

# Bo Yang

## 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.

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

#	Paper	IF	Citations
160	Underlying mechanisms of the antagonistic effects of Bifidobacterium adolescentis CCFM1108 on Penicillium expansum: Based on comparative transcriptome analysis. <i>Food Bioscience</i> , <b>2022</b> , 101693	4.9	
159	Research progress on conjugated linoleic acid bio-conversion in Bifidobacterium.. <i>International Journal of Food Microbiology</i> , <b>2022</b> , 369, 109593	5.8	1
158	The Comparative Analysis of Genomic Diversity and Genes Involved in Carbohydrate Metabolism of Eighty-Eight Bifidobacterium pseudocatenulatum Isolates from Different Niches of China. <i>Nutrients</i> , <b>2022</b> , 14, 2347	6.7	0
157	Capsular polysaccharides of probiotics and their immunomodulatory roles. <i>Food Science and Human Wellness</i> , <b>2022</b> , 11, 1111-1120	8.3	0
156	Multi-Omics Reveals the Inhibition of CCFM8724 in - Mixed-Species Biofilms. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	3
155	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- $\kappa$ B Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 14593-14608	5.7	3
154	Transcriptional Changes in Bifidobacterium bifidum Involved in Synergistic Multispecies Biofilms. <i>Microbial Ecology</i> , <b>2021</b> , 1	4.4	1
153	CCFM1143 Alleviates Chronic Diarrhea Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 746585	8.4	2
152	Community-wide changes reflecting bacterial interspecific interactions in multispecies biofilms. <i>Critical Reviews in Microbiology</i> , <b>2021</b> , 47, 338-358	7.8	8
151	Role of the mitochondrial citrate-oxoglutarate carrier in lipid accumulation in the oleaginous fungus Mortierella alpina. <i>Biotechnology Letters</i> , <b>2021</b> , 43, 1455-1466	3	3
150	Carbohydrate analysis of Mortierella alpina by colorimetry and HPLC-ELSD to reveal accumulation differences of sugar and lipid. <i>Biotechnology Letters</i> , <b>2021</b> , 43, 1289-1301	3	4
149	Selective Isolation of From Human Faeces Using Pangenomics, Metagenomics, and Enzymology. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 649698	5.7	2
148	The Potential Role of Probiotics in Protection against Influenza a Virus Infection in Mice. <i>Foods</i> , <b>2021</b> , 10,	4.9	4
147	Targeting the Gut Microbiota for Remediating Obesity and Related Metabolic Disorders. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 1703-1716	4.1	1
146	CCFM1074 Alleviates Collagen-Induced Arthritis in Rats Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 680073	8.4	4
145	Linoleic acid induces different metabolic modes in two Bifidobacterium breve strains with different conjugated linoleic acid-producing abilities. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 142, 110974	5.4	2
144	Comprehensive Scanning of Prophages in : Distribution, Diversity, Antibiotic Resistance Genes, and Linkages with CRISPR-Cas Systems. <i>MSystems</i> , <b>2021</b> , 6, e0121120	7.6	3

143	Synergistic interactions prevail in multispecies biofilms formed by the human gut microbiota on mucin. <i>FEMS Microbiology Ecology</i> , <b>2021</b> , 97,	4.3	5
142	Alleviates DSS-Induced Colitis by Inflammatory Cytokines and Gut Microbiota Modulation. <i>Foods</i> , <b>2021</b> , 10,	4.9	6
141	Integrated Phenotypic-Genotypic Analysis of $\square$ from Different Niches. <i>Foods</i> , <b>2021</b> , 10,	4.9	1
140	Lipid metabolism research in oleaginous fungus <i>Mortierella alpina</i> : Current progress and future prospects. <i>Biotechnology Advances</i> , <b>2021</b> , 107794	17.8	8
139	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> , <b>2021</b> , 60, 369-387	5.2	17
138	Microbial enrichment of blackcurrant press residue with conjugated linoleic and linolenic acids. <i>Journal of Applied Microbiology</i> , <b>2021</b> , 130, 1602-1610	4.7	0
137	Gas chromatography-mass spectrometry-based metabolomics analysis of metabolites in commercial and inoculated pickles. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 1436-1446	4.3	3
136	Measuring Conjugated Linoleic Acid (CLA) Production by <i>Bifidobacteria</i> . <i>Methods in Molecular Biology</i> , <b>2021</b> , 2278, 87-100	1.4	0
135	An optimized culture medium to isolate strains from the human intestinal tract. <i>Food and Function</i> , <b>2021</b> , 12, 6740-6754	6.1	1
134	Development of gut microbiota and bifidobacterial communities of neonates in the first 6 weeks and their inheritance from mother. <i>Gut Microbes</i> , <b>2021</b> , 13, 1-13	8.8	2
133	Protein diets with the role of immune and gut microbial regulation alleviate DSS-induced chronic ulcerative colitis. <i>Food Science and Nutrition</i> , <b>2021</b> , 9, 1259-1270	3.2	1
132	-a new functional genus with potential probiotic properties?. <i>Gut Microbes</i> , <b>2021</b> , 13, 1-21	8.8	82
131	Protective effect of <i>Bifidobacterium bifidum</i> FSDJN7O5 and <i>Bifidobacterium breve</i> FHNQ23M3 on diarrhea caused by enterotoxigenic <i>Escherichia coli</i> . <i>Food and Function</i> , <b>2021</b> , 12, 7271-7282	6.1	5
130	Identification of the key characteristics of strains for the alleviation of ulcerative colitis. <i>Food and Function</i> , <b>2021</b> , 12, 3476-3492	6.1	2
129	Effects of the short-term administration of on physiological characteristics, inflammation, and intestinal microecology in mice. <i>Food and Function</i> , <b>2021</b> , 12, 1695-1707	6.1	2
128	Short communication: Genotype-phenotype association analysis revealed different utilization ability of 2Sfucosyllactose in <i>Bifidobacterium</i> genus. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 1518-1523	4	1
127	Comparative Genomic Analysis of Isolated from Different Niches. <i>Genes</i> , <b>2021</b> , 12,	4.2	10
126	Gut Microbiota, Probiotics, and Their Interactions in Prevention and Treatment of Atopic Dermatitis: A Review. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 720393	8.4	2

125	Linoleate Isomerase Complex Contributes to Metabolism and Remission of DSS-Induced Colitis in Mice of ZS2058. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 8160-8171	5.7	
124	Advances in improving the biotechnological application of oleaginous fungus <i>Mortierella alpina</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 6275-6289	5.7	2
123	Crosstalk between sIgA-Coated Bacteria in Infant Gut and Early-Life Health. <i>Trends in Microbiology</i> , <b>2021</b> , 29, 725-735	12.4	6
122	The role of phenylalanine hydroxylase in lipogenesis in the oleaginous fungus. <i>Microbiology (United Kingdom)</i> , <b>2021</b> , 167,	2.9	1
121	CRAMP-encoding <i>Lactobacillus plantarum</i> FCQHC24 attenuates experimental colitis in mice. <i>Food Bioscience</i> , <b>2021</b> , 42, 101111	4.9	1
120	Comparative Genomics and Specific Functional Characteristics Analysis of. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
119	FYNLJ109L1 Attenuating Metabolic Syndrome in Mice via Gut Microbiota Modulation and Alleviating Inflammation. <i>Foods</i> , <b>2021</b> , 10,	4.9	1
118	Propionate restores disturbed gut microbiota induced by methotrexate in Rheumatoid Arthritis: From clinic to experiments. <i>Journal of King Saud University - Science</i> , <b>2021</b> , 33, 101545	3.6	0
117	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> , <b>2021</b> , 69, 11311-11321	5.7	1
116	The Species-Level Composition of the Fecal and Genera in Indonesian Children Differs from That of Their Mothers. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
115	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> , <b>2021</b> , 9, 180	16.6	1
114	Physiological Characteristics of Strains and Their Alleviation Effects against Inflammatory Bowel Disease. <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 92-103	3.3	4
113	Ameliorates DSS-Induced Colitis by Maintaining Intestinal Mechanical Barrier, Blocking Proinflammatory Cytokines, Inhibiting TLR4/NF- $\kappa$ B Signaling, and Altering Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 1496-1512	5.7	17
112	FJSYC4-1 and FGSZY33L6 alleviate metabolic syndrome gut microbiota regulation. <i>Food and Function</i> , <b>2021</b> , 12, 3919-3930	6.1	5
111	Evidence from comparative genomic analyses indicating that -mediated irritable bowel syndrome alleviation is mediated by conjugated linoleic acid synthesis. <i>Food and Function</i> , <b>2021</b> , 12, 1121-1134	6.1	3
110	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> , <b>2020</b> , 11, 1088	5.7	4
109	Protective effects of <i>Bifidobacterium adolescentis</i> on collagen-induced arthritis in rats depend on timing of administration. <i>Food and Function</i> , <b>2020</b> , 11, 4499-4511	6.1	12
108	<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> , <b>2020</b> , 11, 6115-6127	6.1	18

107	Comparative Genomics of Isolated From Different Niches Reveals Genetic Diversity in Carbohydrate Metabolism and Immune System. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 253	5.7	19
106	The prophylactic effects of different Lactobacilli on collagen-induced arthritis in rats. <i>Food and Function</i> , <b>2020</b> , 11, 3681-3694	6.1	6
105	Antiproliferation Activity and Mechanism of c9, t11, c15-CLNA and t9, t11, c15-CLNA from ZS2058 on Colon Cancer Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
104	Tetrahydrobiopterin Plays a Functionally Significant Role in Lipogenesis in the Oleaginous Fungus. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 250	5.7	5
103	c9, t11, c15-CLNA and t9, t11, c15-CLNA from ZS2058 Ameliorate Dextran Sodium Sulfate-Induced Colitis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 3758-3769	5.7	9
102	Time-resolved multi-omics analysis reveals the role of nutrient stress-induced resource reallocation for TAG accumulation in oleaginous fungus. <i>Biotechnology for Biofuels</i> , <b>2020</b> , 13, 116	7.8	14
101	Comparative genomic analyses of Lactobacillus rhamnosus isolated from Chinese subjects. <i>Food Bioscience</i> , <b>2020</b> , 36, 100659	4.9	3
100	Letter to editor. <i>Gut Microbes</i> , <b>2020</b> , 11, 633-634	8.8	
99	Identification of the key physiological characteristics of Lactobacillus plantarum strains for ulcerative colitis alleviation. <i>Food and Function</i> , <b>2020</b> , 11, 1279-1291	6.1	18
98	Comparative Genomics Analysis of from Different Niches. <i>Genes</i> , <b>2020</b> , 11,	4.2	5
97	Comparative analysis of Lactobacillus gasseri from Chinese subjects reveals a new species-level taxa. <i>BMC Genomics</i> , <b>2020</b> , 21, 119	4.5	12
96	Comparative Genomics of from the Gut and Vagina Reveals Genetic Diversity and Lifestyle Adaptation. <i>Genes</i> , <b>2020</b> , 11,	4.2	15
95	Comparative genomics and gene-trait matching analysis of Bifidobacterium breve from Chinese children. <i>Food Bioscience</i> , <b>2020</b> , 36, 100631	4.9	2
94	The role of MTHFDL in mediating intracellular lipogenesis in oleaginous. <i>Microbiology (United Kingdom)</i> , <b>2020</b> , 166, 617-623	2.9	2
93	Genetic determinates for conjugated linolenic acid production in Lactobacillus plantarum ZS2058. <i>Journal of Applied Microbiology</i> , <b>2020</b> , 128, 191-201	4.7	5
92	Untargeted metabolomics reveals metabolic state of Bifidobacterium bifidum in the biofilm and planktonic states. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 118, 108772	5.4	17
91	Comparative Genomics Analysis of from Different Niches. <i>Genes</i> , <b>2020</b> , 11,	4.2	15
90	Characteristics of bifidobacterial conjugated fatty acid and hydroxy fatty acid production and its potential application in fermented milk. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 120, 108940	5.4	5

89	Short communication: Lactose utilization of <i>Streptococcus thermophilus</i> and correlations with $\beta$ -galactosidase and urease. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 166-171	4	2
88	<i>Bifidobacterium longum</i> subsp. <i>longum</i> YS108R fermented milk alleviates DSS induced colitis via anti-inflammation, mucosal barrier maintenance and gut microbiota modulation. <i>Journal of Functional Foods</i> , <b>2020</b> , 73, 104153	5.1	15
87	Dose-response efficacy and mechanisms of orally administered CLA-producing <i>Bifidobacterium breve</i> CCFM683 on DSS-induced colitis in mice. <i>Journal of Functional Foods</i> , <b>2020</b> , 75, 104245	5.1	7
86	<i>Lactobacillus plantarum</i> relieves diarrhea caused by enterotoxin-producing <i>Escherichia coli</i> through inflammation modulation and gut microbiota regulation. <i>Food and Function</i> , <b>2020</b> , 11, 10362-10374	6.1	10
85	Diversity of Gut Microbiota and <i>Bifidobacterial</i> Community of Chinese Subjects of Different Ages and from Different Regions. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	9
84	Divergent role of abiotic factors in shaping microbial community assembly of paocai brine during aging process. <i>Food Research International</i> , <b>2020</b> , 137, 109559	7	11
83	A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	37
82	A comparison of the inhibitory activities of <i>Lactobacillus</i> and <i>Bifidobacterium</i> against <i>Penicillium expansum</i> and an analysis of potential antifungal metabolites. <i>FEMS Microbiology Letters</i> , <b>2020</b> , 367,	2.9	7
81	The Protective Effect of Extracts Against Obesity and Inflammation by Regulating Free Fatty Acids Metabolism in Nonalcoholic Fatty Liver Disease. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	7
80	Ultra Performance Liquid Chromatography-Q Exactive Orbitrap/Mass Spectrometry-Based Lipidomics Reveals the Influence of Nitrogen Sources on Lipid Biosynthesis of. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 10984-10993	5.7	10
79	<i>Bifidobacterium</i> with the role of 5-hydroxytryptophan synthesis regulation alleviates the symptom of depression and related microbiota dysbiosis. <i>Journal of Nutritional Biochemistry</i> , <b>2019</b> , 66, 43-51	6.3	75
78	Role of 10-hydroxy-cis-12-octadecenic acid in transforming linoleic acid into conjugated linoleic acid by <i>bifidobacteria</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 7151-7160	5.7	9
77	Evaluation of metabolome sample preparation and extraction methodologies for oleaginous filamentous fungi <i>Mortierella alpina</i> . <i>Metabolomics</i> , <b>2019</b> , 15, 50	4.7	18
76	An efficient strategy for screening polyunsaturated fatty acid-producing oleaginous filamentous fungi from soil. <i>Journal of Microbiological Methods</i> , <b>2019</b> , 158, 80-85	2.8	6
75	A rosy exopolysaccharide producing strain <i>Bifidobacterium longum</i> subsp. <i>longum</i> YS108R alleviates DSS-induced colitis by maintenance of the mucosal barrier and gut microbiota modulation. <i>Food and Function</i> , <b>2019</b> , 10, 1595-1608	6.1	47
74	Lactic Acid Bacteria as Antifungal and Anti-Mycotoxigenic Agents: A Comprehensive Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2019</b> , 18, 1403-1436	16.4	84
73	Effect of different species on volatile and nonvolatile flavor compounds in juices fermentation. <i>Food Science and Nutrition</i> , <b>2019</b> , 7, 2214-2223	3.2	21
72	Role of Adenosine Monophosphate Deaminase during Fatty Acid Accumulation in Oleaginous Fungus. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 9551-9559	5.7	13



71	and Composition at Species Level and Gut Microbiota Diversity in Infants before 6 Weeks. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	38
70	Short communication: Enzymatic perspective of galactosidases reveals variations in lactose metabolism among <i>Lactococcus lactis</i> strains. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 6027-6031	4	1
69	Strain-specific ameliorating effect of <i>Bifidobacterium longum</i> on atopic dermatitis in mice. <i>Journal of Functional Foods</i> , <b>2019</b> , 60, 103426	5.1	7
68	Gene-Based Phylogenetic Analysis of Species by High-Throughput Sequencing. <i>Genes</i> , <b>2019</b> , 10,	4.2	12
67	Distinct Gut Microbiota Induced by Different Fat-to-Sugar-Ratio High-Energy Diets Share Similar Pro-obesity Genetic and Metabolite Profiles in Prediabetic Mice. <i>MSystems</i> , <b>2019</b> , 4,	7.6	11
66	Orally Administered CLA Ameliorates DSS-Induced Colitis in Mice via Intestinal Barrier Improvement, Oxidative Stress Reduction, and Inflammatory Cytokine and Gut Microbiota Modulation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 13282-13298	5.7	56
65	Lactic Acid Bacteria and Conjugated Fatty Acids <b>2019</b> , 21-41		
64	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> , <b>2019</b> , 20,	6.3	9
63	Preventive effects of <i>Lactobacillus plantarum</i> ST-III against <i>Salmonella</i> infection. <i>LWT - Food Science and Technology</i> , <b>2019</b> , 105, 200-205	5.4	6
62	<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> , <b>2019</b> , 366,	2.9	8
61	Ropy exopolysaccharide-producing <i>Bifidobacterium longum</i> YS108R as a starter culture for fermented milk. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 240-248	3.8	4
60	The role of acyl-CoA thioesterase ACOT8I in mediating intracellular lipid metabolism in oleaginous fungus <i>Mortierella alpina</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2018</b> , 45, 281-291	4.2	3
59	Conjugated linoleic acid production and probiotic assessment of <i>Lactobacillus plantarum</i> isolated from Pico cheese. <i>LWT - Food Science and Technology</i> , <b>2018</b> , 90, 403-411	5.4	23
58	<i>Bifidobacterium breve</i> CCFM683 could ameliorate DSS-induced colitis in mice primarily via conjugated linoleic acid production and gut microbiota modulation. <i>Journal of Functional Foods</i> , <b>2018</b> , 49, 61-72	5.1	39
57	Effects of Different Doses of Fructooligosaccharides (FOS) on the Composition of Mice Fecal Microbiota, Especially the <i>Bifidobacterium</i> Composition. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	36
56	<i>Bifidobacteria</i> attenuate the development of metabolic disorders, with inter- and intra-species differences. <i>Food and Function</i> , <b>2018</b> , 9, 3509-3522	6.1	28
55	Optimization of the quenching and extraction procedures for a metabolomic analysis of <i>Lactobacillus plantarum</i> . <i>Analytical Biochemistry</i> , <b>2018</b> , 557, 62-68	3.1	10
54	Application of high EPA-producing in laying hen feed for egg DHA accumulation.. <i>RSC Advances</i> , <b>2018</b> , 8, 39005-39012	3.7	2

53	Genomic Analysis of Lactic Acid Bacteria and Their Applications <b>2018</b> , 21-49		1
52	Lactic Acid Bacteria in Foodborne Hazards Reduction <b>2018</b> ,		3
51	Effects of lactobacilli with different regulatory behaviours on tight junctions in mice with dextran sodium sulphate-induced colitis. <i>Journal of Functional Foods</i> , <b>2018</b> , 47, 107-115	5.1	17
50	Dietary intake of n-3 PUFAs modifies the absorption, distribution and bioavailability of fatty acids in the mouse gastrointestinal tract. <i>Lipids in Health and Disease</i> , <b>2017</b> , 16, 10	4.4	23
49	Effects of different oligosaccharides at various dosages on the composition of gut microbiota and short-chain fatty acids in mice with constipation. <i>Food and Function</i> , <b>2017</b> , 8, 1966-1978	6.1	81
48	Suitability of various DNA extraction methods for a traditional Chinese paocai system. <i>Bioengineered</i> , <b>2017</b> , 8, 642-650	5.7	1
47	Production of exopolysaccharide by <i>Bifidobacterium longum</i> isolated from elderly and infant feces and analysis of priming glycosyltransferase genes. <i>RSC Advances</i> , <b>2017</b> , 7, 31736-31744	3.7	11
46	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. <i>Scientific Reports</i> , <b>2017</b> , 8, 45840	4.9	92
45	New insights in integrated response mechanism of <i>Lactobacillus plantarum</i> under excessive manganese stress. <i>Food Research International</i> , <b>2017</b> , 102, 323-332	7	12
44	Dietary supplementation of linolenic acid induced conversion of n-3 LCPUFAs and reduced prostate cancer growth in a mouse model. <i>Lipids in Health and Disease</i> , <b>2017</b> , 16, 136	4.4	18
43	<i>Bifidobacteria</i> exert species-specific effects on constipation in BALB/c mice. <i>Food and Function</i> , <b>2017</b> , 8, 3587-3600	6.1	31
42	Bacterial conjugated linoleic acid production and their applications. <i>Progress in Lipid Research</i> , <b>2017</b> , 68, 26-36	14.3	41
41	<i>Lactobacillus casei</i> CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism. <i>Food and Function</i> , <b>2017</b> , 8, 3155-3164	6.1	74
40	Characterization of the triple-component linoleic acid isomerase in <i>Lactobacillus plantarum</i> ZS2058 by genetic manipulation. <i>Journal of Applied Microbiology</i> , <b>2017</b> , 123, 1263-1273	4.7	14
39	Clove extract functions as a natural fatty acid synthesis inhibitor and prevents obesity in a mouse model. <i>Food and Function</i> , <b>2017</b> , 8, 2847-2856	6.1	14
38	Mining bifidobacteria from the neonatal gastrointestinal tract for conjugated linolenic acid production. <i>Bioengineered</i> , <b>2017</b> , 8, 232-238	5.7	13
37	Assessment of <i>Bifidobacterium</i> Species Using groEL Gene on the Basis of Illumina MiSeq High-Throughput Sequencing. <i>Genes</i> , <b>2017</b> , 8,	4.2	23
36	Production of trans-10,cis-12-conjugated linoleic acid using permeabilized whole-cell biocatalyst of <i>Yarrowia lipolytica</i> . <i>Biotechnology Letters</i> , <b>2016</b> , 38, 1917-1922	3	4



35	Application of a delta-6 desaturase with linolenic acid preference on eicosapentaenoic acid production in <i>Mortierella alpina</i> . <i>Microbial Cell Factories</i> , <b>2016</b> , 15, 117	6.4	33
34	A cellular model for screening of lactobacilli that can enhance tight junctions. <i>RSC Advances</i> , <b>2016</b> , 6, 111812-111821	3.7	12
33	Multiple roles of lactic acid bacteria microflora in the formation of marker flavour compounds in traditional chinese paocai. <i>RSC Advances</i> , <b>2016</b> , 6, 89671-89678	3.7	30
32	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> , <b>2016</b> , 7, 4851-4860	6.1	37
31	<i>Mortierella alpina</i> feed supplementation enriched hen eggs with DHA and AA. <i>RSC Advances</i> , <b>2016</b> , 6, 1694-1699	3.7	5
30	<i>Lactobacillus plantarum</i> ZS2058 produces CLA to ameliorate DSS-induced acute colitis in mice. <i>RSC Advances</i> , <b>2016</b> , 6, 14457-14464	3.7	29
29	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> , <b>2016</b> , 64, 2415-22	5.7	39
28	Characterization of an fungal l-fucokinase involved in <i>Mortierella alpina</i> GDP-l-fucose salvage pathway. <i>Glycobiology</i> , <b>2016</b> , 26, 880-887	5.8	8
27	Role of dihydrofolate reductase in tetrahydrobiopterin biosynthesis and lipid metabolism in the oleaginous fungus <i>Mortierella alpina</i> . <i>Microbiology (United Kingdom)</i> , <b>2016</b> , 162, 1544-1553	2.9	6
26	Substrate specificity of <i>Mortierella alpina</i> $\Delta$ -III fatty acid desaturase and its value for the production of omega-9 MUFA. <i>European Journal of Lipid Science and Technology</i> , <b>2016</b> , 118, 753-760	3	6
25	Metabolic Engineering of <i>Mortierella alpina</i> for Enhanced Arachidonic Acid Production through the NADPH-Supplying Strategy. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 3280-3288	4.8	37
24	Oral Administration of Probiotics Inhibits Absorption of the Heavy Metal Cadmium by Protecting the Intestinal Barrier. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 4429-40	4.8	93
23	Production of GDP-L-fucose from exogenous fucose through the salvage pathway in <i>Mortierella alpina</i> . <i>RSC Advances</i> , <b>2016</b> , 6, 46308-46316	3.7	
22	Biochemical characterization of an isoform of GDP-D-mannose-4,6-dehydratase from <i>Mortierella alpina</i> . <i>Biotechnology Letters</i> , <b>2016</b> , 38, 1761-8	3	1
21	Lactulose Differently Modulates the Composition of Luminal and Mucosal Microbiota in C57BL/6J Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6240-7	5.7	70
20	Metagenomic insights into the effects of fructo-oligosaccharides (FOS) on the composition of fecal microbiota in mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 856-63	5.7	70
19	Identification of a critical determinant that enables efficient fatty acid synthesis in oleaginous fungi. <i>Scientific Reports</i> , <b>2015</b> , 5, 11247	4.9	69
18	Review of the roles of conjugated linoleic acid in health and disease. <i>Journal of Functional Foods</i> , <b>2015</b> , 15, 314-325	5.1	137

17	Complete genome sequence of <i>Lactobacillus plantarum</i> ZS2058, a probiotic strain with high conjugated linoleic acid production ability. <i>Journal of Biotechnology</i> , <b>2015</b> , 214, 212-3	3.7	8
16	Production of conjugated linoleic acid by heterologous expression of linoleic acid isomerase in oleaginous fungus <i>Mortierella alpina</i> . <i>Biotechnology Letters</i> , <b>2015</b> , 37, 1983-92	3	10
15	Protective effect of <i>Streptococcus thermophilus</i> CCFM218 against house dust mite allergy in a mouse model. <i>Food Control</i> , <b>2015</b> , 50, 283-290	6.2	8
14	A phylo-functional core of gut microbiota in healthy young Chinese cohorts across lifestyles, geography and ethnicities. <i>ISME Journal</i> , <b>2015</b> , 9, 1979-90	11.9	231
13	Oral administration of <i>Lactobacillus rhamnosus</i> CCFM0528 improves glucose tolerance and cytokine secretion in high-fat-fed, streptozotocin-induced type 2 diabetic mice. <i>Journal of Functional Foods</i> , <b>2014</b> , 10, 318-326	5.1	43
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11	Cloning, expression and functional validation of a $\beta$ -fructofuranosidase from <i>Lactobacillus plantarum</i> . <i>Process Biochemistry</i> , <b>2014</b> , 49, 758-767	4.8	14
10	Role of malic enzyme during fatty acid synthesis in the oleaginous fungus <i>Mortierella alpina</i> . <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 2672-8	4.8	71
9	Synthesis of conjugated linoleic acid by the linoleate isomerase complex in food-derived lactobacilli. <i>Journal of Applied Microbiology</i> , <b>2014</b> , 117, 430-9	4.7	49
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1	Biochemical characterization of the tetrahydrobiopterin synthesis pathway in the oleaginous fungus <i>Mortierella alpina</i> . <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 3059-3070	2.9	20