

Jian-Guo Jiang

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.

176
papers

5,315
citations

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	The neuroprotective effects of formononetin: Signaling pathways and molecular targets. <i>Journal of Functional Foods</i> , 2022 , 88, 104911	5.1	1
175	Role of polyphenols from <i>Polygonum multiflorum</i> Caulis in obesity-related disorders.. <i>Journal of Ethnopharmacology</i> , 2022 , 115378	5	3
174	Improvement effects of esculletin on the formation and development of atherosclerosis. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 113001	7.5	1
173	Marmin from the blossoms of <i>Citrus maxima</i> (Burm.) Merr. exerts lipid-lowering effect via inducing 3T3-L1 preadipocyte apoptosis. <i>Journal of Functional Foods</i> , 2021 , 82, 104513	5.1	
172	Targets and underlying mechanisms related to the sedative and hypnotic activities of saponins from <i>L. (crassulaceae)</i> . <i>Food and Function</i> , 2021 , 12, 10589-10601	6.1	2
171	Flavonoids from <i>Pall.</i> fruits prevent high-fat diet-induced obesity and liver injury modulation of the gut microbiota in mice. <i>Food and Function</i> , 2021 , 12, 10097-10106	6.1	2
170	Regulation of carotenoid degradation and production of apocarotenoids in natural and engineered organisms. <i>Critical Reviews in Biotechnology</i> , 2021 , 41, 513-534	9.4	5
169	Inhibitory effect of chloroform extracts from <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. on fat accumulation. <i>Phytomedicine</i> , 2021 , 90, 153634	6.5	2
168	Structural characterization of novel arabinoxylan and galactoarabinan from citron with potential antitumor and immunostimulatory activities. <i>Carbohydrate Polymers</i> , 2021 , 269, 118331	10.3	4
167	Creatinine combined with light increases the contents of lutein and β -carotene, the main carotenoids of <i>Dunaliella bardawil</i> . <i>Enzyme and Microbial Technology</i> , 2021 , 151, 109913	3.8	1
166	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
165	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
164	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
163	Bergaptol from blossoms of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl inhibits LPS-induced inflammatory responses and ox-LDL-induced lipid deposition. <i>Food and Function</i> , 2020 , 11, 4915-4926	6.1	7
162	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
161	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
160	Intervention of triethylamine on <i>Dunaliella tertiolecta</i> reveals metabolic insights into triacylglycerol accumulation. <i>Algal Research</i> , 2020 , 47, 101876	5	2

159	Natural Products with Analgesic Effect from Herbs and Nutraceuticals Used in Traditional Chinese Medicines. <i>Current Molecular Medicine</i> , 2020 , 20, 461-483	2.5	1
158	Transgenic microalgae as bioreactors. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 60, 3195-3213	11.5	9
157	Potential roles of dietary flavonoids from <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. in atherosclerosis development. <i>Food and Function</i> , 2020 , 11, 561-571	6.1	7
156	The sources of salidroside and its targeting for multiple chronic diseases. <i>Journal of Functional Foods</i> , 2020 , 64, 103648	5.1	9
155	Saponin extracts from <i>Gynostemma pentaphyllum</i> (Thunb.) Makino display sedative-hypnotic and anxiolytic effects. <i>Industrial Crops and Products</i> , 2020 , 157, 112893	5.9	3
154	Extraction optimization and adsorption isotherm kinetics of polyphenols from blossoms of <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <i>Separation Science and Technology</i> , 2020 , 55, 886-895	2.5	1
153	Transcriptomic insights into the heat stress response of <i>Dunaliella bardawil</i> . <i>Enzyme and Microbial Technology</i> , 2020 , 132, 109436	3.8	16
152	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
151	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
150	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
149	Effects of triethylamine on the expression patterns of two G3PDHs and lipid accumulation in <i>Dunaliella tertiolecta</i> . <i>Enzyme and Microbial Technology</i> , 2019 , 127, 17-21	3.8	2
148	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
147	<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
146	Anti-fatigue Effects of Active Ingredients from Traditional Chinese Medicine: A Review. <i>Current Medicinal Chemistry</i> , 2019 , 26, 1833-1848	4.3	13
145	Inhibitory effects of multi-components from <i>Gynostemma pentaphyllum</i> (Thunb.) Makino on macrophage foam cell formation exhibit multi-target characteristics. <i>Journal of Functional Foods</i> , 2019 , 60, 103451	5.1	5
144	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
143	Effects of diosgenin and its derivatives on atherosclerosis. <i>Food and Function</i> , 2019 , 10, 7022-7036	6.1	25
142	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

141	High-value bioproducts from microalgae: Strategies and progress. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 2423-2441	11.5	44
140	Polyphenols from Thunb. (a Chinese bitter tea) exert anti-atherosclerotic activity through suppressing NF- κ B activation and phosphorylation of ERK1/2 in macrophages. <i>MedChemComm</i> , 2018 , 9, 254-263	5	5
139	Protective effects of plant-derived flavonoids on hepatic injury. <i>Journal of Functional Foods</i> , 2018 , 44, 283-291	5.1	14
138	Antioxidant and anti-inflammatory effects of polyphenols extracted from Thunb.. <i>RSC Advances</i> , 2018 , 8, 7134-7141	3.7	18
137	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
136	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
135	Identification of luteolin 7-O- β -D-glucuronide from <i>Cirsium japonicum</i> and its anti-inflammatory mechanism. <i>Journal of Functional Foods</i> , 2018 , 46, 521-528	5.1	20
134	Health functions and structure-activity relationships of natural anthraquinones from plants. <i>Food and Function</i> , 2018 , 9, 6063-6080	6.1	52
133	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
132	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
131	Bioassay-guided isolation and identification of anticancer and antioxidant compounds from (Thunb.) Makino.. <i>RSC Advances</i> , 2018 , 8, 23181-23190	3.7	1
130	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
129	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
128	Cultivation of <i>Dunaliella tertiolecta</i> intervened by triethylamine enhances the lipid content. <i>Algal Research</i> , 2017 , 25, 136-141	5	12
127	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
126	Construction, expression and characterization of a fusion protein HBscFv-IFN γ in <i>Komagatella (Pichia) pastoris</i> X33. <i>Enzyme and Microbial Technology</i> , 2017 , 102, 74-81	3.8	4
125	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
124	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

123	Polyphenols from Blossoms of <i>Citrus aurantium</i> L. var. amara Engl. Show Significant Anti-Complement and Anti-Inflammatory Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 9061-9068	5.7	21
122	Lipid Accumulation Mechanisms in Auto- and Heterotrophic Microalgae. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8099-8110	5.7	39
121	Anti-inflammatory Effect of Essential Oil from <i>Citrus aurantium</i> L. var. amara Engl. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8586-8594	5.7	27
120	Extraction of antioxidant and antiproliferative ingredients from fruits of Hu by active tracking guidance. <i>MedChemComm</i> , 2017 , 8, 1673-1680	5	14
119	Implications of glycerol metabolism for lipid production. <i>Progress in Lipid Research</i> , 2017 , 68, 12-25	14.3	31
118	Comparative toxic effects of butylparaben sodium, sodium diacetate and potassium sorbate to <i>Dunaliella tertiolecta</i> and HL7702 cells. <i>Food and Function</i> , 2017 , 8, 4478-4486	6.1	5
117	Apigenin-7-O- β -D-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
116	Various Antioxidant Effects Were Attributed to Different Components in the Dried Blossoms of <i>Citrus aurantium</i> L. var. amara Engl. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 6087-6092	5.7	18
115	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
114	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
113	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
112	Structural characterization and immunomodulatory activity of novel polysaccharides from <i>Citrus aurantium</i> Linn. variant amara Engl. <i>Journal of Functional Foods</i> , 2017 , 35, 352-362	5.1	81
111	Using EGFP as a reporter to confirm the function of phytoene desaturase promoter in <i>Dunaliella bardawil</i> . <i>Algal Research</i> , 2016 , 20, 16-21	5	2
110	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
109	Curcumin liposomes prepared with milk fat globule membrane phospholipids and soybean lecithin. <i>Journal of Dairy Science</i> , 2016 , 99, 1780-1790	4	57
108	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
107	Plant species forbidden in health food and their toxic constituents, toxicology and detoxification. <i>Food and Function</i> , 2016 , 7, 643-64	6.1	2
106	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

105	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
104	Chinese medicines with sedative-hypnotic effects and their active components. <i>Sleep Medicine Reviews</i> , 2016 , 29, 108-18	10.2	27
103	Functional Components from Nature-Derived Drugs for the Treatment of Rheumatoid Arthritis. <i>Current Drug Targets</i> , 2016 , 17, 1673-1686	3	13
102	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
101	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
100	Characterization and nitrogen deficiency response of ATP-citrate lyase from unicellular alga <i>Dunaliella tertiolecta</i> . <i>Algal Research</i> , 2016 , 20, 77-86	5	1
99	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 Reports</i> , 2016 , 19, 982	3.7	
98	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
97	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
96	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
95	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
94	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
93	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
92	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
91	Tormentonic 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
90	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
89	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
88	Mutation breeding of <i>Saccharomyces cerevisiae</i> with lower methanol content and the effects of pectinase, cellulase and glycine in sugar cane spirits. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 1949-55	4.3	2

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	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
85	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
84	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
83	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
82	Anti-inflammatory, antioxidant and antitumor activities of ingredients of <i>Curcuma phaeocaulis</i> Val. <i>EXCLI Journal</i> , 2015 , 14, 706-13	2.4	3
81	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
80	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
79	Hydroxytyrosol and its potential therapeutic effects. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 1449-55	5.7	125
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	Characterization and expression patterns of nitrate reductase from <i>Dunaliella bardawil</i> under osmotic stress and dilution shock. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 173, 1274-92	3.2	4
70	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

69	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
68	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
67	Application of fluorescently labeled tracer technique for detection of natural active macromolecules in Chinese medicine. <i>Drug Metabolism Reviews</i> , 2014 , 46, 57-71	7	3
66	Advancing oleaginous microorganisms to produce lipid via metabolic engineering technology. <i>Progress in Lipid Research</i> , 2013 , 52, 395-408	14.3	284
65	Application of enzymatic method in the extraction and transformation of natural botanical active ingredients. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 169, 923-40	3.2	5
64	Hepatoprotective function of <i>Penthorum chinense</i> Pursh. <i>Food and Function</i> , 2013 , 4, 1581-5	6.1	33
63	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
62	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
61	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
60	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
59	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
58	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
57	Potential cardiovascular system-protective effects of flavan-3-ol. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1693-4	5.9	
56	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
55	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
54	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
53	<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
52	Six regulatory elements lying in the promoter region imply the functional diversity of chloroplast GAPDH in <i>Dunaliella bardawil</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 9211-20	5.7	2

51	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
50	Typical toxic components in traditional Chinese medicine. <i>Expert Opinion on Drug Safety</i> , 2012 , 11, 985-1002	10.2	18
49	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
48	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
47	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
46	Extraction of brown pigment from <i>Rosa laevigata</i> and its antioxidant activities. <i>Pharmaceutical Biology</i> , 2011 , 49, 734-40	3.8	5
45	Structural and phylogenetic analysis of a novel β -carotene desaturase from <i>Dunaliella bardawil</i> , a unicellular alga that accumulates large amounts of β -carotene. <i>Limnology and Oceanography</i> , 2011 , 56, 133-138	4.8	5
44	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
43	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
42	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
41	Toxic effects of chemical pesticides (trichlorfon and dimehypo) on <i>Dunaliella salina</i> . <i>Chemosphere</i> , 2011 , 84, 664-70	8.4	29
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