

Yong Q Chen

List of Publications by Year in descending order

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215
papers

8,426
citations

34076

52
h-index

64755

79
g-index

216
all docs

216
docs citations

216
times ranked

10905
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-targeted therapy of cancer by omega-3 fatty acids. <i>Cancer Letters</i> , 2008, 269, 363-377.	3.2	316
2	Pancreatic β -Cells Limit Autoimmune Diabetes via an Immunoregulatory Antimicrobial Peptide Expressed under the Influence of the Gut Microbiota. <i>Immunity</i> , 2015, 43, 304-317.	6.6	247
3	Modulation of prostate cancer genetic risk by omega-3 and omega-6 fatty acids. <i>Journal of Clinical Investigation</i> , 2007, 117, 1866-1875.	3.9	225
4	Review of the roles of conjugated linoleic acid in health and disease. <i>Journal of Functional Foods</i> , 2015, 15, 314-325.	1.6	185
5	Elevated 12-lipoxygenase mRNA expression correlates with advanced stage and poor differentiation of human prostate cancer. <i>Urology</i> , 1995, 46, 227-237.	0.5	161
6	Epinephrine Protects Cancer Cells from Apoptosis via Activation of cAMP-dependent Protein Kinase and BAD Phosphorylation*. <i>Journal of Biological Chemistry</i> , 2007, 282, 14094-14100.	1.6	160
7	Screening for potential new probiotic based on probiotic properties and α -glucosidase inhibitory activity. <i>Food Control</i> , 2014, 35, 65-72.	2.8	145
8	Genome Characterization of the Oleaginous Fungus <i>Mortierella alpina</i> . <i>PLoS ONE</i> , 2011, 6, e28319.	1.1	133
9	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.	3.0	131
10	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. <i>Scientific Reports</i> , 2017, 7, 45840.	1.6	127
11	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, 4063-4071.	1.4	123
12	PTEN loss mediated Akt activation promotes prostate tumor growth and metastasis via CXCL12/CXCR4 signaling. <i>Molecular Cancer</i> , 2013, 12, 85.	7.9	120
13	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.	1.6	117
14	Role of p21 ^{Waf1/Cip1/Sdi1} in cell death and DNA repair as studied using a tetracycline-inducible system in p53-deficient cells. <i>Oncogene</i> , 1997, 14, 1875-1882.	2.6	111
15	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015, 54, 23-30.	2.8	109
16	Mediation of the DCC Apoptotic Signal by DIP13 β . <i>Journal of Biological Chemistry</i> , 2002, 277, 26281-26285.	1.6	107
17	Expression Signature of the Mouse Prostate. <i>Journal of Biological Chemistry</i> , 2005, 280, 36442-36451.	1.6	106
18	Lipids and prostate cancer. <i>Prostaglandins and Other Lipid Mediators</i> , 2012, 98, 1-10.	1.0	106

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19	Determining Antioxidant Activities of Lactobacilli Cell-Free Supernatants by Cellular Antioxidant Assay: A Comparison with Traditional Methods. <i>PLoS ONE</i> , 2015, 10, e0119058.	1.1	97
20	The lipoxygenase metabolite 12(S)-hete induces a cytoskeleton-dependent increase in surface expression of integrin $\alpha 5 \beta 1$ on melanoma cells. <i>International Journal of Cancer</i> , 1991, 49, 774-786.	2.3	91
21	Decorin Suppresses Prostate Tumor Growth through Inhibition of Epidermal Growth Factor and Androgen Receptor Pathways. <i>Neoplasia</i> , 2009, 11, 1042-1053.	2.3	91
22	Ribosomal protein $\alpha 28$ 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.	3.3	91
23	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, 856-863.	2.4	90
24	Regulatory properties of malic enzyme in the oleaginous yeast, <i>Yarrowia lipolytica</i> , and its non-involvement in lipid accumulation. <i>Biotechnology Letters</i> , 2013, 35, 2091-2098.	1.1	89
25	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, 78-84.	1.9	87
26	Role of Malic Enzyme during Fatty Acid Synthesis in the Oleaginous Fungus <i>Mortierella alpina</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 2672-2678.	1.4	87
27	Identification of a critical determinant that enables efficient fatty acid synthesis in oleaginous fungi. <i>Scientific Reports</i> , 2015, 5, 11247.	1.6	83
28	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.	5.6	82
29	Identification of androgen-regulated genes in the prostate cancer cell line LNCaP by serial analysis of gene expression and proteomic analysis. <i>Proteomics</i> , 2001, 1, 1327-1338.	1.3	78
30	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, 1061-1068.	1.1	78
31	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, 1-12.	1.9	78
32	Omega-3 Polyunsaturated Fatty Acids: The Way Forward in Times of Mixed Evidence. <i>BioMed Research International</i> , 2015, 2015, 1-24.	0.9	76
33	Mechanisms of Omega-3 Polyunsaturated Fatty Acids in Prostate Cancer Prevention. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	75
34	<i>Clostridium butyricum</i> 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.	2.2	75
35	Bacterial conjugated linoleic acid production and their applications. <i>Progress in Lipid Research</i> , 2017, 68, 26-36.	5.3	71
36	Analysis of a Truncated Form of Cathepsin H in Human Prostate Tumor Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 11533-11538.	1.6	66

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37	Omega-3 fatty acids induce apoptosis in human breast cancer cells and mouse mammary tissue through syndecan-1 inhibition of the MEK-Erk pathway. <i>Carcinogenesis</i> , 2011, 32, 1518-1524.	1.3	66
38	Comparison of Biochemical Activities between High and Low Lipid-Producing Strains of <i>Mucor circinelloides</i> : An Explanation for the High Oleaginicinity of Strain WJ11. <i>PLoS ONE</i> , 2015, 10, e0128396.	1.1	66
39	Polyunsaturated fatty acid metabolism in prostate cancer. <i>Cancer and Metastasis Reviews</i> , 2011, 30, 295-309.	2.7	65
40	n-3 Polyunsaturated Fatty Acids and Their Role in Cancer Chemoprevention. <i>Current Pharmacology Reports</i> , 2015, 1, 283-294.	1.5	65
41	The lipoxygenase metabolite 12(S)-hete promotes $\alpha_5\beta_1$ integrin-mediated tumor-cell spreading on fibronectin. <i>International Journal of Cancer</i> , 1992, 52, 594-603.	2.3	63
42	Induction of apoptosis and G2/M cell cycle arrest by DCC. <i>Oncogene</i> , 1999, 18, 2747-2754.	2.6	63
43	Syndecan-1-Dependent Suppression of PDK1/Akt/Bad Signaling by Docosahexaenoic Acid Induces Apoptosis in Prostate Cancer. <i>Neoplasia</i> , 2010, 12, 826-836.	2.3	63
44	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-E1143.	1.8	61
45	Y-box-binding protein 1 confers EGF independence to human mammary epithelial cells. <i>Oncogene</i> , 2005, 24, 3177-3186.	2.6	60
46	<i>Clostridium Butyricum</i> CGMCC0313.1 Modulates Lipid Profile, Insulin Resistance and Colon Homeostasis in Obese Mice. <i>PLoS ONE</i> , 2016, 11, e0154373.	1.1	59
47	Ectopic expression of platelet integrin $\alpha_5\beta_1$ in tumor cells from various species and histological origin. <i>Journal of Cellular Biochemistry</i> , 1997, 72, 642-648.		58
48	Genetic engineering of <i>Yarrowia lipolytica</i> for enhanced production of trans-10, cis-12 conjugated linoleic acid. <i>Microbial Cell Factories</i> , 2013, 12, 70.	1.9	57
49	Myosin-cross-reactive antigens from four different lactic acid bacteria are fatty acid hydratases. <i>Biotechnology Letters</i> , 2013, 35, 75-81.	1.1	57
50	5-Oxo-EETE analogs and the proliferation of cancer cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1736, 228-236.	1.2	56
51	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.	1.4	56
52	H-ras, but not N-ras, induces an invasive phenotype in human breast epithelial cells: A role for MMP-2 in the h-ras-induced invasive phenotype. <i>International Journal of Cancer</i> , 2000, 85, 176-181.	2.3	55
53	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.	1.6	55
54	Polyunsaturated fatty acids affect the localization and signaling of PIP3/AKT in prostate cancer cells. <i>Carcinogenesis</i> , 2013, 34, 1968-1975.	1.3	54

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55	Molecular tools for gene manipulation in filamentous fungi. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 8063-8075.	1.7	54
56	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.	1.9	53
57	Dietary fat-gene interactions in cancer. <i>Cancer and Metastasis Reviews</i> , 2007, 26, 535-551.	2.7	52
58	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.	1.1	52
59	Fatty acid modulation of tumor cell-platelet-vessel wall interaction. <i>Cancer and Metastasis Reviews</i> , 1992, 11, 389-409.	2.7	51
60	¹³ C-metabolic flux analysis of lipid accumulation in the oleaginous fungus <i>Mucor circinelloides</i> . <i>Bioresource Technology</i> , 2015, 197, 23-29.	4.8	51
61	Effect of dietary polyunsaturated fatty acids on castration-resistant Pten-null prostate cancer. <i>Carcinogenesis</i> , 2012, 33, 404-412.	1.3	48
62	<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, 856-863.	1.3	48
63	Toxicity assessment of perfluorooctane sulfonate using acute and subchronic male C57BL/6J mouse models. <i>Environmental Pollution</i> , 2016, 210, 388-396.	3.7	48
64	Membrane Targeting by APPL1 and APPL2: Dynamic Scaffolds that Oligomerize and Bind Phosphoinositides. <i>Traffic</i> , 2008, 9, 215-229.	1.3	47
65	How are the Non-classically Secreted Bacterial Proteins Released into the Extracellular Milieu?. <i>Current Microbiology</i> , 2013, 67, 688-695.	1.0	47
66	β 3 Integrin expression and function in subpopulations of murine tumors. <i>Experimental Cell Research</i> , 1992, 201, 23-32.	1.2	46
67	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.	1.6	46
68	Protein-kinase-C inhibitor calphostin C reduces B16 amelanotic melanoma cell adhesion to endothelium and lung colonization. <i>International Journal of Cancer</i> , 1992, 52, 147-152.	2.3	45
69	In Vitro Fermentation of Lactulose by Human Gut Bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10970-10977.	2.4	45
70	Application of a delta-6 desaturase with α -linolenic acid preference on eicosapentaenoic acid production in <i>Mortierella alpina</i> . <i>Microbial Cell Factories</i> , 2016, 15, 117.	1.9	45
71	Therapeutic implications of innate immune system in acute pancreatitis. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 73-87.	1.5	44
72	1,25-dihydroxyvitamin D ₃ and PI3K/AKT inhibitors synergistically inhibit growth and induce senescence in prostate cancer cells. <i>Prostate</i> , 2010, 70, 1658-1671.	1.2	42

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73	Ω ³ fatty acid desaturases from microorganisms: structure, function, evolution, and biotechnological use. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10255-10262.	1.7	42
74	Role of malate transporter in lipid accumulation of oleaginous fungus <i>Mucor circinelloides</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1297-1305.	1.7	42
75	Inhibition of Pancreatic Tumor Cell Growth in Culture by p21Wef1 Recombinant Adenovirus. <i>Pancreas</i> , 1998, 16, 107-113.	0.5	41
76	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, 1827-1834.	1.1	41
77	n-3 polyunsaturated fatty acids suppress phosphatidylinositol 4,5-bisphosphate-dependent actin remodelling during CD4 ⁺ T-cell activation. <i>Biochemical Journal</i> , 2012, 443, 27-37.	1.7	38
78	Modulation of peanut-induced allergic immune responses by oral lactic acid bacteria-based vaccines in mice. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6353-6364.	1.7	38
79	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, 2309-2321.	2.0	36
80	In vitro fermentation of fructooligosaccharides with human gut bacteria. <i>Food and Function</i> , 2015, 6, 947-954.	2.1	36
81	The protective role of glycine betaine in <i>Lactobacillus plantarum</i> ST-III against salt stress. <i>Food Control</i> , 2014, 44, 208-213.	2.8	35
82	<i>Lactobacillus plantarum</i> ZS2058 produces CLA to ameliorate DSS-induced acute colitis in mice. <i>RSC Advances</i> , 2016, 6, 14457-14464.	1.7	35
83	Differential Effects of Delivery of Omega-3 Fatty Acids to Human Cancer Cells by Low-Density Lipoproteins versus Albumin. <i>Clinical Cancer Research</i> , 2004, 10, 8275-8283.	3.2	34
84	Metabolic engineering of <i>Mortierella alpina</i> for arachidonic acid production with glycerol as carbon source. <i>Microbial Cell Factories</i> , 2015, 14, 205.	1.9	34
85	Role of pentose phosphate pathway in lipid accumulation of oleaginous fungus <i>Mucor circinelloides</i> . <i>RSC Advances</i> , 2015, 5, 97658-97664.	1.7	34
86	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.	1.9	33
87	12-Lipoxygenase in A431 Cells: Genetic Identity, Modulation of Expression, and Intracellular Localization. <i>Experimental Cell Research</i> , 1996, 228, 197-205.	1.2	32
88	In Vivo and in Vitro Regulation of Syndecan 1 in Prostate Cells by n-3 Polyunsaturated Fatty Acids. <i>Journal of Biological Chemistry</i> , 2008, 283, 18441-18449.	1.6	32
89	Fatty acid metabolism: Implications for diet, genetic variation, and disease. <i>Food Bioscience</i> , 2013, 4, 1-12.	2.0	32
90	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.	1.1	32

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91	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.	0.9	32
92	Sensitization of human keratinocytes to killing by parvovirus H-1 takes place during their malignant transformation but does not require them to be tumorigenic. <i>Carcinogenesis</i> , 1989, 10, 163-167.	1.3	31
93	Role of the Phenylalanine-Hydroxylating System in Aromatic Substance Degradation and Lipid Metabolism in the Oleaginous Fungus <i>Mortierella alpina</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 3225-3233.	1.4	31
94	PTEN Regulates PDGF Ligand Switch for β -PDGFR Signaling in Prostate Cancer. <i>American Journal of Pathology</i> , 2012, 180, 1017-1027.	1.9	30
95	Lipid metabolism research in oleaginous fungus <i>Mortierella alpina</i> : Current progress and future prospects. <i>Biotechnology Advances</i> , 2022, 54, 107794.	6.0	30
96	Comprehensive Analysis of the Glycome and Glycoproteome of Bovine Milk-Derived Exosomes. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12692-12701.	2.4	29
97	Biochemical characterization of the tetrahydrobiopterin synthesis pathway in the oleaginous fungus <i>Mortierella alpina</i> . <i>Microbiology (United Kingdom)</i> , 2011, 157, 3059-3070.	0.7	28
98	Dietary supplementation of α -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.	1.2	28
99	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.	1.2	27
100	Evaluation of metabolome sample preparation and extraction methodologies for oleaginous filamentous fungi <i>Mortierella alpina</i> . <i>Metabolomics</i> , 2019, 15, 50.	1.4	27
101	Phytanic acid, AMACR and prostate cancer risk. <i>Future Oncology</i> , 2006, 2, 213-223.	1.1	26
102	Time-resolved multi-omics analysis reveals the role of nutrient stress-induced resource reallocation for TAG accumulation in oleaginous fungus <i>Mortierella alpina</i> . <i>Biotechnology for Biofuels</i> , 2020, 13, 116.	6.2	26
103	Maspin Expression in Prostate Tumor Cells Averts Stemness and Stratifies Drug Sensitivity. <i>Cancer Research</i> , 2015, 75, 3970-3979.	0.4	25
104	Application of a Δ -3 Desaturase with an Arachidonic Acid Preference to Eicosapentaenoic Acid Production in <i>Mortierella alpina</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 89.	2.0	25
105	Selection of Single Chain Fragment Variables with Direct Coating of Aflatoxin B ₁ to Enzyme-Linked Immunosorbent Assay Plates. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8927-8932.	2.4	24
106	Posttranslational regulation of membrane type 1-matrix metalloproteinase (MT1-MMP) in mouse PTEN null prostate cancer cells: Enhanced surface expression and differential O-glycosylation of MT1-MMP. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 1287-1297.	1.9	24
107	Expression and Purification of Integral Membrane Fatty Acid Desaturases. <i>PLoS ONE</i> , 2013, 8, e58139.	1.1	24
108	Characterization of an Omega-3 Desaturase From <i>Phytophthora parasitica</i> and Application for Eicosapentaenoic Acid Production in <i>Mortierella alpina</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1878.	1.5	24

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109	Insensitivity to growth inhibition by TGF- β 1 correlates with a lack of inhibition of the CDK2 activity in prostate carcinoma cells. <i>Oncogene</i> , 1998, 17, 1549-1556.	2.6	23
110	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.	2.1	23
111	A new potential secretion pathway for recombinant proteins in <i>Bacillus subtilis</i> . <i>Microbial Cell Factories</i> , 2015, 14, 179.	1.9	22
112	Omega-3 free fatty acids inhibit tamoxifen-induced cell apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 294-299.	1.0	22
113	Cathelicidins positively regulate pancreatic β -cell functions. <i>FASEB Journal</i> , 2016, 30, 884-894.	0.2	22
114	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.	2.4	22
115	Ultra Performance Liquid Chromatography-Q Exactive Orbitrap/Mass Spectrometry-Based Lipidomics Reveals the Influence of Nitrogen Sources on Lipid Biosynthesis of <i>Mortierella alpina</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10984-10993.	2.4	22
116	Cholesterol and saturated fatty acids synergistically promote the malignant progression of prostate cancer. <i>Neoplasia</i> , 2022, 24, 86-97.	2.3	22
117	Effects of 20 Standard Amino Acids on the Growth, Total Fatty Acids Production, and γ -Linolenic Acid Yield in <i>Mucor circinelloides</i> . <i>Current Microbiology</i> , 2014, 69, 899-908.	1.0	21
118	Role of Adenosine Monophosphate Deaminase during Fatty Acid Accumulation in Oleaginous Fungus <i>Mortierella alpina</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9551-9559.	2.4	21
119	The Role of Glyceraldehyde-3-Phosphate Dehydrogenases in NADPH Supply in the Oleaginous Filamentous Fungus <i>Mortierella alpina</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 818.	1.5	21
120	Free docosahexaenoic acid promotes ferroptotic cell death via lipoxygenase dependent and independent pathways in cancer cells. <i>European Journal of Nutrition</i> , 2022, 61, 4059-4075.	1.8	21
121	Mining bifidobacteria from the neonatal gastrointestinal tract for conjugated linolenic acid production. <i>Bioengineered</i> , 2017, 8, 232-238.	1.4	20
122	Multi-targeted therapy of cancer by omega-3 fatty acids-an update. <i>Cancer Letters</i> , 2022, 526, 193-204.	3.2	19
123	Protective effects of lactic acid bacteria-fermented soymilk against chronic cadmium toxicity in mice. <i>RSC Advances</i> , 2015, 5, 4648-4658.	1.7	18
124	Determining antioxidant activities of lactobacilli by cellular antioxidant assay in mammal cells. <i>Journal of Functional Foods</i> , 2015, 19, 554-562.	1.6	18
125	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, 1467-1480.	1.4	18
126	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.	1.3	18

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127	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, .	1.7	18
128	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.	1.8	18
129	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, 1991-1996.	1.7	17
130	RA and ω -3 PUFA co-treatment activates autophagy in cancer cells. <i>Oncotarget</i> , 2017, 8, 109135-109150.	0.8	17
131	APPL Proteins FRET at the BAR: Direct Observation of APPL1 and APPL2 BAR Domain-Mediated Interactions on Cell Membranes Using FRET Microscopy. <i>PLoS ONE</i> , 2010, 5, e12471.	1.1	17
132	Suppression of dust mite allergy by mucosal delivery of a hypoallergenic derivative in a mouse model. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4309-4319.	1.7	16
133	Role of <i>gpdh</i> and <i>leuB</i> on Lipid Accumulation in <i>Mucor circinelloides</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4245-4251.	2.4	16
134	Slc25a5 regulates adipogenesis by modulating ERK signaling in OP9 cells. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 11.	2.7	16
135	Malignant progenitors from patients with CD87+ acute myelogenous leukemia are sensitive to a diphtheria toxin-urokinase fusion protein. <i>Experimental Hematology</i> , 2002, 30, 1316-1323.	0.2	15
136	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.	1.7	15
137	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.	1.7	14
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