing the Relative Abundance of Bacteria Associated With Gastrointestinal Regulatory Peptides.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 894216	5.9	
277	The relationship between amino acid and lipid metabolism in oleaginous eukaryotic microorganism.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 1	5.7	0
276	Inhibitory effect of <i>Lactobacillus gasseri</i> CCFM1201 on <i>Gardnerella vaginalis</i> in mice with bacterial vaginosis.. <i>Archives of Microbiology</i> , 2022 , 204, 315	3	0
275	Dietary strategies to promote the abundance of intestinal <i>Akkermansia muciniphila</i> , a focus on the effect of plant extracts. <i>Journal of Functional Foods</i> , 2022 , 93, 105093	5.1	2
274	Novel Thermostable Heparinase Based on the Genome of <i>Bacteroides</i> Isolated from Human Gut Microbiota. <i>Foods</i> , 2022 , 11, 1462	4.9	
273	Protective Effects of a Novel Probiotic <i>Bifidobacterium pseudolongum</i> on the Intestinal Barrier of Colitis Mice via Modulating the Ppar γ /STAT3 Pathway and Intestinal Microbiota. <i>Foods</i> , 2022 , 11, 1551	4.9	2
272	The Comparative Analysis of Genomic Diversity and Genes Involved in Carbohydrate Metabolism of Eighty-Eight <i>Bifidobacterium pseudocatenulatum</i> Isolates from Different Niches of China. <i>Nutrients</i> , 2022 , 14, 2347	6.7	0
271	Do non-thermal effects exist in microwave heating of glucose aqueous solutions? Evidence from molecular dynamics simulations. <i>Food Chemistry</i> , 2021 , 131677	8.5	2
270	Multi-Omics Reveals the Inhibition of CCFM8724 in - Mixed-Species Biofilms. <i>Microorganisms</i> , 2021 , 9,	4.9	3
269	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- κ B Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 14593-14608	5.7	3
268	<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> , 2021 , 100, 233-233	16.6	7
267	Meta-analysis of randomized controlled trials of the effects of probiotics on type 2 diabetes in adults.. <i>Clinical Nutrition</i> , 2021 , 41, 365-373	5.9	3
266	CCFM6432 mitigates chronic stress-induced anxiety and gut microbial abnormalities. <i>Food and Function</i> , 2021 , 12, 11241-11249	6.1	1

265	Protective Effects of CCFM8610 against Acute Toxicity Caused by Different Food-Derived Forms of Cadmium in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
264	Characterization of NAD/NADP-Specific Isocitrate Dehydrogenases From Oleaginous Fungus Involved in Lipid Accumulation. <i>Frontiers in Nutrition</i> , 2021 , 8, 746342	6.2	0
263	Bifidobacteria exhibited stronger ability to utilize fructooligosaccharides, compared with other bacteria in the mouse intestine. <i>Journal of the Science of Food and Agriculture</i> , 2021 ,	4.3	1
262	CCFM1143 Alleviates Chronic Diarrhea Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study. <i>Frontiers in Immunology</i> , 2021 , 12, 746585	8.4	2
261	Roles of intestinal in human health and diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 3518-3536	11.5	14
260	Unraveling the Microbial Mechanisms Underlying the Psychobiotic Potential of a Bifidobacterium breve Strain. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000704	5.9	7
259	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	9.7	4
258	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,	6.7	4
257	Strains Improve Constipation Symptoms and Regulate Intestinal Flora in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 655258	5.9	4
256	Community-wide changes reflecting bacterial interspecific interactions in multispecies biofilms. <i>Critical Reviews in Microbiology</i> , 2021 , 47, 338-358	7.8	8
255	Lactulose significantly increased the relative abundance of Bifidobacterium and Blautia in mice feces as revealed by 16S rRNA amplicon sequencing. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 5721-5729	4.3	0
254	Synergistic Protective Effects of Different Dietary Supplements Against Type 2 Diabetes via Regulating Gut Microbiota. <i>Journal of Medicinal Food</i> , 2021 , 24, 319-330	2.8	3
253	Role of the mitochondrial citrate-oxoglutarate carrier in lipid accumulation in the oleaginous fungus <i>Mortierella alpina</i> . <i>Biotechnology Letters</i> , 2021 , 43, 1455-1466	3	3
252	Gene-Phenotype Associations Involving Human-Residential Bifidobacteria (HRB) Reveal Significant Species- and Strain-Specificity in Carbohydrate Catabolism. <i>Microorganisms</i> , 2021 , 9,	4.9	1
251	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
250	The Potential Role of Probiotics in Protection against Influenza a Virus Infection in Mice. <i>Foods</i> , 2021 , 10,	4.9	4
249	A Comprehensive Assessment of the Safety of DSM 2950. <i>Microorganisms</i> , 2021 , 9,	4.9	2
248	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

247	Modulation of the Gut Microbiota Structure with Probiotics and Isoflavone Alleviates Metabolic Disorder in Ovariectomized Mice. <i>Nutrients</i> , 2021 , 13,	6.7	5
246	Quantitative Detection of Strains in Feces Using Strain-Specific Primers. <i>Microorganisms</i> , 2021 , 9,	4.9	1
245	Targeting the Gut Microbiota for Remediating Obesity and Related Metabolic Disorders. <i>Journal of Nutrition</i> , 2021 , 151, 1703-1716	4.1	1
244	CCFM1074 Alleviates Collagen-Induced Arthritis in Rats Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota. <i>Frontiers in Immunology</i> , 2021 , 12, 680073	8.4	4
243	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	3.1	3
242	Comprehensive Scanning of Prophages in : Distribution, Diversity, Antibiotic Resistance Genes, and Linkages with CRISPR-Cas Systems. <i>MSystems</i> , 2021 , 6, e0121120	7.6	3
241	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
240	Lactic acid bacteria that activate immune gene expression in <i>Caenorhabditis elegans</i> can antagonise <i>Campylobacter jejuni</i> infection in nematodes, chickens and mice. <i>BMC Microbiology</i> , 2021 , 21, 169	4.5	0
239	Potential Role of Probiotics in Ameliorating Psoriasis by Modulating Gut Microbiota in Imiquimod-Induced Psoriasis-Like Mice. <i>Nutrients</i> , 2021 , 13,	6.7	6
238	The peptides in oat and malt extracts that are preferentially absorbed by <i>Lactobacillus plantarum</i> and stimulates its proliferation in milk. <i>International Journal of Food Science and Technology</i> , 2021 , 56, 4690-4699	3.8	0
237	Alleviates DSS-Induced Colitis by Inflammatory Cytokines and Gut Microbiota Modulation. <i>Foods</i> , 2021 , 10,	4.9	6
236	Mining genome traits that determine the different gut colonization potential of and species. <i>Microbial Genomics</i> , 2021 , 7,	4.4	1
235	Integrated Phenotypic-Genotypic Analysis of α from Different Niches. <i>Foods</i> , 2021 , 10,	4.9	1
234	Probiotics for Mild Cognitive Impairment and Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Foods</i> , 2021 , 10,	4.9	8
233	Lipid metabolism research in oleaginous fungus <i>Mortierella alpina</i> : Current progress and future prospects. <i>Biotechnology Advances</i> , 2021 , 107794	17.8	8
232	Effects of <i>Bacillus coagulans</i> as an adjunct starter culture on yogurt quality and storage. <i>Journal of Dairy Science</i> , 2021 , 104, 7466-7479	4	4
231	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
230	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

229	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
228	Lactobacillus plantarum-Mediated Regulation of Dietary Aluminum Induces Changes in the Human Gut Microbiota: an In Vitro Colonic Fermentation Study. <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 13, 398-412	5.5	5
227	A new Illumina MiSeq high-throughput sequencing-based method for evaluating the composition of the Bacteroides community in the intestine using the rpsD gene sequence. <i>Microbial Biotechnology</i> , 2021 , 14, 577-586	6.3	3
226	Perfluorooctanoic acid-induced liver injury is potentially associated with gut microbiota dysbiosis. <i>Chemosphere</i> , 2021 , 266, 129004	8.4	16
225	The role of mucin and oligosaccharides via cross-feeding activities by Bifidobacterium: A review. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 1329-1337	7.9	4
224	Lactobacillus reuteri CCFM1072 and CCFM1040 with the role of Treg cells regulation alleviate airway inflammation through modulating gut microbiota in allergic asthma mice. <i>Journal of Functional Foods</i> , 2021 , 76, 104286	5.1	4
223	Tracing Lactobacillus plantarum within the intestinal tract of mice: green fluorescent protein-based fluorescent tagging. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 1758-1766	4.3	1
222	Gas chromatography-mass spectrometry-based metabolomics analysis of metabolites in commercial and inoculated pickles. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 1436-1446	4.3	3
221	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	8.8	2
220	Protein diets with the role of immune and gut microbial regulation alleviate DSS-induced chronic ulcerative colitis. <i>Food Science and Nutrition</i> , 2021 , 9, 1259-1270	3.2	1
219	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
218	-a new functional genus with potential probiotic properties?. <i>Gut Microbes</i> , 2021 , 13, 1-21	8.8	82
217	Strain-Specific Effects of on Hypercholesterolemic Rats and Potential Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
216	Protective effect of Bifidobacterium bifidum FSDJN7O5 and Bifidobacterium breve FHNFQ23M3 on diarrhea caused by enterotoxigenic Escherichia coli. <i>Food and Function</i> , 2021 , 12, 7271-7282	6.1	5
215	Effects of Limosilactobacillus fermentum CCFM1139 on experimental periodontitis in rats. <i>Food and Function</i> , 2021 , 12, 4670-4678	6.1	2
214	Different strains change the intestinal flora composition of mice different mechanisms to alleviate loperamide-induced constipation. <i>Food and Function</i> , 2021 , 12, 6058-6069	6.1	2
213	Identification of the key characteristics of strains for the alleviation of ulcerative colitis. <i>Food and Function</i> , 2021 , 12, 3476-3492	6.1	2
212	Effects of the short-term administration of on physiological characteristics, inflammation, and intestinal microecology in mice. <i>Food and Function</i> , 2021 , 12, 1695-1707	6.1	2

211	Effect of lipase incorporation on gelling properties of catfish (<i>Clarias lazera</i>) surimi and its mechanism. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 4498-4505	4.3	0
210	Short communication: Genotype-phenotype association analysis revealed different utilization ability of 2Sfucosyllactose in <i>Bifidobacterium</i> genus. <i>Journal of Dairy Science</i> , 2021 , 104, 1518-1523	4	1
209	Supernatants of and Strains Exhibited Antioxidative Effects on A7R5 Cells. <i>Microorganisms</i> , 2021 , 9,	4.9	2
208	Transcriptome Analysis Reveals the Genes Involved in FGSZY16M3 Biofilm Formation. <i>Microorganisms</i> , 2021 , 9,	4.9	5
207	Comparative Genomic Analysis of Isolated from Different Niches. <i>Genes</i> , 2021 , 12,	4.2	10
206	Electromagnetic properties of crayfish and its responses of temperature and moisture under microwave field. <i>Journal of Food Science</i> , 2021 , 86, 1306-1321	3.4	0
205	Gut Microbiota, Probiotics, and Their Interactions in Prevention and Treatment of Atopic Dermatitis: A Review. <i>Frontiers in Immunology</i> , 2021 , 12, 720393	8.4	2
204	Linoleate Isomerase Complex Contributes to Metabolism and Remission of DSS-Induced Colitis in Mice of ZS2058. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 8160-8171	5.7	
203	Integration of Transcriptome and Metabolome Reveals the Genes and Metabolites Involved in Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
202	Role of beta-isopropylmalate dehydrogenase in lipid biosynthesis of the oleaginous fungus <i>Mortierella alpina</i> . <i>Fungal Genetics and Biology</i> , 2021 , 152, 103572	3.9	6
201	Redox Proteomic Analysis Reveals Microwave-Induced Oxidation Modifications of Myofibrillar Proteins from Silver Carp (). <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 9706-9715	5.7	3
200	<i>Lactobacillus</i> , <i>Bifidobacterium</i> and <i>Lactococcus</i> response to environmental stress: Mechanisms and application of cross-protection to improve resistance against freeze-drying. <i>Journal of Applied Microbiology</i> , 2021 ,	4.7	3
199	Advances in improving the biotechnological application of oleaginous fungus <i>Mortierella alpina</i> . <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 6275-6289	5.7	2
198	Microwave heating of dried minced pork slices with different fat content: An assessment of dielectric response and quality properties. <i>LWT - Food Science and Technology</i> , 2021 , 148, 111729	5.4	1
197	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
196	Crosstalk between sIgA-Coated Bacteria in Infant Gut and Early-Life Health. <i>Trends in Microbiology</i> , 2021 , 29, 725-735	12.4	6
195	The role of phenylalanine hydroxylase in lipogenesis in the oleaginous fungus. <i>Microbiology (United Kingdom)</i> , 2021 , 167,	2.9	1
194	The Protection of CCFM8661 Against Benzopyrene-Induced Toxicity Regulation of the Gut Microbiota. <i>Frontiers in Immunology</i> , 2021 , 12, 736129	8.4	1

193	A multiphase dietetic protocol incorporating an improved ketogenic diet enhances weight loss and alters the gut microbiome of obese people. <i>International Journal of Food Sciences and Nutrition</i> , 2021 , 1-13	3.7	1
192	Chinese gut microbiota and its associations with staple food type, ethnicity, and urbanization. <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 71	8.2	6
191	Comparative Genomics and Specific Functional Characteristics Analysis of. <i>Microorganisms</i> , 2021 , 9,	4.9	2
190	Effect of fish mince size on physicochemical and gelling properties of silver carp (<i>Hypophthalmichthys molitrix</i>) surimi gel. <i>LWT - Food Science and Technology</i> , 2021 , 149, 111912	5.4	4
189	FYNLJ109L1 Attenuating Metabolic Syndrome in Mice via Gut Microbiota Modulation and Alleviating Inflammation. <i>Foods</i> , 2021 , 10,	4.9	1
188	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, 7554814	8.4	3
187	Linoleic Acid Triggered a Metabolomic Stress Condition in Three Species of Bifidobacteria Characterized by Different Conjugated Linoleic Acid-Producing Abilities. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 11311-11321	5.7	1
186	Inhibitory effect of microwave heating on cathepsin L-induced degradation of myofibrillar protein gel. <i>Food Chemistry</i> , 2021 , 357, 129745	8.5	5
185	The Species-Level Composition of the Fecal and Genera in Indonesian Children Differs from That of Their Mothers. <i>Microorganisms</i> , 2021 , 9,	4.9	2
184	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	16.6	1
183	Shifts in diversity and function of bacterial community during manufacture of rushan. <i>Journal of Dairy Science</i> , 2021 , 104, 12375-12393	4	1
182	Lactic acid bacteria alleviate liver damage caused by perfluorooctanoic acid exposure via antioxidant capacity, biosorption capacity and gut microbiota regulation. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 222, 112515	7	2
181	Physiological Characteristics of Strains and Their Alleviation Effects against Inflammatory Bowel Disease. <i>Journal of Microbiology and Biotechnology</i> , 2021 , 31, 92-103	3.3	4
180	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
179	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
178	FJSYC4-1 and FGSZY33L6 alleviate metabolic syndrome gut microbiota regulation. <i>Food and Function</i> , 2021 , 12, 3919-3930	6.1	5
177	The roles of different strains in protecting against DSS-induced ulcerative colitis and related functional genes. <i>Food and Function</i> , 2021 ,	6.1	4
176	Effects of sourdough on improving the textural characteristics of microwave-steamed cake: A perspective from dielectric properties and water distribution. <i>Journal of Food Science</i> , 2020 , 85, 3282-3292	3.4	3

175	The Diversity of the CRISPR-Cas System and Prophages Present in the Genome Reveals the Co-evolution of and Phages. <i>Frontiers in Microbiology</i> , 2020 , 11, 1088	5.7	4
174	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
173	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
172	Two-stage pH control combined with oxygen-enriched air strategies for the highly efficient production of EPA by <i>Mortierella alpina</i> CCFM698 with fed-batch fermentation. <i>Bioprocess and Biosystems Engineering</i> , 2020 , 43, 1725-1733	3.7	7
171	Progress in the distribution, toxicity, control, and detoxification of patulin: A review. <i>Toxicon</i> , 2020 , 184, 83-93	2.8	16
170	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
169	<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	6.1	18
168	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
167	Tetrahydrobiopterin Plays a Functionally Significant Role in Lipogenesis in the Oleaginous Fungus. <i>Frontiers in Microbiology</i> , 2020 , 11, 250	5.7	5
166	Targeting Gut Microbiota Dysbiosis: Potential Intervention Strategies for Neurological Disorders. <i>Engineering</i> , 2020 , 6, 415-423	9.7	16
165	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
164	The physicochemical properties of chitosan prepared by microwave heating. <i>Food Science and Nutrition</i> , 2020 , 8, 1987-1994	3.2	8
163	Preliminary study for the stimulation effect of plant-based meals on pure culture <i>Lactobacillus plantarum</i> growth and acidification in milk fermentation. <i>Journal of Dairy Science</i> , 2020 , 103, 4078-4087	4	3
162	Establishment and evaluation of a method for efficient screening of <i>Clostridium butyricum</i> . <i>Folia Microbiologica</i> , 2020 , 65, 917-924	2.8	1
161	Surface components and metabolites of probiotics for regulation of intestinal epithelial barrier. <i>Microbial Cell Factories</i> , 2020 , 19, 23	6.4	80
160	Caffeic acid assists microwave heating to inhibit the formation of mutagenic and carcinogenic PhIP. <i>Food Chemistry</i> , 2020 , 317, 126447	8.5	8
159	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
158	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

157	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
156	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	6.1	18
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152	Comparative Genomics of from the Gut and Vagina Reveals Genetic Diversity and Lifestyle Adaptation. <i>Genes</i> , 2020 , 11,	4.2	15
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149	Identification, characterization, and phylogenetic analysis of eight new inducible prophages in <i>Lactobacillus</i> . <i>Virus Research</i> , 2020 , 286, 198003	6.4	3
148	Inhibitory and preventive effects of FB-T9 on dental caries in rats. <i>Journal of Oral Microbiology</i> , 2020 , 12, 1703883	6.3	4
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141	Comparative Genomics Analysis of from Different Niches. <i>Genes</i> , 2020 , 11,	4.2	15
140	Short communication: Lactose utilization of <i>Streptococcus thermophilus</i> and correlations with β -galactosidase and urease. <i>Journal of Dairy Science</i> , 2020 , 103, 166-171	4	2

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6	Effect of microwave heating on optical and thermal properties of rice starch. <i>Starch/Staerke</i> , 2012 , 64, 740-744	2.3	20
5	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
4	Microencapsulation of <i>Bifidobacterium bifidum</i> 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
3	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
2	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
1	Quorum Sensing of Lactic Acid Bacteria: Progress and Insights. <i>Food Reviews International</i> , 1-12	5.5	1