

Jian-Guo Jiang

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176
papers

5,315
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40
h-index

64
g-index

178
ext. papers

6,385
ext. citations

5.6
avg, IF

6.39
L-index

#	Paper	IF	Citations
176	Advancing oleaginous microorganisms to produce lipid via metabolic engineering technology. <i>Progress in Lipid Research</i> , 2013 , 52, 395-408	14.3	284
175	Osmotic adjustment and plant adaptation to environmental changes related to drought and salinity. <i>Environmental Reviews</i> , 2010 , 18, 309-319	4.5	206
174	Anti-ageing active ingredients from herbs and nutraceuticals used in traditional Chinese medicine: pharmacological mechanisms and implications for drug discovery. <i>British Journal of Pharmacology</i> , 2017 , 174, 1395-1425	8.6	161
173	Comparison of the sedative and hypnotic effects of flavonoids, saponins, and polysaccharides extracted from Semen Ziziphus jujube. <i>Natural Product Research</i> , 2007 , 21, 310-20	2.3	149
172	Biosynthesis and regulation of carotenoids in <i>Dunaliella</i> : progresses and prospects. <i>Biotechnology Advances</i> , 2008 , 26, 352-60	17.8	148
171	Osmotic responses of <i>Dunaliella</i> to the changes of salinity. <i>Journal of Cellular Physiology</i> , 2009 , 219, 251-8	8	133
170	Hydroxytyrosol and its potential therapeutic effects. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 1449-55	5.7	125
169	Preparation of lutein microencapsulation by complex coacervation method and its physicochemical properties and stability. <i>Food Hydrocolloids</i> , 2011 , 25, 1596-1603	10.6	116
168	Immunoregulatory actions of polysaccharides from Chinese herbal medicine. <i>Expert Opinion on Therapeutic Targets</i> , 2010 , 14, 1367-402	6.4	112
167	Optimum extraction process of polyphenols from the bark of <i>Phyllanthus emblica</i> L. based on the response surface methodology. <i>Journal of Separation Science</i> , 2009 , 32, 1437-44	3.4	107
166	Application of metabonomic analytical techniques in the modernization and toxicology research of traditional Chinese medicine. <i>British Journal of Pharmacology</i> , 2009 , 157, 1128-41	8.6	95
165	Preparation of a tea polyphenol nanoliposome system and its physicochemical properties. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 13004-11	5.7	93
164	Immune-enhancing activity of polysaccharides from <i>Hibiscus sabdariffa</i> Linn. via MAPK and NF- κ B signaling pathways in RAW264.7 cells. <i>Journal of Functional Foods</i> , 2017 , 34, 118-129	5.1	90
163	Response surface optimization of ultrasound-assisted flavonoids extraction from the flower of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <i>Journal of Separation Science</i> , 2010 , 33, 1349-55	3.4	87
162	Application of targeted drug delivery system in Chinese medicine. <i>Journal of Controlled Release</i> , 2009 , 138, 103-12	11.7	86
161	Chinese medicine and its modernization demands. <i>Archives of Medical Research</i> , 2008 , 39, 246-51	6.6	86
160	Structural characterization and immunomodulatory activity of novel polysaccharides from <i>Citrus aurantium</i> Linn. variant <i>amara</i> Engl. <i>Journal of Functional Foods</i> , 2017 , 35, 352-362	5.1	81

159	Chemical analysis and antioxidant activities in vitro of polysaccharide extracted from <i>Opuntia ficus indica</i> Mill. cultivated in China. <i>Carbohydrate Polymers</i> , 2010 , 82, 722-727	10.3	69
158	Bioactivities and extraction optimization of crude polysaccharides from the fruits and leaves of <i>Rubus chingii</i> Hu. <i>Carbohydrate Polymers</i> , 2015 , 130, 307-15	10.3	66
157	Curcumin liposomes prepared with milk fat globule membrane phospholipids and soybean lecithin. <i>Journal of Dairy Science</i> , 2016 , 99, 1780-1790	4	57
156	<i>Eclipta prostrata</i> L. phytochemicals: isolation, structure elucidation, and their antitumor activity. <i>Food and Chemical Toxicology</i> , 2012 , 50, 4016-22	4.7	57
155	Analysis of the adverse reactions induced by natural product-derived drugs. <i>British Journal of Pharmacology</i> , 2010 , 159, 1374-91	8.6	57
154	Continuous cultivation of <i>Dunaliella salina</i> in photobioreactor for the production of β -carotene. <i>European Food Research and Technology</i> , 2008 , 227, 953-959	3.4	57
153	Pharmacological and Nutritional Effects of Natural Coumarins and Their Structure-Activity Relationships. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1701073	5.9	56
152	Preparation and physicochemical characteristics of an allicin nanoliposome and its release behavior. <i>LWT - Food Science and Technology</i> , 2014 , 57, 686-695	5.4	56
151	Origin and concept of medicine food homology and its application in modern functional foods. <i>Food and Function</i> , 2013 , 4, 1727-41	6.1	55
150	In vitro antioxidant activities of the polysaccharides from <i>Pleurotus tuber-regium</i> (Fr.) Sing. <i>Food Chemistry</i> , 2014 , 148, 351-6	8.5	54
149	Antidepressant active ingredients from herbs and nutraceuticals used in TCM: pharmacological mechanisms and prospects for drug discovery. <i>Pharmacological Research</i> , 2019 , 150, 104520	10.2	53
148	Health functions and structure-activity relationships of natural anthraquinones from plants. <i>Food and Function</i> , 2018 , 9, 6063-6080	6.1	52
147	Flavonoid glycosides from <i>Rubus chingii</i> Hu fruits display anti-inflammatory activity through suppressing MAPKs activation in macrophages. <i>Journal of Functional Foods</i> , 2015 , 18, 235-243	5.1	51
146	Active ingredients of traditional Chinese medicine in the treatment of diabetes and diabetic complications. <i>Expert Opinion on Investigational Drugs</i> , 2012 , 21, 1625-42	5.9	49
145	Effects of salinity changes on the growth of <i>Dunaliella salina</i> and its isozyme activities of glycerol-3-phosphate dehydrogenase. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 6178-82	5.7	49
144	Effects of seasonal succession and water pollution on the protozoan community structure in an eutrophic lake. <i>Chemosphere</i> , 2007 , 66, 523-32	8.4	48
143	Toxicity evaluation of two typical surfactants to <i>Dunaliella bardawil</i> , an environmentally tolerant alga. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 426-33	3.8	44
142	High-value bioproducts from microalgae: Strategies and progress. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 2423-2441	11.5	44

141	Isolation and identification of compounds from <i>Penthorum chinense</i> Pursh with antioxidant and antihepatocarcinoma properties. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11097-103	5.7	43
140	Extraction optimisation of daphnoretin from root bark of <i>Wikstroemia indica</i> (L.) C.A. and its anti-tumour activity tests. <i>Food Chemistry</i> , 2011 , 124, 1500-1506	8.5	42
139	Carotenoids biosynthesis and cleavage related genes from bacteria to plants. <i>Critical Reviews in Food Science and Nutrition</i> , 2018 , 58, 2314-2333	11.5	40
138	Ultrasound-enhanced and microwave-assisted extraction of lipid from <i>Dunaliella tertiolecta</i> and fatty acid profile analysis. <i>Journal of Separation Science</i> , 2014 , 37, 2991-9	3.4	40
137	Isolation and characterization of phytoene desaturase cDNA involved in the beta-carotene biosynthetic pathway in <i>Dunaliella salina</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5593-7	5.7	40
136	Lipid Accumulation Mechanisms in Auto- and Heterotrophic Microalgae. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8099-8110	5.7	39
135	Separation and purification of saponins from <i>Semen Ziziphus jujuba</i> and their sedative and hypnotic effects. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 1175-80	4.8	39
134	Renal toxic ingredients and their toxicology from traditional Chinese medicine. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 149-59	5.5	38
133	Effects of salinities on the gene expression of a (NAD ⁺)-dependent glycerol-3-phosphate dehydrogenase in <i>Dunaliella salina</i> . <i>Science of the Total Environment</i> , 2011 , 409, 1291-7	10.2	38
132	Immune enhancement effects and extraction optimization of polysaccharides from <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <i>Food and Function</i> , 2017 , 8, 796-807	6.1	37
131	Comparative GC/MS analysis of essential oils extracted by 3 methods from the bud of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <i>Journal of Food Science</i> , 2011 , 76, C1219-25	3.4	35
130	Cloning and sequence analysis of the phytoene synthase gene from a unicellular chlorophyte, <i>Dunaliella salina</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 1466-9	5.7	34
129	Hepatoprotective function of <i>Penthorum chinense</i> Pursh. <i>Food and Function</i> , 2013 , 4, 1581-5	6.1	33
128	Ultrasound-Enhanced Subcritical CO ₂ Extraction of Lutein from <i>Chlorella pyrenoidosa</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 4597-605	5.7	32
127	Anti-inflammatory activities of essential oil isolated from the calyx of <i>Hibiscus sabdariffa</i> L. <i>Food and Function</i> , 2016 , 7, 4451-4459	6.1	32
126	Functional analyses on antioxidant, anti-inflammatory, and antiproliferative effects of extracts and compounds from <i>Ilex latifolia</i> Thunb., a Chinese bitter tea. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 8608-15	5.7	32
125	Characterization of water and alkali-soluble polysaccharides from <i>Pleurotus tuber-regium</i> sclerotia. <i>Carbohydrate Polymers</i> , 2013 , 96, 284-90	10.3	32
124	Implications of glycerol metabolism for lipid production. <i>Progress in Lipid Research</i> , 2017 , 68, 12-25	14.3	31

123	Optimization of ultrasonic-assisted extraction of total saponins from <i>Eclipta prostrata</i> L. using response surface methodology. <i>Journal of Food Science</i> , 2012 , 77, C975-82	3.4	31
122	Development of a new biotic index to assess freshwater pollution. <i>Environmental Pollution</i> , 2006 , 139, 306-17	9.3	31
121	Optimization of the microwave-assisted extraction conditions of tea polyphenols from green tea. <i>International Journal of Food Sciences and Nutrition</i> , 2010 , 61, 837-45	3.7	30
120	Ultrasound-enhanced subcritical water extraction of essential oils from <i>Kaempferia galangal</i> L. and their comparative antioxidant activities. <i>Separation and Purification Technology</i> , 2015 , 150, 73-79	8.3	29
119	Toxic effects of chemical pesticides (trichlorfon and dimehypo) on <i>Dunaliella salina</i> . <i>Chemosphere</i> , 2011 , 84, 664-70	8.4	29
118	Bioactivity evaluation of ingredients identified from the fruits of <i>Amomum tsaoko</i> Crevost et Lemaire, a Chinese spice. <i>Food and Function</i> , 2014 , 5, 1747-54	6.1	28
117	Chinese medicines with sedative-hypnotic effects and their active components. <i>Sleep Medicine Reviews</i> , 2016 , 29, 108-18	10.2	27
116	Anti-inflammatory Effect of Essential Oil from <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8586-8594	5.7	27
115	Characterization of malic enzyme and the regulation of its activity and metabolic engineering on lipid production. <i>RSC Advances</i> , 2015 , 5, 45558-45570	3.7	27
114	Antioxidant and anti-tumour evaluation of compounds identified from fruit of <i>Amomum tsaoko</i> Crevost et Lemaire. <i>Journal of Functional Foods</i> , 2015 , 18, 423-431	5.1	26
113	Bioactive components and pharmacological action of <i>Wikstroemia indica</i> (L.) C. A. Mey and its clinical application. <i>Current Pharmaceutical Biotechnology</i> , 2009 , 10, 743-52	2.6	26
112	Estimation of the natural purification rate of a eutrophic lake after pollutant removal. <i>Ecological Engineering</i> , 2006 , 28, 166-173	3.9	25
111	Effects of diosgenin and its derivatives on atherosclerosis. <i>Food and Function</i> , 2019 , 10, 7022-7036	6.1	25
110	<i>Citrus aurantium</i> L. var. <i>amara</i> Engl. inhibited lipid accumulation in 3T3-L1 cells and <i>Caenorhabditis elegans</i> and prevented obesity in high-fat diet-fed mice. <i>Pharmacological Research</i> , 2019 , 147, 104347	10.2	24
109	Hypoosmotic expression of <i>Dunaliella bardawil</i> β -carotene desaturase is attributed to a hypoosmolarity-responsive element different from other key carotenogenic genes. <i>Plant Physiology</i> , 2014 , 165, 359-72	6.6	24
108	Antioxidant and anticomplement functions of flavonoids extracted from <i>Penthorum chinense</i> Pursh. <i>Food and Function</i> , 2013 , 4, 1811-8	6.1	24
107	Effects of ultrasound combined with ozone on the degradation of organophosphorus pesticide residues on lettuce. <i>RSC Advances</i> , 2015 , 5, 45622-45630	3.7	24
106	Hepatoprotective effect of flavonoids from <i>Cirsium japonicum</i> DC on hepatotoxicity in comparison with silymarin. <i>Food and Function</i> , 2016 , 7, 2179-84	6.1	24

105	Effects of thoningianin A in natural foods on apoptosis and cell cycle arrest of HepG-2 human hepatocellular carcinoma cells. <i>Food and Function</i> , 2015 , 6, 2588-97	6.1	23
104	Inhibiting Lycopene Cyclases to Accumulate Lycopene in High β -Carotene-Accumulating <i>Dunaliella bardawil</i> . <i>Food and Bioprocess Technology</i> , 2016 , 9, 1002-1009	5.1	23
103	Comparative analysis on the key enzymes of the glycerol cycle metabolic pathway in <i>Dunaliella salina</i> under osmotic stresses. <i>PLoS ONE</i> , 2012 , 7, e37578	3.7	23
102	Use of the aquatic protozoa to formulate a community biotic index for an urban water system. <i>Science of the Total Environment</i> , 2005 , 346, 99-111	10.2	23
101	Analysis of carotenogenic genes promoters and WRKY transcription factors in response to salt stress in <i>Dunaliella bardawil</i> . <i>Scientific Reports</i> , 2017 , 7, 37025	4.9	22
100	Polyphenols from Blossoms of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. Show Significant Anti-Complement and Anti-Inflammatory Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 9061-9068	5.7	21
99	Bioactivity evaluations of ingredients extracted from the flowers of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <i>Food Chemistry</i> , 2012 , 135, 2175-81	8.5	21
98	In silico analysis of phytoene synthase and its promoter reveals hints for regulation mechanisms of carotenogenesis in <i>Dunaliella bardawil</i> . <i>Bioinformatics</i> , 2011 , 27, 2201-8	7.2	21
97	Identification of luteolin 7-O- β -glucuronide from <i>Cirsium japonicum</i> and its anti-inflammatory mechanism. <i>Journal of Functional Foods</i> , 2018 , 46, 521-528	5.1	20
96	Regulation effect of polysaccharides from <i>Pleurotus tuber-regium</i> (Fr.) on the immune activity of mice macrophages. <i>Food and Function</i> , 2014 , 5, 337-44	6.1	20
95	Bioactive components and functional properties of <i>Hottuyia cordata</i> and its applications. <i>Pharmaceutical Biology</i> , 2009 , 47, 1154-1161	3.8	20
94	The metabolomics of carotenoids in engineered cell factory. <i>Applied Microbiology and Biotechnology</i> , 2009 , 83, 989-99	5.7	19
93	Characterization of cDNA of lycopene beta-cyclase responsible for a high level of beta-carotene accumulation in <i>Dunaliella salina</i> . <i>Biochemistry and Cell Biology</i> , 2008 , 86, 285-92	3.6	19
92	Tormentric acid in foods exerts anti-proliferation efficacy through inducing apoptosis and cell cycle arrest. <i>Journal of Functional Foods</i> , 2015 , 19, 575-583	5.1	18
91	Antioxidant and anti-inflammatory effects of polyphenols extracted from <i>Thunb.</i> . <i>RSC Advances</i> , 2018 , 8, 7134-7141	3.7	18
90	Assessment of the effects of nutrients on biomass and lipid accumulation in <i>Dunaliella tertiolecta</i> using a response surface methodology. <i>RSC Advances</i> , 2014 , 4, 42202-42210	3.7	18
89	Various Antioxidant Effects Were Attributed to Different Components in the Dried Blossoms of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 6087-6092	5.7	18
88	Hypolipidemic Components from Medicine Food Homology Species Used in China: Pharmacological and Health Effects. <i>Archives of Medical Research</i> , 2017 , 48, 569-581	6.6	18

87	Bioactive comparison of main components from unripe fruits of <i>Rubus chingii</i> Hu and identification of the effective component. <i>Food and Function</i> , 2015 , 6, 2205-14	6.1	18
86	Isolation and identification of ingredients inducing cancer cell death from the seeds of <i>Alpinia galanga</i> , a Chinese spice. <i>Food and Function</i> , 2015 , 6, 431-43	6.1	18
85	Typical toxic components in traditional Chinese medicine. <i>Expert Opinion on Drug Safety</i> , 2012 , 11, 985-1002	10.2	18
84	Comparative antitumor and anti-inflammatory effects of flavonoids, saponins, polysaccharides, essential oil, coumarin and alkaloids from <i>Cirsium japonicum</i> DC. <i>Food and Chemical Toxicology</i> , 2019 , 125, 422-429	4.7	17
83	Concentration and Drying of Tea Polyphenols Extracted from Green Tea Using Molecular Distillation and Spray Drying. <i>Drying Technology</i> , 2011 , 29, 584-590	2.6	17
82	Proteomics and syndrome of Chinese medicine. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2721-8	5.6	17
81	Comparative extraction processes, volatile compounds analysis and antioxidant activities of essential oils from <i>Cirsium japonicum</i> Fisch. ex DC and <i>Cirsium setosum</i> (Willd.) M.Bieb. <i>LWT - Food Science and Technology</i> , 2016 , 68, 595-605	5.4	16
80	Efficacy evaluation of a Chinese bitter tea (<i>Ilex latifolia</i> Thunb.) via analyses of its main components. <i>Food and Function</i> , 2014 , 5, 876-81	6.1	16
79	Neuroprotective and Anti-Inflammatory Effects of Diphenylheptanes from the Fruits of <i>Amomum tsaoko</i> , a Chinese Spice. <i>Plant Foods for Human Nutrition</i> , 2016 , 71, 450-453	3.9	16
78	Transcriptomic insights into the heat stress response of <i>Dunaliella bardawil</i> . <i>Enzyme and Microbial Technology</i> , 2020 , 132, 109436	3.8	16
77	Effects of Salt Concentrations and Nitrogen and Phosphorus Starvations on Neutral Lipid Contents in the Green Microalga <i>Dunaliella tertiolecta</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 3190-3197	5.7	15
76	Analyses on Essential Oil Components from the Unripe Fruits of <i>Rubus chingii</i> Hu by Different Methods and Their Comparative Cytotoxic and Anti-complement Activities. <i>Food Analytical Methods</i> , 2015 , 8, 937-944	3.4	15
75	The salt-regulated element in the promoter of lycopene β -cyclase gene confers a salt regulatory pattern in carotenogenesis of <i>Dunaliella bardawil</i> . <i>Environmental Microbiology</i> , 2017 , 19, 982-989	5.2	15
74	Molecular phylogenies and evolution of crt genes in algae. <i>Critical Reviews in Biotechnology</i> , 2007 , 27, 77-91	9.4	15
73	Origin and evolution of China Pharmacopoeia and its implication for traditional medicines. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015 , 15, 595-603	3.2	15
72	Protective effects of plant-derived flavonoids on hepatic injury. <i>Journal of Functional Foods</i> , 2018 , 44, 283-291	5.1	14
71	Extraction of antioxidant and antiproliferative ingredients from fruits of Hu by active tracking guidance. <i>MedChemComm</i> , 2017 , 8, 1673-1680	5	14
70	Evaluation of multi-activities of 14 edible species from Zingiberaceae. <i>International Journal of Food Sciences and Nutrition</i> , 2013 , 64, 28-35	3.7	14

69	Two-Stage Cultivation of <i>Dunaliella tertiolecta</i> with Glycerol and Triethylamine for Lipid Accumulation: a Viable Way To Alleviate the Inhibitory Effect of Triethylamine on Biomass. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	14
68	Characterization and Functional Identification of a Gene Encoding Geranylgeranyl Diphosphate Synthase from <i>Dunaliella bardawil</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 7805-12	5.7	13
67	Comparative antioxidant, anticancer and antimicrobial activities of essential oils from Semen <i>Platycladi</i> by different extraction methods. <i>Industrial Crops and Products</i> , 2020 , 146, 112206	5.9	13
66	Anti-fatigue Effects of Active Ingredients from Traditional Chinese Medicine: A Review. <i>Current Medicinal Chemistry</i> , 2019 , 26, 1833-1848	4.3	13
65	Functional Components from Nature-Derived Drugs for the Treatment of Rheumatoid Arthritis. <i>Current Drug Targets</i> , 2016 , 17, 1673-1686	3	13
64	Cultivation of <i>Dunaliella tertiolecta</i> intervened by triethylamine enhances the lipid content. <i>Algal Research</i> , 2017 , 25, 136-141	5	12
63	Identification of bioactives from L.f. and their antioxidant, anti-inflammatory and anti-proliferative effects. <i>Journal of Food Science and Technology</i> , 2017 , 54, 4315-4323	3.3	12
62	Effect of Ca ²⁺ channel block on glycerol metabolism in <i>Dunaliella salina</i> under hypoosmotic and hyperosmotic stresses. <i>PLoS ONE</i> , 2011 , 6, e28613	3.7	12
61	Characterization and expression of AMP-forming Acetyl-CoA Synthetase from <i>Dunaliella tertiolecta</i> and its response to nitrogen starvation stress. <i>Scientific Reports</i> , 2016 , 6, 23445	4.9	12
60	Comparison of the Effects and Inhibitory Pathways of the Constituents from <i>Gynostemma pentaphyllum</i> against LPS-Induced Inflammatory Response. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 11337-11346	5.7	12
59	Sodium azide intervention, salinity stress and two-step cultivation of <i>Dunaliella tertiolecta</i> for lipid accumulation. <i>Enzyme and Microbial Technology</i> , 2019 , 127, 1-5	3.8	11
58	Protective effect of compounds from the flowers of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl against carbon tetrachloride-induced hepatocyte injury. <i>Food and Chemical Toxicology</i> , 2013 , 62, 432-5	4.7	11
57	Functional Identification of Two Types of Carotene Hydroxylases from the Green Alga Rich in Lutein. <i>ACS Synthetic Biology</i> , 2020 , 9, 1246-1253	5.7	10
56	Apigenin-7-O- β -glucuronide inhibits modified low-density lipoprotein uptake and foam cell formation in macrophages. <i>Journal of Functional Foods</i> , 2017 , 35, 615-621	5.1	10
55	Reduction of methanol in brewed wine by the use of atmospheric and room-temperature plasma method and the combination optimization of malt with different adjuncts. <i>Journal of Food Science</i> , 2014 , 79, M2308-14	3.4	10
54	Analysis of an essential carotenogenic enzyme: β -carotene desaturase from unicellular Alga <i>Dunaliella salina</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 11477-82	5.7	10
53	The bifunctional identification of both lycopene β and γ cyclases from the lutein-rich <i>Dunaliella bardawil</i> . <i>Enzyme and Microbial Technology</i> , 2019 , 131, 109426	3.8	9
52	Transgenic microalgae as bioreactors. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 60, 3195-3213	11.5	9

51	The sources of solidoside and its targeting for multiple chronic diseases. <i>Journal of Functional Foods</i> , 2020 , 64, 103648	5.1	9
50	Identification of narciclasine from <i>Lycoris radiata</i> (L'Her.) Herb. and its inhibitory effect on LPS-induced inflammatory responses in macrophages. <i>Food and Chemical Toxicology</i> , 2019 , 125, 605-613	4.7	8
49	Phosphatidic acid phosphatase and diacylglycerol acyltransferase: potential targets for metabolic engineering of microorganism oil. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 3067-77	5.7	8
48	Bergaptol from blossoms of <i>Citrus aurantium</i> L. var. amara Engl inhibits LPS-induced inflammatory responses and ox-LDL-induced lipid deposition. <i>Food and Function</i> , 2020 , 11, 4915-4926	6.1	7
47	Protective effects of diphenylheptanes from <i>Curcuma phaeocaulis</i> Val. on H ₂ O ₂ induced cell injury. <i>Food and Function</i> , 2014 , 5, 1369-73	6.1	7
46	Application of gene differential expression technology in the mechanism studies of nature product-derived drugs. <i>Expert Opinion on Biological Therapy</i> , 2012 , 12, 823-39	5.4	7
45	Application and validation of a new biotic index using data from several water systems. <i>Journal of Environmental Monitoring</i> , 2003 , 5, 871-5		7
44	Potential roles of dietary flavonoids from <i>Citrus aurantium</i> L. var. amara Engl. in atherosclerosis development. <i>Food and Function</i> , 2020 , 11, 561-571	6.1	7
43	Gypenoside LVI attenuates foam cell formation by promoting cholesterol export and inhibiting inflammation response. <i>Journal of Functional Foods</i> , 2018 , 50, 71-77	5.1	7
42	Targets and underlying mechanisms related to the sedative and hypnotic activities of saponin extracts from semen <i>Ziziphus jujube</i> . <i>Food and Function</i> , 2020 , 11, 3895-3903	6.1	6
41	Induction of carotenoid cleavage by salt stress and the effect of their products on cell growth and pigment accumulation in <i>Dunaliella</i> sp. FACHB-847. <i>Algal Research</i> , 2020 , 48, 101901	5	6
40	Isolation and identification of four antioxidants from <i>Rhodiola crenulata</i> and evaluation of their UV photoprotection capacity in vitro. <i>Journal of Functional Foods</i> , 2020 , 66, 103825	5.1	6
39	cDNA for phytoene desaturase in <i>Dunaliella salina</i> and its expressed protein as indicators of phylogenetic position of the β -carotene biosynthetic pathway. <i>Journal of the Science of Food and Agriculture</i> , 2007 , 87, 1772-1777	4.3	6
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