

Wenwei Lu

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.

52
papers

347
citations

10
h-index

16
g-index

63
ext. papers

695
ext. citations

5.4
avg. IF

3.79
L-index

#	Paper	IF	Citations
52	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
51	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
50	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	
49	Gut Microbiota and Targeted Biomarkers Analysis in Patients With Cognitive Impairment.. <i>Frontiers in Neurology</i> , 2022 , 13, 834403	4.1	0
48	mediated tryptophan metabolism to improve atopic dermatitis via the gut-skin axis.. <i>Gut Microbes</i> , 2022 , 14, 2044723	8.8	3
47	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
46	Gene-trait matching analysis reveals putative genes involved in <i>Bifidobacterium</i> spp. biofilm formation.. <i>Gene</i> , 2022 , 826, 146449	3.8	
45	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	
44	Associations of maternal prenatal emotional symptoms with neurodevelopment of children and the neonatal meconium microbiota: A prospective cohort study.. <i>Psychoneuroendocrinology</i> , 2022 , 142, 105787	5	0
43	Multi-Omics Reveals the Inhibition of CCFM8724 in - Mixed-Species Biofilms. <i>Microorganisms</i> , 2021 , 9,	4.9	3
42	Regulation divergences of PCC and 431 on penicillin-induced upper respiratory tract microbial dysbiosis in BALB/c mice. <i>Food and Function</i> , 2021 , 12, 11913-11925	6.1	0
41	Community-wide changes reflecting bacterial interspecific interactions in multispecies biofilms. <i>Critical Reviews in Microbiology</i> , 2021 , 47, 338-358	7.8	8
40	Gene-Phenotype Associations Involving Human-Residential <i>Bifidobacteria</i> (HRB) Reveal Significant Species- and Strain-Specificity in Carbohydrate Catabolism. <i>Microorganisms</i> , 2021 , 9,	4.9	1
39	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
38	The Potential Role of Probiotics in Protection against Influenza a Virus Infection in Mice. <i>Foods</i> , 2021 , 10,	4.9	4
37	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
36	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

35	Evaluation of probiotics for inhibiting hyperproliferation and inflammation relevant to psoriasis in vitro. <i>Journal of Functional Foods</i> , 2021 , 81, 104433	5.1	3
34	The biofilm-forming ability of six Bifidobacterium strains on grape seed flour. <i>LWT - Food Science and Technology</i> , 2021 , 144, 111205	5.4	5
33	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
32	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
31	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
30	Effects of Limosilactobacillus fermentum CCFM1139 on experimental periodontitis in rats. <i>Food and Function</i> , 2021 , 12, 4670-4678	6.1	2
29	Supernatants of and Strains Exhibited Antioxidative Effects on A7R5 Cells. <i>Microorganisms</i> , 2021 , 9,	4.9	2
28	Transcriptome Analysis Reveals the Genes Involved in FGSZY16M3 Biofilm Formation. <i>Microorganisms</i> , 2021 , 9,	4.9	5
27	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
26	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
25	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
24	The role of phenylalanine hydroxylase in lipogenesis in the oleaginous fungus. <i>Microbiology (United Kingdom)</i> , 2021 , 167,	2.9	1
23	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
22	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
21	Evidence from comparative genomic analyses indicating that -mediated irritable bowel syndrome alleviation is mediated by conjugated linoleic acid synthesis. <i>Food and Function</i> , 2021 , 12, 1121-1134	6.1	3
20	Preliminary study for the stimulation effect of plant-based meals on pure culture Lactobacillus plantarum growth and acidification in milk fermentation. <i>Journal of Dairy Science</i> , 2020 , 103, 4078-4087	4	3
19	Establishment and evaluation of a method for efficient screening of Clostridium butyricum. <i>Folia Microbiologica</i> , 2020 , 65, 917-924	2.8	1
18	Identification, characterization, and phylogenetic analysis of eight new inducible prophages in Lactobacillus. <i>Virus Research</i> , 2020 , 286, 198003	6.4	3

17	The role of MTHFDL in mediating intracellular lipogenesis in oleaginous. <i>Microbiology (United Kingdom)</i> , 2020 , 166, 617-623	2.9	2
16	Bifidobacteria adolescentis 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	5.2	15
15	Potential of gut microbiome for detection of autism spectrum disorder. <i>Microbial Pathogenesis</i> , 2020 , 149, 104568	3.8	5
14	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
13	Prophylactic effects of oral administration of on house dust mite-induced asthma in mice. <i>Food and Function</i> , 2020 , 11, 9272-9284	6.1	7
12	The Protective Effect of Extracts Against Obesity and Inflammation by Regulating Free Fatty Acids Metabolism in Nonalcoholic Fatty Liver Disease. <i>Nutrients</i> , 2020 , 12,	6.7	7
11	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	5.2	20
10	Lactobacillus reuteri attenuated allergic inflammation induced by HDM in the mouse and modulated gut microbes. <i>PLoS ONE</i> , 2020 , 15, e0231865	3.7	26
9	Strain-specific ameliorating effect of Bifidobacterium longum on atopic dermatitis in mice. <i>Journal of Functional Foods</i> , 2019 , 60, 103426	5.1	7
8	Gene-Based Phylogenetic Analysis of Species by High-Throughput Sequencing. <i>Genes</i> , 2019 , 10,	4.2	12
7	Selection, identification and application of DNA aptamers for the detection of Bifidobacterium breve. <i>RSC Advances</i> , 2017 , 7, 11672-11679	3.7	8
6	Suitability of various DNA extraction methods for a traditional Chinese paocai system. <i>Bioengineered</i> , 2017 , 8, 642-650	5.7	1
5	New insights in integrated response mechanism of Lactobacillus plantarum under excessive manganese stress. <i>Food Research International</i> , 2017 , 102, 323-332	7	12
4	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
3	Assessment of Bifidobacterium Species Using groEL Gene on the Basis of Illumina MiSeq High-Throughput Sequencing. <i>Genes</i> , 2017 , 8,	4.2	23
2	Multiple roles of lactic acid bacteria microflora in the formation of marker flavour compounds in traditional chinese paocai. <i>RSC Advances</i> , 2016 , 6, 89671-89678	3.7	30
1	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, 2415-22	5.7	39