Bo Yang

List of Publications by Citations

160	3,240	32	51
papers	citations	h-index	g-index
176	4,910	5.4	5.61
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
160	A phylo-functional core of gut microbiota in healthy young Chinese cohorts across lifestyles, geography and ethnicities. *ISME Journal*, **2015**, 9, 1979-90	11.9	231
159	Quantitative genetic background of the host influences gut microbiomes in chickens. *Scientific Reports*, **2013**, 3, 1163	4.9	190
158	Review of the roles of conjugated linoleic acid in health and disease. *Journal of Functional Foods*, **2015**, 15, 314-325	5.1	137
157	Genome characterization of the oleaginous fungus Mortierella alpina. *PLoS ONE*, **2011**, 6, e28319	3.7	102
156	Oral Administration of Probiotics Inhibits Absorption of the Heavy Metal Cadmium by Protecting the Intestinal Barrier. *Applied and Environmental Microbiology*, **2016**, 82, 4429-40	4.8	93
155	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. *Scientific Reports*, **2017**, 8, 45840	4.9	92
154	Lactic Acid Bacteria as Antifungal and Anti-Mycotoxigenic Agents: A Comprehensive Review. *Comprehensive Reviews in Food Science and Food Safety*, **2019**, 18, 1403-1436	16.4	84
153	-a new functional genus with potential probiotic properties?. *Gut Microbes*, **2021**, 13, 1-21	8.8	82
152	Effects of different oligosaccharides at various dosages on the composition of gut microbiota and short-chain fatty acids in mice with constipation. *Food and Function*, **2017**, 8, 1966-1978	6.1	81
151	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	6.3	75
150	Lactobacillus casei CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism. *Food and Function*, **2017**, 8, 3155-3164	6.1	74
149	Role of malic enzyme during fatty acid synthesis in the oleaginous fungus Mortierella alpina. *Applied and Environmental Microbiology*, **2014**, 80, 2672-8	4.8	71
148	Metagenomic insights into the effects of fructo-oligosaccharides (FOS) on the composition of fecal microbiota in mice. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 856-63	5.7	70
147	Lactulose Differently Modulates the Composition of Luminal and Mucosal Microbiota in C57BL/6J Mice. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 6240-7	5.7	70
146	Identification of a critical determinant that enables efficient fatty acid synthesis in oleaginous fungi. *Scientific Reports*, **2015**, 5, 11247	4.9	69
145	Orally Administered CLA Ameliorates DSS-Induced Colitis in Mice via Intestinal Barrier Improvement, Oxidative Stress Reduction, and Inflammatory Cytokine and Gut Microbiota Modulation. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 13282-13298	5.7	56
144	Myosin-cross-reactive antigens from four different lactic acid bacteria are fatty acid hydratases. *Biotechnology Letters*, **2013**, 35, 75-81	3	50

143	Synthesis of conjugated linoleic acid by the linoleate isomerase complex in food-derived lactobacilli. *Journal of Applied Microbiology*, **2014**, 117, 430-9	4.7	49
142	A ropy exopolysaccharide producing strain Bifidobacterium longum subsp. longum YS108R alleviates DSS-induced colitis by maintenance of the mucosal barrier and gut microbiota modulation. *Food and Function*, **2019**, 10, 1595-1608	6.1	47
141	Genetic engineering of Yarrowia lipolytica for enhanced production of trans-10, cis-12 conjugated linoleic acid. *Microbial Cell Factories*, **2013**, 12, 70	6.4	47
140	Oral administration of Lactobacillus rhamnosus CCFM0528 improves glucose tolerance and cytokine secretion in high-fat-fed, streptozotocin-induced type 2 diabetic mice. *Journal of Functional Foods*, **2014**, 10, 318-326	5.1	43
139	De novo synthesis of trans-10, cis-12 conjugated linoleic acid in oleaginous yeast Yarrowia lipolytica. *Microbial Cell Factories*, **2012**, 11, 51	6.4	43
138	Bacterial conjugated linoleic acid production and their applications. *Progress in Lipid Research*, **2017**, 68, 26-36	14.3	41
137	Selection of Taste Markers Related to Lactic Acid Bacteria Microflora Metabolism for Chinese Traditional Paocai: A Gas Chromatography-Mass Spectrometry-Based Metabolomics Approach. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 2415-22	5.7	39
136	Bifidobacterium breve CCFM683 could ameliorate DSS-induced colitis in mice primarily via conjugated linoleic acid production and gut microbiota modulation. *Journal of Functional Foods*, **2018**, 49, 61-72	5.1	39
135	and Composition at Species Level and Gut Microbiota Diversity in Infants before 6 Weeks. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	38
134	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	6.1	37
133	A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference. *Nutrients*, **2020**, 12,	6.7	37
132	Metabolic Engineering of Mortierella alpina for Enhanced Arachidonic Acid Production through the NADPH-Supplying Strategy. *Applied and Environmental Microbiology*, **2016**, 82, 3280-3288	4.8	37
131	Effects of Different Doses of Fructooligosaccharides (FOS) on the Composition of Mice Fecal Microbiota, Especially the Bifidobacterium Composition. *Nutrients*, **2018**, 10,	6.7	36
130	Application of a delta-6 desaturase with α-linolenic acid preference on eicosapentaenoic acid production in Mortierella alpina. *Microbial Cell Factories*, **2016**, 15, 117	6.4	33
129	Increased fatty acid unsaturation and production of arachidonic acid by homologous over-expression of the mitochondrial malic enzyme in Mortierella alpina. *Biotechnology Letters*, **2014**, 36, 1827-34	3	32
128	Bifidobacteria exert species-specific effects on constipation in BALB/c mice. *Food and Function*, **2017**, 8, 3587-3600	6.1	31
127	Multiple roles of lactic acid bacteria microflora in the formation of marker flavour compounds in traditional chinese paocai. *RSC Advances*, **2016**, 6, 89671-89678	3.7	30
126	Lactobacillus plantarum ZS2058 produces CLA to ameliorate DSS-induced acute colitis in mice. *RSC Advances*, **2016**, 6, 14457-14464	3.7	29

125	Bifidobacteria attenuate the development of metabolic disorders, with inter- and intra-species differences. *Food and Function*, **2018**, 9, 3509-3522	6.1	28
124	Role of the phenylalanine-hydroxylating system in aromatic substance degradation and lipid metabolism in the oleaginous fungus Mortierella alpina. *Applied and Environmental Microbiology*, **2013**, 79, 3225-33	4.8	27
123	Dietary intake of n-3 PUFAs modifies the absorption, distribution and bioavailability of fatty acids in the mouse gastrointestinal tract. *Lipids in Health and Disease*, **2017**, 16, 10	4.4	23
122	Conjugated linoleic acid production and probiotic assessment of Lactobacillus plantarum isolated from Pico cheese. *LWT - Food Science and Technology*, **2018**, 90, 403-411	5.4	23
121	Assessment of Bifidobacterium Species Using groEL Gene on the Basis of Illumina MiSeq High-Throughput Sequencing. *Genes*, **2017**, 8,	4.2	23
120	Effect of different species on volatile and nonvolatile flavor compounds in juices fermentation. *Food Science and Nutrition*, **2019**, 7, 2214-2223	3.2	21
119	Expression and purification of integral membrane fatty acid desaturases. *PLoS ONE*, **2013**, 8, e58139	3.7	20
118	Biochemical characterization of the tetrahydrobiopterin synthesis pathway in the oleaginous fungus Mortierella alpina. *Microbiology (United Kingdom)*, **2011**, 157, 3059-3070	2.9	20
117	Comparative Genomics of Isolated From Different Niches Reveals Genetic Diversity in Carbohydrate Metabolism and Immune System. *Frontiers in Microbiology*, **2020**, 11, 253	5.7	19
116	Evaluation of metabolome sample preparation and extraction methodologies for oleaginous filamentous fungi Mortierella alpina. *Metabolomics*, **2019**, 15, 50	4.7	18
115	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	6.1	18
114	Identification of the key physiological characteristics of Lactobacillus plantarum strains for ulcerative colitis alleviation. *Food and Function*, **2020**, 11, 1279-1291	6.1	18
113	Dietary supplementation of linolenic acid induced conversion of n-3 LCPUFAs and reduced prostate cancer growth in a mouse model. *Lipids in Health and Disease*, **2017**, 16, 136	4.4	18
112	Untargeted metabolomics reveals metabolic state of Bifidobacterium bifidum in the biofilm and planktonic states. *LWT - Food Science and Technology*, **2020**, 118, 108772	5.4	17
111	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	5.2	17
110	Effects of lactobacilli with different regulatory behaviours on tight junctions in mice with dextran sodium sulphate-induced colitis. *Journal of Functional Foods*, **2018**, 47, 107-115	5.1	17
109	Ameliorates DSS-Induced Colitis by Maintaining Intestinal Mechanical Barrier, Blocking Proinflammatory Cytokines, Inhibiting TLR4/NF-B Signaling, and Altering Gut Microbiota. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 1496-1512	5.7	17
108	Comparative Genomics of from the Gut and Vagina Reveals Genetic Diversity and Lifestyle Adaptation. *Genes*, **2020**, 11,	4.2	15

107	Comparative Genomics Analysis of from Different Niches. *Genes*, **2020**, 11,	4.2	15
106	Bifidobacterium longum subsp. longum YS108R fermented milk alleviates DSS induced colitis via anti-inflammation, mucosal barrier maintenance and gut microbiota modulation. *Journal of Functional Foods*, **2020**, 73, 104153	5.1	15
105	Time-resolved multi-omics analysis reveals the role of nutrient stress-induced resource reallocation for TAG accumulation in oleaginous fungus. *Biotechnology for Biofuels*, **2020**, 13, 116	7.8	14
104	Cloning, expression and functional validation of a Fructofuranosidase from Lactobacillus plantarum. *Process Biochemistry*, **2014**, 49, 758-767	4.8	14
103	Characterization of the triple-component linoleic acid isomerase in Lactobacillus plantarum ZS2058 by genetic manipulation. *Journal of Applied Microbiology*, **2017**, 123, 1263-1273	4.7	14
102	Clove extract functions as a natural fatty acid synthesis inhibitor and prevents obesity in a mouse model. *Food and Function*, **2017**, 8, 2847-2856	6.1	14
101	Role of Adenosine Monophosphate Deaminase during Fatty Acid Accumulation in Oleaginous Fungus. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 9551-9559	5.7	13
100	Mining bifidobacteria from the neonatal gastrointestinal tract for conjugated linolenic acid production. *Bioengineered*, **2017**, 8, 232-238	5.7	13
99	New insights in integrated response mechanism of Lactobacillus plantarum under excessive manganese stress. *Food Research International*, **2017**, 102, 323-332	7	12
98	Protective effects of Bifidobacterium adolescentis on collagen-induced arthritis in rats depend on timing of administration. *Food and Function*, **2020**, 11, 4499-4511	6.1	12
97	Comparative analysis of Lactobacillus gasseri from Chinese subjects reveals a new species-level taxa. *BMC Genomics*, **2020**, 21, 119	4.5	12
96	A cellular model for screening of lactobacilli that can enhance tight junctions. *RSC Advances*, **2016**, 6, 111812-111821	3.7	12
95	Gene-Based Phylogenetic Analysis of Species by High-Throughput Sequencing. *Genes*, **2019**, 10,	4.2	12
94	Production of exopolysaccharide by Bifidobacterium longum isolated from elderly and infant feces and analysis of priming glycosyltransferase genes. *RSC Advances*, **2017**, 7, 31736-31744	3.7	11
93	Distinct Gut Microbiota Induced by Different Fat-to-Sugar-Ratio High-Energy Diets Share Similar Pro-obesity Genetic and Metabolite Profiles in Prediabetic Mice. *MSystems*, **2019**, 4,	7.6	11
92	Divergent role of abiotic factors in shaping microbial community assembly of paocai brine during aging process. *Food Research International*, **2020**, 137, 109559	7	11
91	Ultra Performance Liquid Chromatography-Q Exactive Orbitrap/Mass Spectrometry-Based Lipidomics Reveals the Influence of Nitrogen Sources on Lipid Biosynthesis of. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 10984-10993	5.7	10
90	Production of conjugated linoleic acid by heterologous expression of linoleic acid isomerase in oleaginous fungus Mortierella alpina. *Biotechnology Letters*, **2015**, 37, 1983-92	3	10

89	Lactobacillus plantarum relieves diarrhea caused by enterotoxin-producing Escherichia coli through inflammation modulation and gut microbiota regulation. *Food and Function*, **2020**, 11, 10362-10374	6.1	10
88	Comparative Genomic Analysis of Isolated from Different Niches. *Genes*, **2021**, 12,	4.2	10
87	Optimization of the quenching and extraction procedures for a metabolomic analysis of Lactobacillus plantarum. *Analytical Biochemistry*, **2018**, 557, 62-68	3.1	10
86	Role of 10-hydroxy-cis-12-octadecenic acid in transforming linoleic acid into conjugated linoleic acid by bifidobacteria. *Applied Microbiology and Biotechnology*, **2019**, 103, 7151-7160	5.7	9
85	c9, t11, c15-CLNA and t9, t11, c15-CLNA from ZS2058 Ameliorate Dextran Sodium Sulfate-Induced Colitis in Mice. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 3758-3769	5.7	9
84	Diversity of Gut Microbiota and Bifidobacterial Community of Chinese Subjects of Different Ages and from Different Regions. *Microorganisms*, **2020**, 8,	4.9	9
83	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,	6.3	9
82	Complete genome sequence of Lactobacillus plantarum ZS2058, a probiotic strain with high conjugated linoleic acid production ability. *Journal of Biotechnology*, **2015**, 214, 212-3	3.7	8
81	Protective effect of Streptococcus thermophilus CCFM218 against house dust mite allergy in a mouse model. *Food Control*, **2015**, 50, 283-290	6.2	8
80	Characterization of an fungal l-fucokinase involved in Mortierella alpina GDP-l-fucose salvage pathway. *Glycobiology*, **2016**, 26, 880-887	5.8	8
79	Community-wide changes reflecting bacterial interspecific interactions in multispecies biofilms. *Critical Reviews in Microbiology*, **2021**, 47, 338-358	7.8	8
78	Lipid metabolism research in oleaginous fungus Mortierella alpina: Current progress and future prospects. *Biotechnology Advances*, **2021**, 107794	17.8	8
77	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,	2.9	8
76	Strain-specific ameliorating effect of Bifidobacterium longum on atopic dermatitis in mice. *Journal of Functional Foods*, **2019**, 60, 103426	5.1	7
75	Dose-response efficacy and mechanisms of orally administered CLA-producing Bifidobacterium breve CCFM683 on DSS-induced colitis in mice. *Journal of Functional Foods*, **2020**, 75, 104245	5.1	7
74	A comparison of the inhibitory activities of Lactobacillus and Bifidobacterium against Penicillium expansum and an analysis of potential antifungal metabolites. *FEMS Microbiology Letters*, **2020**, 367,	2.9	7
73	The Protective Effect of Extracts Against Obesity and Inflammation by Regulating Free Fatty Acids Metabolism in Nonalcoholic Fatty Liver Disease. *Nutrients*, **2020**, 12,	6.7	7
72	An efficient strategy for screening polyunsaturated fatty acid-producing oleaginous filamentous fungi from soil. *Journal of Microbiological Methods*, **2019**, 158, 80-85	2.8	6

71	The prophylactic effects of different Lactobacilli on collagen-induced arthritis in rats. *Food and Function*, **2020**, 11, 3681-3694	6.1	6
70	Antiproliferation Activity and Mechanism of c9, t11, c15-CLNA and t9, t11, c15-CLNA from ZS2058 on Colon Cancer Cells. *Molecules*, **2020**, 25,	4.8	6
69	Role of dihydrofolate reductase in tetrahydrobiopterin biosynthesis and lipid metabolism in the oleaginous fungus Mortierella alpina. *Microbiology (United Kingdom)*, **2016**, 162, 1544-1553	2.9	6
68	Alleviates DSS-Induced Colitis by Inflammatory Cytokines and Gut Microbiota Modulation. *Foods*, **2021**, 10,	4.9	6
67	Substrate specificity of Mortierella alpina Δ9-III fatty acid desaturase and its value for the production of omega-9 MUFA. *European Journal of Lipid Science and Technology*, **2016**, 118, 753-760	3	6
66	Preventive effects of Lactobacillus plantarum ST-III against Salmonella infection. *LWT - Food Science and Technology*, **2019**, 105, 200-205	5.4	6
65	Crosstalk between sIgA-Coated Bacteria in Infant Gut and Early-Life Health. *Trends in Microbiology*, **2021**, 29, 725-735	12.4	6
64	Tetrahydrobiopterin Plays a Functionally Significant Role in Lipogenesis in the Oleaginous Fungus. *Frontiers in Microbiology*, **2020**, 11, 250	5.7	5
63	Comparative Genomics Analysis of from Different Niches. *Genes*, **2020**, 11,	4.2	5
62	Mortierella alpina feed supplementation enriched hen eggs with DHA and AA. *RSC Advances*, **2016**, 6, 1694-1699	3.7	5
61	Genetic determinates for conjugated linolenic acid production in Lactobacillus plantarum ZS2058. *Journal of Applied Microbiology*, **2020**, 128, 191-201	4.7	5
60	Characteristics of bifidobacterial conjugated fatty acid and hydroxy fatty acid production and its potential application in fermented milk. *LWT - Food Science and Technology*, **2020**, 120, 108940	5.4	5
59	Synergistic interactions prevail in multispecies biofilms formed by the human gut microbiota on mucin. *FEMS Microbiology Ecology*, **2021**, 97,	4.3	5
58	Protective effect of Bifidobacterium bifidum FSDJN7O5 and Bifidobacterium breve FHNFQ23M3 on diarrhea caused by enterotoxigenic Escherichia coli. *Food and Function*, **2021**, 12, 7271-7282	6.1	5
57	FJSYC4-1 and FGSZY33L6 alleviate metabolic syndrome gut microbiota regulation. *Food and Function*, **2021**, 12, 3919-3930	6.1	5
56	The Diversity of the CRISPR-Cas System and Prophages Present in the Genome Reveals the Co-evolution of and Phages. *Frontiers in Microbiology*, **2020**, 11, 1088	5.7	4
55	Production of trans-10,cis-12-conjugated linoleic acid using permeabilized whole-cell biocatalyst of Yarrowia lipolytica. *Biotechnology Letters*, **2016**, 38, 1917-1922	3	4
54	Carbohydrate analysis of Mortierella alpina by colorimetry and HPLC-ELSD to reveal accumulation differences of sugar and lipid. *Biotechnology Letters*, **2021**, 43, 1289-1301	3	4

53	The Potential Role of Probiotics in Protection against Influenza a Virus Infection in Mice. *Foods*, **2021**, 10,	4.9	4
52	CCFM1074 Alleviates Collagen-Induced Arthritis in Rats Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota. *Frontiers in Immunology*, **2021**, 12, 680073	8.4	4
51	Ropy exopolysaccharide-producing Bifidobacterium longum YS108R as a starter culture for fermented milk. *International Journal of Food Science and Technology*, **2019**, 54, 240-248	3.8	4
50	Physiological Characteristics of Strains and Their Alleviation Effects against Inflammatory Bowel Disease. *Journal of Microbiology and Biotechnology*, **2021**, 31, 92-103	3.3	4
49	Comparative genomic analyses of Lactobacillus rhamnosus isolated from Chinese subjects. *Food Bioscience*, **2020**, 36, 100659	4.9	3
48	The role of acyl-CoA thioesterase ACOT8I in mediating intracellular lipid metabolism in oleaginous fungus Mortierella alpina. *Journal of Industrial Microbiology and Biotechnology*, **2018**, 45, 281-291	4.2	3
47	Multi-Omics Reveals the Inhibition of CCFM8724 in - Mixed-Species Biofilms. *Microorganisms*, **2021**, 9,	4.9	3
46	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-B Signaling Pathway. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 14593-14608	5.7	3
45	Role of the mitochondrial citrate-oxoglutarate carrier in lipid accumulation in the oleaginous fungus Mortierella alpina. *Biotechnology Letters*, **2021**, 43, 1455-1466	3	3
44	Comprehensive Scanning of Prophages in : Distribution, Diversity, Antibiotic Resistance Genes, and Linkages with CRISPR-Cas Systems. *MSystems*, **2021**, 6, e0121120	7.6	3
43	Gas chromatography-mass spectrometry-based metabolomics analysis of metabolites in commercial and inoculated pickles. *Journal of the Science of Food and Agriculture*, **2021**, 101, 1436-1446	4.3	3
42	Lactic Acid Bacteria in Foodborne Hazards Reduction **2018**,		3
41	Evidence from comparative genomic analyses indicating that -mediated irritable bowel syndrome alleviation is mediated by conjugated linoleic acid synthesis. *Food and Function*, **2021**, 12, 1121-1134	6.1	3
40	CCFM1143 Alleviates Chronic Diarrhea Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study. *Frontiers in Immunology*, **2021**, 12, 746585	8.4	2
39	Comparative genomics and gene-trait matching analysis of Bifidobacterium breve from Chinese children. *Food Bioscience*, **2020**, 36, 100631	4.9	2
38	The role of MTHFDL in mediating intracellular lipogenesis in oleaginous. *Microbiology (United Kingdom)*, **2020**, 166, 617-623	2.9	2
37	Short communication: Lactose utilization of Streptococcus thermophilus and correlations with -galactosidase and urease. *Journal of Dairy Science*, **2020**, 103, 166-171	4	2
36	Selective Isolation of From Human Faeces Using Pangenomics, Metagenomics, and Enzymology. *Frontiers in Microbiology*, **2021**, 12, 649698	5.7	2

35	Linoleic acid induces different metabolic modes in two Bifidobacterium breve strains with different conjugated linoleic acid-producing abilities. *LWT - Food Science and Technology*, **2021**, 142, 110974	5.4	2
34	Development of gut microbiota and bifidobacterial communities of neonates in the first 6 weeks and their inheritance from mother. *Gut Microbes*, **2021**, 13, 1-13	8.8	2
33	Identification of the key characteristics of strains for the alleviation of ulcerative colitis. *Food and Function*, **2021**, 12, 3476-3492	6.1	2
32	Effects of the short-term administration of on physiological characteristics, inflammation, and intestinal microecology in mice. *Food and Function*, **2021**, 12, 1695-1707	6.1	2
31	Application of high EPA-producing in laying hen feed for egg DHA accumulation.. *RSC Advances*, **2018**, 8, 39005-39012	3.7	2
30	Gut Microbiota, Probiotics, and Their Interactions in Prevention and Treatment of Atopic Dermatitis: A Review. *Frontiers in Immunology*, **2021**, 12, 720393	8.4	2
29	Advances in improving the biotechnological application of oleaginous fungus Mortierella alpina. *Applied Microbiology and Biotechnology*, **2021**, 105, 6275-6289	5.7	2
28	Comparative Genomics and Specific Functional Characteristics Analysis of. *Microorganisms*, **2021**, 9,	4.9	2
27	The Species-Level Composition of the Fecal and Genera in Indonesian Children Differs from That of Their Mothers. *Microorganisms*, **2021**, 9,	4.9	2
26	Suitability of various DNA extraction methods for a traditional Chinese paocai system. *Bioengineered*, **2017**, 8, 642-650	5.7	1
25	Short communication: Enzymatic perspective of galactosidases reveals variations in lactose metabolism among Lactococcus lactis strains. *Journal of Dairy Science*, **2019**, 102, 6027-6031	4	1
24	Transcriptional Changes in Bifidobacterium bifidum Involved in Synergistic Multispecies Biofilms. *Microbial Ecology*, **2021**, 1	4.4	1
23	Targeting the Gut Microbiota for Remediating Obesity and Related Metabolic Disorders. *Journal of Nutrition*, **2021**, 151, 1703-1716	4.1	1
22	Integrated Phenotypic-Genotypic Analysis of from Different Niches. *Foods*, **2021**, 10,	4.9	1
21	Biochemical characterization of an isoform of GDP-D-mannose-4,6-dehydratase from Mortierella alpina. *Biotechnology Letters*, **2016**, 38, 1761-8	3	1
20	An optimized culture medium to isolate strains from the human intestinal tract. *Food and Function*, **2021**, 12, 6740-6754	6.1	1
19	Protein diets with the role of immune and gut microbial regulation alleviate DSS-induced chronic ulcerative colitis. *Food Science and Nutrition*, **2021**, 9, 1259-1270	3.2	1
18	Short communication: Genotype-phenotype association analysis revealed different utilization ability of 2Sfucosyllactose in Bifidobacterium genus. *Journal of Dairy Science*, **2021**, 104, 1518-1523	4	1

17	Genomic Analysis of Lactic Acid Bacteria and Their Applications **2018**, 21-49		1
16	The role of phenylalanine hydroxylase in lipogenesis in the oleaginous fungus. *Microbiology (United Kingdom)*, **2021**, 167,	2.9	1
15	CRAMP-encoding Lactobacillus plantarum FCQHC24 attenuates experimental colitis in mice. *Food Bioscience*, **2021**, 42, 101111	4.9	1
14	FYNLJ109L1 Attenuating Metabolic Syndrome in Mice via Gut Microbiota Modulation and Alleviating Inflammation. *Foods*, **2021**, 10,	4.9	1
13	Linoleic Acid Triggered a Metabolomic Stress Condition in Three Species of Bifidobacteria Characterized by Different Conjugated Linoleic Acid-Producing Abilities. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 11311-11321	5.7	1
12	Human gut-derived B. longum subsp. longum strains protect against aging in a D-galactose-induced aging mouse model. *Microbiome*, **2021**, 9, 180	16.6	1
11	Research progress on conjugated linoleic acid bio-conversion in Bifidobacterium.. *International Journal of Food Microbiology*, **2022**, 369, 109593	5.8	1
10	Microbial enrichment of blackcurrant press residue with conjugated linoleic and linolenic acids. *Journal of Applied Microbiology*, **2021**, 130, 1602-1610	4.7	0
9	Measuring Conjugated Linoleic Acid (CLA) Production by Bifidobacteria. *Methods in Molecular Biology*, **2021**, 2278, 87-100	1.4	0
8	Propionate restores disturbed gut microbiota induced by methotrexate in Rheumatoid Arthritis: From clinic to experiments. *Journal of King Saud University - Science*, **2021**, 33, 101545	3.6	0
7	The Comparative Analysis of Genomic Diversity and Genes Involved in Carbohydrate Metabolism of Eighty-Eight Bifidobacterium pseudocatenulatum Isolates from Different Niches of China. *Nutrients* , **2022**, 14, 2347	6.7	0
6	Capsular polysaccarides of probiotics and their immunomodulatory roles. *Food Science and Human Wellness*, **2022**, 11, 1111-1120	8.3	0
5	Letter to editor. *Gut Microbes*, **2020**, 11, 633-634	8.8	
4	Lactic Acid Bacteria and Conjugated Fatty Acids **2019**, 21-41		
3	Production of GDP-L-fucose from exogenous fucose through the salvage pathway in Mortierella alpina. *RSC Advances*, **2016**, 6, 46308-46316	3.7	
2	Linoleate Isomerase Complex Contributes to Metabolism and Remission of DSS-Induced Colitis in Mice of ZS2058. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 8160-8171	5.7	
1	Underlying mechanisms of the antagonistic effects of Bifidobacterium adolescentis CCFM1108 on Penicillium expansum: Based on comparative transcriptome analysis. *Food Bioscience*, **2022**, 101693	4.9	