

Yong Q Chen

List of Publications by Citations

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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	Multi-targeted therapy of cancer by omega-3 fatty acids. <i>Cancer Letters</i> , 2008 , 269, 363-77	9.9	283
205	Modulation of prostate cancer genetic risk by omega-3 and omega-6 fatty acids. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1866-75	15.9	193
204	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
203	Elevated 12-lipoxygenase mRNA expression correlates with advanced stage and poor differentiation of human prostate cancer. <i>Urology</i> , 1995 , 46, 227-37	1.6	146
202	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
201	Epinephrine protects cancer cells from apoptosis via activation of cAMP-dependent protein kinase and BAD phosphorylation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 14094-100	5.4	132
200	Screening for potential new probiotic based on probiotic properties and β glucosidase inhibitory activity. <i>Food Control</i> , 2014 , 35, 65-72	6.2	107
199	Role of p21Waf1/Cip1/Sdi1 in cell death and DNA repair as studied using a tetracycline-inducible system in p53-deficient cells. <i>Oncogene</i> , 1997 , 14, 1875-82	9.2	105
198	Genome characterization of the oleaginous fungus <i>Mortierella alpina</i> . <i>PLoS ONE</i> , 2011 , 6, e28319	3.7	102
197	Mediation of the DCC apoptotic signal by DIP13 alpha. <i>Journal of Biological Chemistry</i> , 2002 , 277, 26281-5	5.4	95
196	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. <i>Scientific Reports</i> , 2017 , 8, 45840	4.9	92
195	Expression signature of the mouse prostate. <i>Journal of Biological Chemistry</i> , 2005 , 280, 36442-51	5.4	92
194	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
193	Lipids and prostate cancer. <i>Prostaglandins and Other Lipid Mediators</i> , 2012 , 98, 1-10	3.7	91
192	PTEN loss mediated Akt activation promotes prostate tumor growth and metastasis via CXCL12/CXCR4 signaling. <i>Molecular Cancer</i> , 2013 , 12, 85	42.1	91
191	The lipoxygenase metabolite 12(S)-HETE induces a cytoskeleton-dependent increase in surface expression of integrin alpha IIb beta 3 on melanoma cells. <i>International Journal of Cancer</i> , 1991 , 49, 774-86	7.5	89
190	Screening of lactic acid bacteria with potential protective effects against cadmium toxicity. <i>Food Control</i> , 2015 , 54, 23-30	6.2	80

189	Decorin suppresses prostate tumor growth through inhibition of epidermal growth factor and androgen receptor pathways. <i>Neoplasia</i> , 2009 , 11, 1042-53	6.4	80
188	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
187	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
186	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, 1327-38	4.8	75
185	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
184	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
183	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
182	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
181	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, 2091-8	3	70
180	Identification of a critical determinant that enables efficient fatty acid synthesis in oleaginous fungi. <i>Scientific Reports</i> , 2015 , 5, 11247	4.9	69
179	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
178	Mechanisms of omega-3 polyunsaturated fatty acids in prostate cancer prevention. <i>BioMed Research International</i> , 2013 , 2013, 824563	3	61
177	The lipoxygenase metabolite 12(S)-HETE promotes alpha IIb beta 3 integrin-mediated tumor-cell spreading on fibronectin. <i>International Journal of Cancer</i> , 1992 , 52, 594-603	7.5	61
176	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
175	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
174	Polyunsaturated fatty acid metabolism in prostate cancer. <i>Cancer and Metastasis Reviews</i> , 2011 , 30, 295-309	3.69	56
173	Analysis of a truncated form of cathepsin H in human prostate tumor cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 11533-8	5.4	56
172	Omega-3 Polyunsaturated Fatty Acids: The Way Forward in Times of Mixed Evidence. <i>BioMed Research International</i> , 2015 , 2015, 143109	3	54

171	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
170	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, 1518-24	4.6	53
169	Y-box-binding protein 1 confers EGF independence to human mammary epithelial cells. <i>Oncogene</i> , 2005 , 24, 3177-86	9.2	53
168	Syndecan-1-dependent suppression of PDK1/Akt/bad signaling by docosahexaenoic acid induces apoptosis in prostate cancer. <i>Neoplasia</i> , 2010 , 12, 826-36	6.4	52
167	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
166	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
165	Fatty acid modulation of tumor cell-platelet-vessel wall interaction. <i>Cancer and Metastasis Reviews</i> , 1992 , 11, 389-409	9.6	51
164	Myosin-cross-reactive antigens from four different lactic acid bacteria are fatty acid hydratases. <i>Biotechnology Letters</i> , 2013 , 35, 75-81	3	50
163	n-3 Polyunsaturated Fatty Acids and their Role in Cancer Chemoprevention. <i>Current Pharmacology Reports</i> , 2015 , 1, 283-294	5.5	48
162	Induction of apoptosis and G2/M cell cycle arrest by DCC. <i>Oncogene</i> , 1999 , 18, 2747-54	9.2	48
161	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	6.4	47
160	Ectopic expression of platelet integrin alphaIIb beta3 in tumor cells from various species and histological origin. <i>International Journal of Cancer</i> , 1997 , 72, 642-8	7.5	47
159	5-Oxo-ETE analogs and the proliferation of cancer cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005 , 1736, 228-36	5	47
158	Polyunsaturated fatty acids affect the localization and signaling of PIP3/AKT in prostate cancer cells. <i>Carcinogenesis</i> , 2013 , 34, 1968-75	4.6	46
157	Dietary fat-gene interactions in cancer. <i>Cancer and Metastasis Reviews</i> , 2007 , 26, 535-51	9.6	46
156	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, 147-52	7.5	45
155	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, 176-81	7.5	44
154	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

153	Membrane targeting by APPL1 and APPL2: dynamic scaffolds that oligomerize and bind phosphoinositides. <i>Traffic</i> , 2008 , 9, 215-29	5.7	43
152	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
151	How are the non-classically secreted bacterial proteins released into the extracellular milieu?. <i>Current Microbiology</i> , 2013 , 67, 688-95	2.4	41
150	Bacterial conjugated linoleic acid production and their applications. <i>Progress in Lipid Research</i> , 2017 , 68, 26-36	14.3	41
149	Effect of dietary polyunsaturated fatty acids on castration-resistant Pten-null prostate cancer. <i>Carcinogenesis</i> , 2012 , 33, 404-12	4.6	41
148	Alpha IIb beta 3 integrin expression and function in subpopulations of murine tumors. <i>Experimental Cell Research</i> , 1992 , 201, 23-32	4.2	41
147	Clostridium Butyricum CGMCC0313.1 Modulates Lipid Profile, Insulin Resistance and Colon Homeostasis in Obese Mice. <i>PLoS ONE</i> , 2016 , 11, e0154373	3.7	41
146	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
145	Molecular tools for gene manipulation in filamentous fungi. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 8063-8075	5.7	38
144	β fatty acid desaturases from microorganisms: structure, function, evolution, and biotechnological use. <i>Applied Microbiology and Biotechnology</i> , 2013 , 97, 10255-62	5.7	37
143	<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
142	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, e0137343	3.7	37
141	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
140	(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
139	Inhibition of pancreatic tumor cell growth in culture by p21WAF1 recombinant adenovirus. <i>Pancreas</i> , 1998 , 16, 107-13	2.6	36
138	In vitro fermentation of lactulose by human gut bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 10970-7	5.7	35
137	1,25-dihydroxyvitamin D(3) and PI3K/AKT inhibitors synergistically inhibit growth and induce senescence in prostate cancer cells. <i>Prostate</i> , 2010 , 70, 1658-71	4.2	35
136	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

135	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	3.8	34
134	Application of a delta-6 desaturase with linolenic acid preference on eicosapentaenoic acid production in <i>Mortierella alpina</i> . <i>Microbial Cell Factories</i> , 2016 , 15, 117	6.4	33
133	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
132	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
131	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
130	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, 8275-83	12.9	32
129	12-Lipoxygenase in A431 cells: genetic identity, modulation of expression, and intracellular localization. <i>Experimental Cell Research</i> , 1996 , 228, 197-205	4.2	30
128	<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
127	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, 18441-9	5.4	29
126	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
125	Therapeutic implications of innate immune system in acute pancreatitis. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 73-87	6.4	27
124	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
123	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, 3225-33	4.8	27
122	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
121	PTEN regulates PDGF ligand switch for PDGFR signaling in prostate cancer. <i>American Journal of Pathology</i> , 2012 , 180, 1017-1027	5.8	26
120	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
119	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
118	In vitro fermentation of fructooligosaccharides with human gut bacteria. <i>Food and Function</i> , 2015 , 6, 947-54	6.1	24

117	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, 163-7	4.6	24
116	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
115	Selection of single chain fragment variables with direct coating of aflatoxin B1 to enzyme-linked immunosorbent assay plates. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 8927-32	5.7	23
114	Phytanic acid, AMACR and prostate cancer risk. <i>Future Oncology</i> , 2006 , 2, 213-23	3.6	23
113	Insensitivity to growth inhibition by TGF-beta1 correlates with a lack of inhibition of the CDK2 activity in prostate carcinoma cells. <i>Oncogene</i> , 1998 , 17, 1549-56	9.2	22
112	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
111	Omega-3 free fatty acids inhibit tamoxifen-induced cell apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 459, 294-299	3.4	20
110	Application of a Δ 5 Desaturase with an Arachidonic Acid Preference to Eicosapentaenoic Acid Production in. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017 , 5, 89	5.8	20
109	Fatty acid metabolism: Implications for diet, genetic variation, and disease. <i>Food Bioscience</i> , 2013 , 4, 1-12.9	12.9	20
108	Expression and purification of integral membrane fatty acid desaturases. <i>PLoS ONE</i> , 2013 , 8, e58139	3.7	20
107	Biochemical characterization of the tetrahydrobiopterin synthesis pathway in the oleaginous fungus <i>Mortierella alpina</i> . <i>Microbiology (United Kingdom)</i> , 2011 , 157, 3059-3070	2.9	20
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, 1287-97	4.9	20
105	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
104	Effects of 20 standard amino acids on the growth, total fatty acids production, and Δ linolenic acid yield in <i>Mucor circinelloides</i> . <i>Current Microbiology</i> , 2014 , 69, 899-908	2.4	19
103	A new potential secretion pathway for recombinant proteins in <i>Bacillus subtilis</i> . <i>Microbial Cell Factories</i> , 2015 , 14, 179	6.4	19
102	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
101	Dietary supplementation of Δ 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
100	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

99	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
98	Maspin Expression in Prostate Tumor Cells Averts Stemness and Stratifies Drug Sensitivity. <i>Cancer Research</i> , 2015 , 75, 3970-9	10.1	15
97	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
96	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
95	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
94	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
93	Cathelicidins positively regulate pancreatic β cell functions. <i>FASEB Journal</i> , 2016 , 30, 884-94	0.9	14
92	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
91	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
90	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
89	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
88	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
87	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
86	Mining bifidobacteria from the neonatal gastrointestinal tract for conjugated linolenic acid production. <i>Bioengineered</i> , 2017 , 8, 232-238	5.7	13
85	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	3.7	13
84	Cellular model to assess the antioxidant activity of lactobacilli. <i>RSC Advances</i> , 2015 , 5, 37626-37634	3.7	12
83	Malignant progenitors from patients with CD87+ acute myelogenous leukemia are sensitive to a diphtheria toxin-urokinase fusion protein. <i>Experimental Hematology</i> , 2002 , 30, 1316-23	3.1	12
82	Maximum-biomass prediction of homofermentative <i>Lactobacillus</i> . <i>Journal of Bioscience and Bioengineering</i> , 2016 , 122, 52-7	3.3	12

81	RA and Ω 3 PUFA co-treatment activates autophagy in cancer cells. <i>Oncotarget</i> , 2017 , 8, 109135-109150	3.3	11
80	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
79	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
78	Omega-3 fatty acids and cancer risk. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 296, 282; author reply 282	27.4	11
77	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
76	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
75	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
74	Developing a mint yogurt enriched with omega-3 oil: Physicochemical, microbiological, rheological, and sensorial characteristics. <i>Journal of Food Processing and Preservation</i> , 2019 , 43, e14287	2.1	10
73	Prostate Cancer - Old Problems and New Approaches. (Part II. Diagnostic and Prognostic Markers, Pathology and Biological Aspects). <i>Pathology and Oncology Research</i> , 1996 , 2, 191-211	2.6	10
72	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
71	GPR120 is not required for Ω 3 PUFAs-induced cell growth inhibition and apoptosis in breast cancer cells. <i>Cell Biology International</i> , 2018 , 42, 180-186	4.5	9
70	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
69	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
68	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
67	Deficient expression of enhanced reactivation of parvovirus H-1 in ataxia telangiectasia cells irradiated with X-rays or u.v. light. <i>Carcinogenesis</i> , 1987 , 8, 315-9	4.6	9
66	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
65	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
64	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

63	Characterization of an fungal l-fucokinase involved in <i>Mortierella alpina</i> GDP-l-fucose salvage pathway. <i>Glycobiology</i> , 2016 , 26, 880-887	5.8	8
62	Lipid metabolism research in oleaginous fungus <i>Mortierella alpina</i> : Current progress and future prospects. <i>Biotechnology Advances</i> , 2021 , 107794	17.8	8
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