

Yong Q Chen

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.

206
papers

6,421
citations

47
h-index

69
g-index

216
ext. papers

7,499
ext. citations

5.5
avg, IF

5.72
L-index

#	Paper	IF	Citations
206	Slc25a5 regulates adipogenesis by modulating ERK signaling in OP9 cells.. <i>Cellular and Molecular Biology Letters</i> , 2022 , 27, 11	8.1	1
205	Blockage of NDUFB9-SCD1 pathway inhibits adipogenesis : Blockage of NDUFB9-SCD1 pathway inhibits adipogenesis.. <i>Journal of Physiology and Biochemistry</i> , 2022 , 1	5	0
204	Adipose tissue plays a major role in retinoic acid-mediated metabolic homoeostasis.. <i>Adipocyte</i> , 2022 , 11, 47-55	3.2	2
203	3-Hydroxyacyl-CoA dehydratase 2 deficiency confers resistance to diet-induced obesity and glucose intolerance.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 605, 134-140	3.4	0
202	Eicosanoid production by macrophages during inflammation depends on the M1/M2 phenotype.. <i>Prostaglandins and Other Lipid Mediators</i> , 2022 , 106635	3.7	0
201	The relationship between amino acid and lipid metabolism in oleaginous eukaryotic microorganism.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 1	5.7	0
200	Free fatty acid receptor 4 deletion attenuates colitis by modulating Treg Cells via ZBED6-IL33 pathway.. <i>EBioMedicine</i> , 2022 , 80, 104060	8.8	1
199	Increased SERPINA3 Level Is Associated with Ulcerative Colitis.. <i>Diagnostics</i> , 2021 , 11,	3.8	4
198	Consensus mutagenesis and computational simulation provide insight into the desaturation catalytic mechanism for delta 6 fatty acid desaturase. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 586, 74-80	3.4	1
197	Multi-targeted therapy of cancer by omega-3 fatty acids-an update. <i>Cancer Letters</i> , 2021 , 526, 193-204	9.9	3
196	regulates adipogenic differentiation via. <i>Adipocyte</i> , 2021 , 10, 646-657	3.2	3
195	SNF1B Modulated Glucose Uptake and the Balance between Polyunsaturated Fatty Acids and Carbohydrates in. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 13849-13858	5.7	1
194	Cholesterol and saturated fatty acids synergistically promote the malignant progression of prostate cancer.. <i>Neoplasia</i> , 2021 , 24, 86-97	6.4	3
193	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
192	Omega-3 fatty acids improve flow-induced vasodilation by enhancing TRPV4 in arteries from diet-induced obese mice. <i>Cardiovascular Research</i> , 2021 , 117, 2450-2458	9.9	11
191	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
190	Carbohydrate analysis of <i>Mortierella alpina</i> by colorimetry and HPLC-ELSD to reveal accumulation differences of sugar and lipid. <i>Biotechnology Letters</i> , 2021 , 43, 1289-1301	3	4

189	Prostaglandin E attenuates macrophage-associated inflammation and prostate tumour growth by modulating polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 5586-5601	5.6	5
188	PTIP Deficiency in B Lymphocytes Reduces Subcutaneous Fat Deposition in Mice. <i>Biochemistry (Moscow)</i> , 2021 , 86, 568-576	2.9	
187	A novel small-molecule fatty acid synthase inhibitor with antitumor activity by cell cycle arrest and cell division inhibition. <i>European Journal of Medicinal Chemistry</i> , 2021 , 219, 113407	6.8	1
186	Lipid metabolism research in oleaginous fungus <i>Mortierella alpina</i> : Current progress and future prospects. <i>Biotechnology Advances</i> , 2021 , 107794	17.8	8
185	Metabolomics analysis reveals the role of oxygen control in the nitrogen limitation induced lipid accumulation in <i>Mortierella alpina</i> . <i>Journal of Biotechnology</i> , 2021 , 325, 325-333	3.7	7
184	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
183	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
182	The role of phenylalanine hydroxylase in lipogenesis in the oleaginous fungus. <i>Microbiology (United Kingdom)</i> , 2021 , 167,	2.9	1
181	Resolvin D1 and D2 inhibit tumour growth and inflammation via modulating macrophage polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 8045-8056	5.6	17
180	The Role of Glyceraldehyde-3-Phosphate Dehydrogenases in NADPH Supply in the Oleaginous Filamentous Fungus. <i>Frontiers in Microbiology</i> , 2020 , 11, 818	5.7	7
179	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
178	Role of 6 and on Lipid Accumulation in. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 4245-4251	5.7	7
177	Tetrahydrobiopterin Plays a Functionally Significant Role in Lipogenesis in the Oleaginous Fungus. <i>Frontiers in Microbiology</i> , 2020 , 11, 250	5.7	5
176	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> , 2020 , 13, 116	7.8	14
175	The role of MTHFDL in mediating intracellular lipogenesis in oleaginous. <i>Microbiology (United Kingdom)</i> , 2020 , 166, 617-623	2.9	2
174	Comprehensive Analysis of the Glycome and Glycoproteome of Bovine Milk-Derived Exosomes. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 12692-12701	5.7	5
173	β fatty acid desaturases in polyunsaturated fatty acid biosynthesis: insights into the evolution, function with substrate specificities and biotechnological use. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 9947-9963	5.7	4
172	Improved Lipogenesis in by Abolishing the Mediated Energy-Saving Mode under Low Glucose. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 10787-10798	5.7	3

171	Metabolic Alterations Induced by Kudingcha Lead to Cancer Cell Apoptosis and Metastasis Inhibition. <i>Nutrition and Cancer</i> , 2020 , 72, 696-707	2.8	5
170	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> , 2019 , 67, 10984-10993	5.7	10
169	Increased GPR120 level is associated with gestational diabetes mellitus. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 512, 196-201	3.4	6
168	The mixture of corn and wheat peptide prevent diabetes in NOD mice. <i>Journal of Functional Foods</i> , 2019 , 56, 163-170	5.1	8
167	Evaluation of metabolome sample preparation and extraction methodologies for oleaginous filamentous fungi <i>Mortierella alpina</i> . <i>Metabolomics</i> , 2019 , 15, 50	4.7	18
166	Characterization and molecular docking of new Δ^7 fatty acid desaturase genes from and .. <i>RSC Advances</i> , 2019 , 9, 6871-6880	3.7	3
165	Effect of Different Cereal Peptides on the Development of Type 1 Diabetes is Associated with Their Anti-inflammatory Ability: In Vitro and In Vivo Studies. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800987	5.9	8
164	An efficient strategy for screening polyunsaturated fatty acid-producing oleaginous filamentous fungi from soil. <i>Journal of Microbiological Methods</i> , 2019 , 158, 80-85	2.8	6
163	Role of Adenosine Monophosphate Deaminase during Fatty Acid Accumulation in Oleaginous Fungus. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 9551-9559	5.7	13
162	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> , 2019 , 4,	7.6	11
161	Developing a mint yogurt enriched with omega-3 oil: Physiochemical, microbiological, rheological, and sensorial characteristics. <i>Journal of Food Processing and Preservation</i> , 2019 , 43, e14287	2.1	10
160	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> , 2018 , 45, 281-291	4.2	3
159	GPR120 is not required for Ω PUFAs-induced cell growth inhibition and apoptosis in breast cancer cells. <i>Cell Biology International</i> , 2018 , 42, 180-186	4.5	9
158	Optimization of <i>Agrobacterium tumefaciens</i> -mediated transformation method of oleaginous filamentous fungus <i>Mortierella alpina</i> on co-cultivation materials choice. <i>Journal of Microbiological Methods</i> , 2018 , 152, 179-185	2.8	9
157	Characterization of an Omega-3 Desaturase From and Application for Eicosapentaenoic Acid Production in. <i>Frontiers in Microbiology</i> , 2018 , 9, 1878	5.7	15
156	Metabolic Shift Induced by Ω 3 PUFAs and Rapamycin Lead to Cancer Cell Death. <i>Cellular Physiology and Biochemistry</i> , 2018 , 48, 2318-2336	3.9	11
155	Optimization of the quenching and extraction procedures for a metabolomic analysis of <i>Lactobacillus plantarum</i> . <i>Analytical Biochemistry</i> , 2018 , 557, 62-68	3.1	10
154	Substrate specificity and membrane topologies of the iron-containing β and β' desaturases from <i>Mortierella alpina</i> . <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 211-223	5.7	7

153	Application of high EPA-producing in laying hen feed for egg DHA accumulation.. <i>RSC Advances</i> , 2018 , 8, 39005-39012	3.7	2
152	Alterations in the Urinary Microbiota Are Associated With Cesarean Delivery. <i>Frontiers in Microbiology</i> , 2018 , 9, 2193	5.7	4
151	Molecular mechanism of substrate preference for Δ^6 fatty acid desaturase from <i>Mortierella alpina</i> by mutational analysis and molecular docking. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 9679-9689	5.7	8
150	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> , 2017 , 16, 10	4.4	23
149	Generation of lycopene-overproducing strains of the fungus <i>Mucor circinelloides</i> reveals important aspects of lycopene formation and accumulation. <i>Biotechnology Letters</i> , 2017 , 39, 439-446	3	7
148	Comparative Proteome Analysis between High Lipid-Producing Strain <i>Mucor circinelloides</i> WJ11 and Low Lipid-Producing Strain CBS 277.49. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 5074-5082	5.7	19
147	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. <i>Scientific Reports</i> , 2017 , 8, 45840	4.9	92
146	Tuna oil and <i>Mentha piperita</i> oil emulsions and microcapsules stabilised by whey protein isolate and inulin: characterisation and stability. <i>International Journal of Food Science and Technology</i> , 2017 , 52, 494-503	3.8	13
145	Molecular tools for gene manipulation in filamentous fungi. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 8063-8075	5.7	38
144	Endogenous omega-3 long-chain fatty acid biosynthesis from alpha-linolenic acid is affected by substrate levels, gene expression, and product inhibition. <i>RSC Advances</i> , 2017 , 7, 40946-40951	3.7	4
143	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> , 2017 , 16, 136	4.4	18
142	RA and Δ^6 PUFA co-treatment activates autophagy in cancer cells. <i>Oncotarget</i> , 2017 , 8, 109135-109150	3.3	11
141	Application of a Δ^6 Desaturase with an Arachidonic Acid Preference to Eicosapentaenoic Acid Production in. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017 , 5, 89	5.8	20
140	Bacterial conjugated linoleic acid production and their applications. <i>Progress in Lipid Research</i> , 2017 , 68, 26-36	14.3	41
139	Anti-diabetic Effects of <i>Clostridium butyricum</i> CGMCC0313.1 through Promoting the Growth of Gut Butyrate-producing Bacteria in Type 2 Diabetic Mice. <i>Scientific Reports</i> , 2017 , 7, 7046	4.9	71
138	Clove extract functions as a natural fatty acid synthesis inhibitor and prevents obesity in a mouse model. <i>Food and Function</i> , 2017 , 8, 2847-2856	6.1	14
137	Increased fatty acid accumulation following overexpression of glycerol-3-phosphate dehydrogenase and suppression of Δ^6 oxidation in oleaginous fungus <i>Mortierella alpina</i> . <i>European Journal of Lipid Science and Technology</i> , 2017 , 119, 1600113	3	4
136	Mining bifidobacteria from the neonatal gastrointestinal tract for conjugated linolenic acid production. <i>Bioengineered</i> , 2017 , 8, 232-238	5.7	13

135	CGMCC0313.1 Protects against Autoimmune Diabetes by Modulating Intestinal Immune Homeostasis and Inducing Pancreatic Regulatory T Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 1345	8.4	51
134	Lipase genes in <i>Mucor circinelloides</i> : identification, sub-cellular location, phylogenetic analysis and expression profiling during growth and lipid accumulation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 1467-80	4.2	14
133	A new regulatory mechanism controlling carotenogenesis in the fungus <i>Mucor circinelloides</i> as a target to generate β -carotene over-producing strains by genetic engineering. <i>Microbial Cell Factories</i> , 2016 , 15, 99	6.4	25
132	Application of a delta-6 desaturase with Δ linolenic acid preference on eicosapentaenoic acid production in <i>Mortierella alpina</i> . <i>Microbial Cell Factories</i> , 2016 , 15, 117	6.4	33
131	Construction of acetoin high-producing <i>Bacillus subtilis</i> strain. <i>Biotechnology and Biotechnological Equipment</i> , 2016 , 30, 700-705	1.6	2
130	Bioinformatical analysis and preliminary study of the role of lipase in lipid metabolism in <i>Mucor circinelloides</i> . <i>RSC Advances</i> , 2016 , 6, 60673-60682	3.7	9
129	Toxicity assessment of perfluorooctane sulfonate using acute and subchronic male C57BL/6J mouse models. <i>Environmental Pollution</i> , 2016 , 210, 388-96	9.3	34
128	Role of malate transporter in lipid accumulation of oleaginous fungus <i>Mucor circinelloides</i> . <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 1297-1305	5.7	32
127	<i>Mortierella alpina</i> feed supplementation enriched hen eggs with DHA and AA. <i>RSC Advances</i> , 2016 , 6, 1694-1699	3.7	5
126	Therapeutic implications of innate immune system in acute pancreatitis. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 73-87	6.4	27
125	<i>Lactobacillus plantarum</i> ZS2058 produces CLA to ameliorate DSS-induced acute colitis in mice. <i>RSC Advances</i> , 2016 , 6, 14457-14464	3.7	29
124	Proteomics analysis of high lipid-producing strain <i>Mucor circinelloides</i> WJ11: an explanation for the mechanism of lipid accumulation at the proteomic level. <i>Microbial Cell Factories</i> , 2016 , 15, 35	6.4	40
123	Multi-dimensional, comprehensive sample extraction combined with LC-GC/MS analysis for complex biological samples: application in the metabolomics study of acute pancreatitis. <i>RSC Advances</i> , 2016 , 6, 25837-25849	3.7	13
122	Characterization of a fungal l-fucokinase involved in <i>Mortierella alpina</i> GDP-l-fucose salvage pathway. <i>Glycobiology</i> , 2016 , 26, 880-887	5.8	8
121	Cathelicidins positively regulate pancreatic β cell functions. <i>FASEB Journal</i> , 2016 , 30, 884-94	0.9	14
120	Role of dihydrofolate reductase in tetrahydrobiopterin biosynthesis and lipid metabolism in the oleaginous fungus <i>Mortierella alpina</i> . <i>Microbiology (United Kingdom)</i> , 2016 , 162, 1544-1553	2.9	6
119	Sulforaphane Protects Pancreatic Acinar Cell Injury by Modulating Nrf2-Mediated Oxidative Stress and NLRP3 Inflammatory Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 7864150	6.7	52
118	<i>Clostridium Butyricum</i> CGMCC0313.1 Modulates Lipid Profile, Insulin Resistance and Colon Homeostasis in Obese Mice. <i>PLoS ONE</i> , 2016 , 11, e0154373	3.7	41

117	Substrate specificity of <i>Mortierella alpina</i> Δ -III fatty acid desaturase and its value for the production of omega-9 MUFA. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 753-760	3	6
116	Metabolic Engineering of <i>Mortierella alpina</i> for Enhanced Arachidonic Acid Production through the NADPH-Supplying Strategy. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 3280-3288	4.8	37
115	Maximum-biomass prediction of homofermentative <i>Lactobacillus</i> . <i>Journal of Bioscience and Bioengineering</i> , 2016 , 122, 52-7	3.3	12
114	Stability of tuna oil and tuna oil/peppermint oil blend microencapsulated using whey protein isolate in combination with carboxymethyl cellulose or pullulan. <i>Food Hydrocolloids</i> , 2016 , 60, 559-571	10.6	57
113	Screening of potential probiotic lactic acid bacteria based on gastrointestinal properties and perfluorooctanoate toxicity. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 6755-6766	5.7	6
112	Production of GDP-L-fucose from exogenous fucose through the salvage pathway in <i>Mortierella alpina</i> . <i>RSC Advances</i> , 2016 , 6, 46308-46316	3.7	
111	The role of a xylose isomerase pathway in the conversion of xylose to lipid in <i>Mucor circinelloides</i> . <i>RSC Advances</i> , 2016 , 6, 77944-77952	3.7	7
110	Biochemical characterization of an isoform of GDP-D-mannose-4,6-dehydratase from <i>Mortierella alpina</i> . <i>Biotechnology Letters</i> , 2016 , 38, 1761-8	3	1
109	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> , 2015 , 63, 856-63	5.7	70
108	Omega-3 free fatty acids inhibit tamoxifen-induced cell apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 459, 294-299	3.4	20
107	Determining antioxidant activities of lactobacilli cell-free supernatants by cellular antioxidant assay: a comparison with traditional methods. <i>PLoS ONE</i> , 2015 , 10, e0119058	3.7	74
106	Pancreatic β Cells Limit Autoimmune Diabetes via an Immunoregulatory Antimicrobial Peptide Expressed under the Influence of the Gut Microbiota. <i>Immunity</i> , 2015 , 43, 304-17	32.3	177
105	n-3 Polyunsaturated Fatty Acids and their Role in Cancer Chemoprevention. <i>Current Pharmacology Reports</i> , 2015 , 1, 283-294	5.5	48
104	Identification of a critical determinant that enables efficient fatty acid synthesis in oleaginous fungi. <i>Scientific Reports</i> , 2015 , 5, 11247	4.9	69
103	Review of the roles of conjugated linoleic acid in health and disease. <i>Journal of Functional Foods</i> , 2015 , 15, 314-325	5.1	137
102	Cellular model to assess the antioxidant activity of lactobacilli. <i>RSC Advances</i> , 2015 , 5, 37626-37634	3.7	12
101	Reconstruction and analysis of a genome-scale metabolic model of the oleaginous fungus <i>Mortierella alpina</i> . <i>BMC Systems Biology</i> , 2015 , 9, 1	3.5	76
100	Protective effects of lactic acid bacteria-fermented soymilk against chronic cadmium toxicity in mice. <i>RSC Advances</i> , 2015 , 5, 4648-4658	3.7	15

99	Role of pentose phosphate pathway in lipid accumulation of oleaginous fungus <i>Mucor circinelloides</i> . <i>RSC Advances</i> , 2015 , 5, 97658-97664	3-7	27
98	Complete genome sequence of <i>Lactobacillus plantarum</i> ZS2058, a probiotic strain with high conjugated linoleic acid production ability. <i>Journal of Biotechnology</i> , 2015 , 214, 212-3	3-7	8
97	Maspin Expression in Prostate Tumor Cells Averts Stemness and Stratifies Drug Sensitivity. <i>Cancer Research</i> , 2015 , 75, 3970-9	10.1	15
96	Production of conjugated linoleic acid by heterologous expression of linoleic acid isomerase in oleaginous fungus <i>Mortierella alpina</i> . <i>Biotechnology Letters</i> , 2015 , 37, 1983-92	3	10
95	(13)C-metabolic flux analysis of lipid accumulation in the oleaginous fungus <i>Mucor circinelloides</i> . <i>Bioresource Technology</i> , 2015 , 197, 23-9	11	36
94	Determining antioxidant activities of lactobacilli by cellular antioxidant assay in mammal cells. <i>Journal of Functional Foods</i> , 2015 , 19, 554-562	5.1	14
93	Extraction optimization of polysaccharides from Chinese rice wine from the Shaoxing region and evaluation of its immunity activities. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 1991-6	4.3	13
92	A new potential secretion pathway for recombinant proteins in <i>Bacillus subtilis</i> . <i>Microbial Cell Factories</i> , 2015 , 14, 179	6.4	19
91	Omega-3 Polyunsaturated Fatty Acids: The Way Forward in Times of Mixed Evidence. <i>BioMed Research International</i> , 2015 , 2015, 143109	3	54
90	<i>Lactobacillus rhamnosus</i> CCFM1107 treatment ameliorates alcohol-induced liver injury in a mouse model of chronic alcohol feeding. <i>Journal of Microbiology</i> , 2015 , 53, 856-63	3	37
89	Molecular mechanism of substrate specificity for delta 6 desaturase from <i>Mortierella alpina</i> and <i>Micromonas pusilla</i> . <i>Journal of Lipid Research</i> , 2015 , 56, 2309-21	6.3	25
88	Metabolic engineering of <i>Mortierella alpina</i> for arachidonic acid production with glycerol as carbon source. <i>Microbial Cell Factories</i> , 2015 , 14, 205	6.4	26
87	Suppression of dust mite allergy by mucosal delivery of a hypoallergenic derivative in a mouse model. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 4309-19	5.7	14
86	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015 , 54, 23-30	6.2	80
85	In vitro fermentation of fructooligosaccharides with human gut bacteria. <i>Food and Function</i> , 2015 , 6, 947-54	6.1	24
84	Comparison of Biochemical Activities between High and Low Lipid-Producing Strains of <i>Mucor circinelloides</i> : An Explanation for the High Oleaginicacy of Strain WJ11. <i>PLoS ONE</i> , 2015 , 10, e0128396	3-7	54
83	Complete Genome Sequence of a High Lipid-Producing Strain of <i>Mucor circinelloides</i> WJ11 and Comparative Genome Analysis with a Low Lipid-Producing Strain CBS 277.49. <i>PLoS ONE</i> , 2015 , 10, e0137543	3-7	37
82	Modulation of peanut-induced allergic immune responses by oral lactic acid bacteria-based vaccines in mice. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 6353-64	5.7	32

81	Protective effects of <i>Lactobacillus plantarum</i> CCFM8610 against chronic cadmium toxicity in mice indicate routes of protection besides intestinal sequestration. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 4063-71	4.8	91
80	Enhanced lipid accumulation in the yeast <i>Yarrowia lipolytica</i> by over-expression of ATP:citrate lyase from <i>Mus musculus</i> . <i>Journal of Biotechnology</i> , 2014 , 192 Pt A, 78-84	3.7	66
79	In vitro fermentation of lactulose by human gut bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 10970-7	5.7	35
78	Effects of 20 standard amino acids on the growth, total fatty acids production, and linolenic acid yield in <i>Mucor circinelloides</i> . <i>Current Microbiology</i> , 2014 , 69, 899-908	2.4	19
77	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> , 2014 , 10, 318-326	5.1	43
76	Fatty acid synthase is required for mammary gland development and milk production during lactation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E1132-43	6	42
75	Increased fatty acid unsaturation and production of arachidonic acid by homologous over-expression of the mitochondrial malic enzyme in <i>Mortierella alpina</i> . <i>Biotechnology Letters</i> , 2014 , 36, 1827-34	3	32
74	Expression, purification, and characterization of NADP ⁺ -dependent malic enzyme from the oleaginous fungus <i>Mortierella alpina</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014 , 173, 1849-57	3.2	6
73	Partial characterisation of an anti-listeria substance produced by <i>Pediococcus acidilactici</i> P9. <i>International Dairy Journal</i> , 2014 , 34, 275-279	3.5	9
72	Role of malic enzyme during fatty acid synthesis in the oleaginous fungus <i>Mortierella alpina</i> . <i>Applied and Environmental Microbiology</i> , 2014 , 80, 2672-8	4.8	71
71	The protective role of glycine betaine in <i>Lactobacillus plantarum</i> ST-III against salt stress. <i>Food Control</i> , 2014 , 44, 208-213	6.2	21
70	Screening for potential new probiotic based on probiotic properties and α-glucosidase inhibitory activity. <i>Food Control</i> , 2014 , 35, 65-72	6.2	107
69	Genetically engineered <i>Lactococcus lactis</i> protect against house dust mite allergy in a BALB/c mouse model. <i>PLoS ONE</i> , 2014 , 9, e109461	3.7	27
68	Ribosomal protein-Mdm2-p53 pathway coordinates nutrient stress with lipid metabolism by regulating MCD and promoting fatty acid oxidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E2414-22	11.5	76
67	RE: Serum phospholipid fatty acids and prostate cancer risk in the SELECT trial. <i>Journal of the National Cancer Institute</i> , 2014 , 106, dju023	9.7	6
66	Antidiabetic effect of <i>Lactobacillus casei</i> CCFM0412 on mice with type 2 diabetes induced by a high-fat diet and streptozotocin. <i>Nutrition</i> , 2014 , 30, 1061-8	4.8	56
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