

# You-Jin Jeon

## List of Publications by Year in descending order

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475  
papers

20,743  
citations

9786

73  
h-index

20961

115  
g-index

480  
all docs

480  
docs citations

480  
times ranked

13810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant activities of enzymatic extracts from brown seaweeds. <i>Bioresource Technology</i> , 2005, 96, 1613-1623.	9.6	525
2	Biological activities and potential industrial applications of fucose rich sulfated polysaccharides and fucoidans isolated from brown seaweeds: A review. <i>Carbohydrate Polymers</i> , 2012, 88, 13-20.	10.2	366
3	Antiproliferative and antioxidant properties of an enzymatic hydrolysate from brown alga, <i>Ecklonia cava</i> . <i>Food and Chemical Toxicology</i> , 2006, 44, 1065-1074.	3.6	355
4	Evaluation of anti-inflammatory effect of fucoxanthin isolated from brown algae in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2010, 48, 2045-2051.	3.6	287
5	Enzyme-assistant extraction (EAE) of bioactive components: A useful approach for recovery of industrially important metabolites from seaweeds: A review. <i>FÅ-toterapÅ-Åç</i> , 2012, 83, 6-12.	2.2	262
6	Anti-inflammatory effects of fucoidan through inhibition of NF-Î±B, MAPK and Akt activation in lipopolysaccharide-induced BV2 microglia cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 1745-1752.	3.6	257
7	Effect of phlorotannins isolated from <i>Ecklonia cava</i> on melanogenesis and their protective effect against photo-oxidative stress induced by UV-B radiation. <i>Toxicology in Vitro</i> , 2009, 23, 1123-1130.	2.4	256
8	Fucoxanthin inhibits the inflammatory response by suppressing the activation of NF-Î±B and MAPKs in lipopolysaccharide-induced RAW 264.7 macrophages. <i>European Journal of Pharmacology</i> , 2010, 649, 369-375.	3.5	253
9	Antioxidant activities of phlorotannins purified from <i>Ecklonia cava</i> on free radical scavenging using ESR and H <sub>2</sub> O <sub>2</sub> -mediated DNA damage. <i>European Food Research and Technology</i> , 2007, 226, 71-79.	3.3	245
10	Improvement of functional properties of cod frame protein hydrolysates using ultrafiltration membranes. <i>Process Biochemistry</i> , 1999, 35, 471-478.	3.7	242
11	Bio-functionalities of proteins derived from marine algae â€” A review. <i>Food Research International</i> , 2012, 48, 948-960.	6.2	231
12	Particulate matter 2.5 damages skin cells by inducing oxidative stress, subcellular organelle dysfunction, and apoptosis. <i>Archives of Toxicology</i> , 2018, 92, 2077-2091.	4.2	230
13	Protective effect of fucoxanthin isolated from <i>Sargassum siliquastrum</i> on UV-B induced cell damage. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 95, 101-107.	3.8	229
14	Diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> , a brown algae, a potent Î±-glucosidase and Î±-amylase inhibitor, alleviates postprandial hyperglycemia in diabetic mice. <i>European Journal of Pharmacology</i> , 2009, 615, 252-256.	3.5	216
15	Anti-diabetic effects of brown algae derived phlorotannins, marine polyphenols through diverse mechanisms. <i>FÅ-toterapÅ-Åç</i> , 2013, 86, 129-136.	2.2	196
16	Phlorotannins in <i>Ecklonia cava</i> extract inhibit matrix metalloproteinase activity. <i>Life Sciences</i> , 2006, 79, 1436-1443.	4.3	192
17	An anticoagulative polysaccharide from an enzymatic hydrolysate of <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , 2006, 66, 184-191.	10.2	187
18	Anticoagulant activity of marine green and brown algae collected from Jeju Island in Korea. <i>Bioresource Technology</i> , 2007, 98, 1711-1716.	9.6	187

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19	Fucoxanthin induces apoptosis in human leukemia HL-60 cells through a ROS-mediated Bcl-xL pathway. <i>Toxicology in Vitro</i> , 2010, 24, 1648-1654.	2.4	183
20	Antioxidant Potential of Ecklonia cava on Reactive Oxygen Species Scavenging, Metal Chelating, Reducing Power and Lipid Peroxidation Inhibition. <i>Food Science and Technology International</i> , 2006, 12, 27-38.	2.2	178
21	Potential anti-inflammatory natural products from marine algae. <i>Environmental Toxicology and Pharmacology</i> , 2016, 48, 22-30.	4.0	166
22	Dieckol isolated from Ecklonia cava inhibits $\alpha$ -glucosidase and $\alpha$ -amylase in vitro and alleviates postprandial hyperglycemia in streptozotocin-induced diabetic mice. <i>Food and Chemical Toxicology</i> , 2010, 48, 2633-2637.	3.6	165
23	FTIR characterization and antioxidant activity of water soluble crude polysaccharides of Sri Lankan marine algae. <i>Algae</i> , 2017, 32, 75-86.	2.3	157
24	Cytoprotective effect of fucoxanthin isolated from brown algae <i>Sargassum siliquastrum</i> against H <sub>2</sub> O <sub>2</sub> -induced cell damage. <i>European Food Research and Technology</i> , 2008, 228, 145-151.	3.3	153
25	Antioxidant Activity of Marine Algal Polyphenolic Compounds: A Mechanistic Approach. <i>Journal of Medicinal Food</i> , 2016, 19, 615-628.	1.5	145
26	The potential of brown-algae polysaccharides for the development of anticancer agents: An update on anticancer effects reported for fucoidan and laminaran. <i>Carbohydrate Polymers</i> , 2017, 177, 451-459.	10.2	143
27	A novel angiotensin I-converting enzyme (ACE) inhibitory peptide from a marine <i>Chlorella ellipsoidea</i> and its antihypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2012, 47, 2005-2011.	3.7	141
28	Anti-inflammatory effect of fucoidan extracted from Ecklonia cava in zebrafish model. <i>Carbohydrate Polymers</i> , 2013, 92, 84-89.	10.2	140
29	Bioactive properties and potentials cosmeceutical applications of phlorotannins isolated from brown seaweeds: A review. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 100-105.	3.8	137
30	Anti-inflammatory activity of polysaccharide purified from AMG-assistant extract of Ecklonia cava in LPS-stimulated RAW 264.7 macrophages. <i>Carbohydrate Polymers</i> , 2011, 85, 80-85.	10.2	134
31	Protective effect of a novel antioxidative peptide purified from a marine <i>Chlorella ellipsoidea</i> protein against free radical-induced oxidative stress. <i>Food and Chemical Toxicology</i> , 2012, 50, 2294-2302.	3.6	132
32	Dieckol isolated from brown seaweed Ecklonia cava attenuates type 2 diabetes in db/db mouse model. <i>Food and Chemical Toxicology</i> , 2013, 53, 294-298.	3.6	129
33	Anti-inflammatory activity of a sulfated polysaccharide isolated from an enzymatic digest of brown seaweed <i>Sargassum horneri</i> in RAW 264.7 cells. <i>Nutrition Research and Practice</i> , 2017, 11, 3.	1.9	129
34	In vitro and in vivo antioxidant activities of polysaccharide purified from aloe vera ( <i>Aloe barbadensis</i> ) gel. <i>Carbohydrate Polymers</i> , 2014, 99, 365-371.	10.2	128
35	Protective effects of dieckol isolated from Ecklonia cava against high glucose-induced oxidative stress in human umbilical vein endothelial cells. <i>Toxicology in Vitro</i> , 2010, 24, 375-381.	2.4	126
36	Molecular characteristics and anti-inflammatory activity of the fucoidan extracted from Ecklonia cava. <i>Carbohydrate Polymers</i> , 2012, 89, 599-606.	10.2	123

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37	Purification and determination of two novel antioxidant peptides from flounder fish ( <i>Paralichthys</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 123	3.6	123
38	Inhibitory Effects and Molecular Mechanism of Dieckol Isolated from Marine Brown Alga on COX-2 and iNOS in Microglial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4439-4446.	5.2	120
39	Biological activities and potential cosmeceutical applications of bioactive components from brown seaweeds: a review. <i>Phytochemistry Reviews</i> , 2011, 10, 431-443.	6.5	120
40	A fucoidan fraction purified from <i>Chnoospora minima</i> ; a potential inhibitor of LPS-induced inflammatory responses. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1185-1193.	7.5	119
41	Inhibitory effect of diphlorethohydroxycarmalol on melanogenesis and its protective effect against UV-B radiation-induced cell damage. <i>Food and Chemical Toxicology</i> , 2010, 48, 1355-1361.	3.6	116
42	Protective effect of marine algae phlorotannins against AAPH-induced oxidative stress in zebrafish embryo. <i>Food Chemistry</i> , 2013, 138, 950-955.	8.2	114
43	Advances in functionalizing fucoidans and alginates (bio)polymers by structural modifications: A review. <i>Chemical Engineering Journal</i> , 2019, 355, 33-48.	12.7	110
44	Algal polysaccharides: potential bioactive substances for cosmeceutical applications. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 99-113.	9.0	109
45	Caffeic acid phenethyl ester protects mice from lethal endotoxin shock and inhibits lipopolysaccharide-induced cyclooxygenase-2 and inducible nitric oxide synthase expression in RAW 264.7 macrophages via the p38/ERK and NF- $\kappa$ B pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2572-2582.	2.8	106
46	Anti-inflammatory effect of essential oil and its constituents from fingered citron ( <i>Citrus medica</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 cells. <i>Food and Chemical Toxicology</i> , 2013, 57, 126-131.	3.6	105
47	<i>Ecklonia cava</i> ethanolic extracts inhibit lipopolysaccharide-induced cyclooxygenase-2 and inducible nitric oxide synthase expression in BV2 microglia via the MAP kinase and NF- $\kappa$ B pathways. <i>Food and Chemical Toxicology</i> , 2009, 47, 410-417.	3.6	104
48	Antiproliferative Activity of Fucoidan Was Associated with the Induction of Apoptosis and Autophagy in AGS Human Gastric Cancer Cells. <i>Journal of Food Science</i> , 2011, 76, T77-83.	3.1	100
49	Reactive Oxygen Scavenging Effect of Enzymatic Extracts from <i>Sargassum thunbergii</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6666-6672.	5.2	96
50	Effects of brown alga, <i>Ecklonia cava</i> on glucose and lipid metabolism in C57BL/KsJ-db/db mice, a model of type 2 diabetes mellitus. <i>Food and Chemical Toxicology</i> , 2012, 50, 575-582.	3.6	96
51	Protective effect of fucoidan against AAPH-induced oxidative stress in zebrafish model. <i>Carbohydrate Polymers</i> , 2014, 102, 185-191.	10.2	96
52	Inhibition of tumor growth in vitro and in vivo by fucoxanthin against melanoma B16F10 cells. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 39-46.	4.0	94
53	Screening of marine algae for potential tyrosinase inhibitor: Those inhibitors reduced tyrosinase activity and melanin synthesis in zebrafish. <i>Journal of Dermatology</i> , 2011, 38, 354-363.	1.2	92
54	Purification and identification of novel angiotensin-I converting enzyme (ACE) inhibitory peptides from cultured marine microalgae ( <i>Nannochloropsis oculata</i> ) protein hydrolysate. <i>Journal of Applied Phycology</i> , 2013, 25, 1595-1606.	2.8	91

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55	Gallic acid isolated from <i>Spirogyra</i> sp. improves cardiovascular disease through a vasorelaxant and antihypertensive effect. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 764-772.	4.0	91
56	ANTIOXIDANT ACTIVITIES OF ENZYMATIC EXTRACTS FROM AN EDIBLE SEAWEED <i>SARGASSUM HORNERI</i> USING ESR SPECTROMETRY. <i>Journal of Food Lipids</i> , 2004, 11, 15-27.	1.0	89
57	Exploiting biological activities of brown seaweed <i>Ecklonia cava</i> for potential industrial applications: a review. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 225-235.	2.8	88
58	Free radical scavenging activity of enzymatic extracts from a brown seaweed <i>Scytosiphon lomentaria</i> by electron spin resonance spectrometry. <i>Food Research International</i> , 2004, 37, 253-258.	6.2	87
59	Antioxidant activity and cell protective effect of loliolide isolated from <i>Sargassum ringgoldianum</i> subsp. <i>coreanum</i> . <i>Algae</i> , 2011, 26, 201-208.	2.3	86
60	Effect of anticoagulative sulfated polysaccharide purified from enzyme-assistant extract of a brown seaweed <i>Ecklonia cava</i> on Wistar rats. <i>Carbohydrate Polymers</i> , 2011, 86, 917-921.	10.2	85
61	The roles of NF- $\kappa$ B and ROS in regulation of pro-inflammatory mediators of inflammation induction in LPS-stimulated zebrafish embryos. <i>Fish and Shellfish Immunology</i> , 2017, 68, 525-529.	3.6	85
62	Bioactive potentials of sulfated polysaccharides isolated from brown seaweed <i>Sargassum</i> spp in related to human health applications: A review. <i>Food Hydrocolloids</i> , 2018, 81, 200-208.	10.7	85
63	POTENTIAL ANTIOXIDANT ACTIVITY OF MARINE RED ALGA <i>GRATELOUPIA FILICINA</i> EXTRACTS. <i>Journal of Food Lipids</i> , 2003, 10, 251-265.	1.0	83
64	Reactive oxygen species scavenging, metal chelation, reducing power and lipid peroxidation inhibition properties of different solvent fractions from <i>Hizikia fusiformis</i> . <i>European Food Research and Technology</i> , 2005, 220, 363-371.	3.3	82
65	Protective effect of <i>Ecklonia cava</i> enzymatic extracts on hydrogen peroxide-induced cell damage. <i>Process Biochemistry</i> , 2006, 41, 2393-2401.	3.7	82
66	Anti-obesity effects of seaweeds of Jeju Island on the differentiation of 3T3-L1 preadipocytes and obese mice fed a high-fat diet. <i>Food and Chemical Toxicology</i> , 2016, 90, 36-44.	3.6	82
67	Angiotensin I-converting enzyme inhibitory peptides from an enzymatic hydrolysate of flounder fish ( <i>Paralichthys olivaceus</i> ) muscle as a potent anti-hypertensive agent. <i>Process Biochemistry</i> , 2016, 51, 535-541.	3.7	80
68	Spermidine Protects against Oxidative Stress in Inflammation Models Using Macrophages and Zebrafish. <i>Biomolecules and Therapeutics</i> , 2018, 26, 146-156.	2.4	80
69	Antioxidant activity of enzymatic extracts from a brown seaweed <i>Ecklonia cava</i> by electron spin resonance spectrometry and comet assay. <i>European Food Research and Technology</i> , 2005, 221, 41-47.	3.3	79
70	Anti-inflammatory potential of alginic acid from <i>Sargassum horneri</i> against urban aerosol-induced inflammatory responses in keratinocytes and macrophages. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 24-31.	6.0	79
71	Brown Alga <i>Ecklonia cava</i> Polyphenol Extract Ameliorates Hepatic Lipogenesis, Oxidative Stress, and Inflammation by Activation of AMPK and SIRT1 in High-Fat Diet-Induced Obese Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 349-359.	5.2	78
72	Protective Effect of Sulfated Polysaccharides from Celluclast-Assisted Extract of <i>Hizikia fusiforme</i> Against Ultraviolet B-Induced Skin Damage by Regulating NF- $\kappa$ B, AP-1, and MAPKs Signaling Pathways In Vitro in Human Dermal Fibroblasts. <i>Marine Drugs</i> , 2018, 16, 239.	4.6	78

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73	β-Sitosterol induces G2/M arrest, endoreduplication, and apoptosis through the Bcl-2 and PI3K/Akt signaling pathways. <i>Cancer Letters</i> , 2008, 264, 181-191.	7.2	77
74	Protective effect of polysaccharides from Celluclast-assisted extract of <i>Hizikia fusiforme</i> against hydrogen peroxide-induced oxidative stress in vitro in Vero cells and in vivo in zebrafish. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 483-489.	7.5	77
75	Sulforaphane generates reactive oxygen species leading to mitochondrial perturbation for apoptosis in human leukemia U937 cells. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 637-644.	5.6	76
76	Antiproliferative activity of sulfated polysaccharide isolated from an enzymatic digest of <i>Ecklonia cava</i> on the U-937 cell line. <i>Journal of Applied Phycology</i> , 2009, 21, 307-314.	2.8	76
77	Beijing urban particulate matter-induced injury and inflammation in human lung epithelial cells and the protective effects of fucosterol from <i>Sargassum binderi</i> (Sonder ex J. Agardh). <i>Environmental Research</i> , 2019, 172, 150-158.	7.5	76
78	Algae Metabolites in Cosmeceutical: An Overview of Current Applications and Challenges. <i>Marine Drugs</i> , 2020, 18, 323.	4.6	76
79	In vitro studies of anti-inflammatory and anticancer activities of organic solvent extracts from cultured marine microalgae. <i>Algae</i> , 2013, 28, 111-119.	2.3	76
80	Effective drying of citrus by-product by high speed drying: A novel drying technique and their antioxidant activity. <i>Journal of Food Engineering</i> , 2009, 92, 157-163.	5.2	75
81	In vitro and in vivo anti-inflammatory activities of high molecular weight sulfated polysaccharide; containing fucose separated from <i>Sargassum horneri</i> : Short communication. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 803-807.	7.5	74
82	Anti-asthmatic effect of marine red alga ( <i>Laurencia undulata</i> ) polyphenolic extracts in a murine model of asthma. <i>Food and Chemical Toxicology</i> , 2009, 47, 293-297.	3.6	73
83	Dieckol, a phlorotannin isolated from a brown seaweed, <i>Ecklonia cava</i> , inhibits adipogenesis through AMP-activated protein kinase (AMPK) activation in 3T3-L1 preadipocytes. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 1253-1260.	4.0	73
84	Immunomodulatory Effects of an Enzymatic Extract from <i>Ecklonia cava</i> on Murine Splenocytes. <i>Marine Biotechnology</i> , 2008, 10, 278-289.	2.4	72
85	Bioactivities of the edible brown seaweed, <i>Undaria pinnatifida</i> : A review. <i>Aquaculture</i> , 2018, 495, 873-880.	3.5	72
86	Anti-inflammatory and anti-cancer activities of sterol rich fraction of cultured marine microalga <i>Nannochloropsis oculata</i> . <i>Algae</i> , 2016, 31, 277-287.	2.3	72
87	Effects of <i>Ecklonia cava</i> ethanolic extracts on airway hyperresponsiveness and inflammation in a murine asthma model: Role of suppressor of cytokine signaling. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 289-296.	5.6	71
88	Effect of phlorotannins isolated from <i>Ecklonia cava</i> on angiotensin I-converting enzyme (ACE) inhibitory activity. <i>Nutrition Research and Practice</i> , 2011, 5, 93.	1.9	71
89	Enrichment and purification of marine polyphenol phlorotannins using macroporous adsorption resins. <i>Food Chemistry</i> , 2014, 162, 135-142.	8.2	71
90	Radioprotective properties of eckol against ionizing radiation in mice. <i>FEBS Letters</i> , 2008, 582, 925-930.	2.8	70

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91	Protective effect of <i>Ecklonia cava</i> on UVB-induced oxidative stress: in vitro and in vivo zebrafish model. <i>Journal of Applied Phycology</i> , 2011, 23, 697-708.	2.8	70
92	In vitro and in vivo anti-inflammatory activities of a fucose-rich fucoidan isolated from <i>Saccharina japonica</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 156, 717-729.	7.5	70
93	Protective effect of green tea catechin against urban fine dust particle-induced skin aging by regulation of NF- $\kappa$ B, AP-1, and MAPKs signaling pathways. <i>Environmental Pollution</i> , 2019, 252, 1318-1324.	7.5	69
94	Molecular docking studies of a phlorotannin, dieckol isolated from <i>Ecklonia cava</i> with tyrosinase inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 311-316.	3.0	68
95	Neuroprotective effects of phlorotannins isolated from a brown alga, <i>Ecklonia cava</i> , against H <sub>2</sub> O <sub>2</sub> -induced oxidative stress in murine hippocampal HT22 cells. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 96-105.	4.0	66
96	Preparative isolation and purification of phlorotannins from <i>Ecklonia cava</i> using centrifugal partition chromatography by one-step. <i>Food Chemistry</i> , 2014, 158, 433-437.	8.2	66
97	Phlorotannins of the edible brown seaweed <i>Ecklonia cava</i> Kjellman induce sleep via positive allosteric modulation of gamma-aminobutyric acid type A $\alpha$ 1 benzodiazepine receptor: A novel neurological activity of seaweed polyphenols. <i>Food Chemistry</i> , 2012, 132, 1133-1142.	8.2	65
98	Antioxidant activity of polysaccharide purified from <i>Acanthopanax koreanum</i> Nakai stems in vitro and in vivo zebrafish model. <i>Carbohydrate Polymers</i> , 2015, 127, 38-46.	10.2	65
99	Fucoidan isolated from <i>Padina commersonii</i> inhibit LPS-induced inflammation in macrophages blocking TLR/NF- $\kappa$ B signal pathway. <i>Carbohydrate Polymers</i> , 2019, 224, 115195.	10.2	65
100	Antioxidant Effect of Enzymatic Hydrolyzate from a Kelp, <i>Ecklonia cava</i> . <i>Algae</i> , 2003, 18, 341-347.	2.3	65
101	Radical scavenging capacity and cytoprotective effect of enzymatic digests of <i>Ishige okamurae</i> . <i>Journal of Applied Phycology</i> , 2008, 20, 1087-1095.	2.8	62
102	Optimisation of hydrophilic antioxidant extraction from <i>Hizikia fusiformis</i> by integrating treatments of enzymes, heat and pH control. <i>International Journal of Food Science and Technology</i> , 2008, 43, 587-596.	2.7	62
103	Isolation and purification of fucoidan fraction in <i>Turbinaria ornata</i> from the Maldives; Inflammation inhibitory potential under LPS stimulated conditions in in-vitro and in-vivo models. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 614-623.	7.5	61
104	The potential of fucoidans from <i>Chnoospora minima</i> and <i>Sargassum polycystum</i> in cosmetics: antioxidant, anti-inflammatory, skin-whitening, and antiwrinkle activities. <i>Journal of Applied Phycology</i> , 2018, 30, 3223-3232.	2.8	60
105	Apoptotic anticancer activity of a novel fatty alcohol ester isolated from cultured marine diatom, <i>Phaeodactylum tricornutum</i> . <i>Journal of Functional Foods</i> , 2014, 6, 231-240.	3.4	59
106	Anticoagulant activity of sulfated polysaccharide isolated from fermented brown seaweed <i>Sargassum fulvellum</i> . <i>Journal of Applied Phycology</i> , 2008, 20, 67-74.	2.8	58
107	Octaphloretol A, a novel phenolic compound isolated from a brown alga, <i>Ishige foliacea</i> , increases glucose transporter 4-mediated glucose uptake in skeletal muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 576-581.	2.1	58
108	Isolation and identification of new compound, 2,7-tri-O-methylphloroglucinol-6-O-bieckol from brown algae, <i>Ecklonia cava</i> and its antioxidant effect. <i>Journal of Functional Foods</i> , 2012, 4, 158-166.	3.4	58

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109	Efficacy and safety of a dieckol-rich extract (AG-dieckol) of brown algae, <i>Ecklonia cava</i> , in pre-diabetic individuals: a double-blind, randomized, placebo-controlled clinical trial. <i>Food and Function</i> , 2015, 6, 853-858.	4.6	58
110	Isolation, Characterization, and Antioxidant Activity Evaluation of a Fucoïdan from an Enzymatic Digest of the Edible Seaweed, <i>Hizikia fusiforme</i> . <i>Antioxidants</i> , 2020, 9, 363.	5.1	58
111	Fucoïdan Inhibits the Proliferation of Human Urinary Bladder Cancer T24 Cells by Blocking Cell Cycle Progression and Inducing Apoptosis. <i>Molecules</i> , 2014, 19, 5981-5998.	3.8	57
112	Identification of chemical structure and free radical scavenging activity of diphlorethohydroxycarmalol isolated from a brown alga, <i>Ishige okamurae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 676-81.	2.1	56
113	Popular edible seaweed, <i>Gelidium amansii</i> prevents against diet-induced obesity. <i>Food and Chemical Toxicology</i> , 2016, 90, 181-187.	3.6	55
114	Screening for Angiotensin 1-Converting Enzyme Inhibitory Activity of <i>Ecklonia cava</i> . <i>Preventive Nutrition and Food Science</i> , 2005, 10, 134-139.	1.6	55
115	<i>Ishige okamurae</i> ameliorates hyperglycemia and insulin resistance in C57BL/KsJ-db/db mice. <i>Diabetes Research and Clinical Practice</i> , 2011, 93, 70-76.	2.8	54
116	Protective Effect of Phloroglucinol on Oxidative Stress-Induced DNA Damage and Apoptosis through Activation of the Nrf2/HO-1 Signaling Pathway in HaCaT Human Keratinocytes. <i>Marine Drugs</i> , 2019, 17, 225.	4.6	54
117	Antioxidant Potential of Sulfated Polysaccharides from <i>Padina boryana</i> ; Protective Effect against Oxidative Stress in In Vitro and In Vivo Zebrafish Model. <i>Marine Drugs</i> , 2020, 18, 212.	4.6	53
118	The administration of <i>Fructus Schisandrae</i> attenuates dexamethasone-induced muscle atrophy in mice. <i>International Journal of Molecular Medicine</i> , 2015, 36, 29-42.	4.0	52
119	Characterization of acid- and pepsin-soluble collagens from flatfish skin. <i>Food Science and Biotechnology</i> , 2010, 19, 27-33.	2.6	51
120	Protective effect of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> against high glucose-induced-oxidative stress in human umbilical vein endothelial cells. <i>Food and Chemical Toxicology</i> , 2010, 48, 1448-1454.	3.6	51
121	Quercitrin protects against ultraviolet B-induced cell death in vitro and in an in vivo zebrafish model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 114, 126-131.	3.8	51
122	Antioxidant Activity of Sulfated Polysaccharides Isolated from <i>Sargassum fulvellum</i> . <i>Preventive Nutrition and Food Science</i> , 2007, 12, 65-73.	1.6	51
123	Dichloromethane fraction of <i>Cimicifuga heracleifolia</i> decreases the level of melanin synthesis by activating the ERK or AKT signaling pathway in B16F10 cells. <i>Experimental Dermatology</i> , 2009, 18, 232-237.	2.9	50
124	Sulfated Chitosan Oligosaccharides Suppress LPS-Induced NO Production via JNK and NF- $\kappa$ B Inactivation. <i>Molecules</i> , 2014, 19, 18232-18247.	3.8	50
125	Protective effect of a marine polyphenol, dieckol against carbon tetrachloride-induced acute liver damage in mouse. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 517-523.	4.0	49
126	In Vitro and In Vivo Antioxidant Activities of Polysaccharides Isolated from Celluclast-Assisted Extract of an Edible Brown Seaweed, <i>Sargassum fulvellum</i> . <i>Antioxidants</i> , 2019, 8, 493.	5.1	49



#	ARTICLE	IF	CITATIONS
127	Apigenin decreases cell viability and telomerase activity in human leukemia cell lines. <i>Food and Chemical Toxicology</i> , 2012, 50, 2605-2611.	3.6	48
128	Fucoidan inhibits lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophages and zebrafish larvae. <i>Molecular and Cellular Toxicology</i> , 2017, 13, 405-417.	1.7	48
129	Hepatoprotective effects of dieckol-rich phlorotannins from <i>Ecklonia cava</i> , a brown seaweed, against ethanol induced liver damage in BALB/c mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 1986-1991.	3.6	47
130	Octaphloretol A, a marine algae product, exhibits antidiabetic effects in type 2 diabetic mice by activating AMP-activated protein kinase and upregulating the expression of glucose transporter 4. <i>Food and Chemical Toxicology</i> , 2016, 91, 58-64.	3.6	47
131	Inhibition of inflammatory responses elicited by urban fine dust particles in keratinocytes and macrophages by diphloretohydroxycarmalol isolated from a brown alga <i>Ishige okamurae</i> . <i>Algae</i> , 2017, 32, 261-273.	2.3	47
132	Protective Effect of Enzymatic Extracts from Microalgae Against DNA Damage Induced by H <sub>2</sub> O <sub>2</sub> . <i>Marine Biotechnology</i> , 2007, 9, 479-490.	2.4	46
133	Assessment of anti-inflammatory effect of 5 <sup>β</sup> -hydroxypalisadin B isolated from red seaweed <i>Laurencia snackeyi</i> in zebrafish embryo in vivo model. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 110-117.	4.0	45
134	<i>Sargassum horneri</i> (Turner) inhibit urban particulate matter-induced inflammation in MH-S lung macrophages via blocking TLRs mediated NF- $\kappa$ B and MAPK activation. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112363.	4.1	45
135	Neuroprotective Effect of Phlorotannin Isolated from <i>Ishige okamurae</i> Against H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Stress in Murine Hippocampal Neuronal Cells, HT22. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 1520-1532.	2.9	44
136	First Evidence that <i>Ecklonia cava</i> -Derived Dieckol Attenuates MCF-7 Human Breast Carcinoma Cell Migration. <i>Marine Drugs</i> , 2015, 13, 1785-1797.	4.6	44
137	Trans-cinnamaldehyde protects C2C12 myoblasts from DNA damage, mitochondrial dysfunction and apoptosis caused by oxidative stress through inhibiting ROS production. <i>Genes and Genomics</i> , 2021, 43, 303-312.	1.4	44
138	Screening of Extracts from Red Algae in Jeju for Potentials Marine Angiotensin - I Converting Enzyme (ACE) Inhibitory Activity. <i>Algae</i> , 2006, 21, 343-348.	2.3	44
139	A comparative study of <i>Sargassum horneri</i> Korea and China strains collected along the coast of Jeju Island South Korea: its components and bioactive properties. <i>Algae</i> , 2018, 33, 341-349.	2.3	44
140	Anti-inflammatory activity of phlorotannin-rich fermented <i>Ecklonia cava</i> processing by-product extract in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Journal of Applied Phycology</i> , 2013, 25, 1207-1213.	2.8	43
141	Protective effects of polysaccharides from <i>Psidium guajava</i> leaves against oxidative stresses. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 804-811.	7.5	43
142	Ameliorative Effect of <i>Ecklonia cava</i> Polyphenol Extract on Renal Inflammation Associated with Aberrant Energy Metabolism and Oxidative Stress in High Fat Diet-Induced Obese Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3811-3818.	5.2	43
143	Fucoidan isolated from invasive <i>Sargassum horneri</i> inhibit LPS-induced inflammation via blocking NF- $\kappa$ B and MAPK pathways. <i>Algal Research</i> , 2019, 41, 101561.	4.6	43
144	Enzymatic Hydrolysis for Effective Extraction of Antioxidative Compounds from <i>Hizikia fusiformis</i> . <i>Algae</i> , 2004, 19, 59-68.	2.3	43

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145	Isolation and identification of an antioxidant flavonoid compound from citrus-processing by-product. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 1925-1927.	3.5	42
146	Protective effect of aquacultured flounder fish-derived peptide against oxidative stress in zebrafish. <i>Fish and Shellfish Immunology</i> , 2014, 36, 320-323.	3.6	42
147	Fucoidan Induces ROS-Dependent Apoptosis in 5637 Human Bladder Cancer Cells by Downregulating Telomerase Activity via Inactivation of the PI3K/Akt Signaling Pathway. <i>Drug Development Research</i> , 2017, 78, 37-48.	2.9	42
148	Protective effect of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> against UVB-induced damage in vitro in human dermal fibroblasts and in vivo in zebrafish. <i>Food and Chemical Toxicology</i> , 2020, 136, 110963.	3.6	42
149	Partially purified components of <i>Nardostachys chinensis</i> suppress melanin synthesis through ERK and Akt signaling pathway with cAMP down-regulation in B16F10 cells. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1207-1214.	4.1	41
150	Octaphlorethol A isolated from <i>Ishige foliacea</i> inhibits $\alpha$ -MSH-stimulated induced melanogenesis via ERK pathway in B16F10 melanoma cells. <i>Food and Chemical Toxicology</i> , 2013, 59, 521-526.	3.6	41
151	Anti-inflammatory effects of trans-1,3-diphenyl-2,3-epoxypropane-1-one mediated by suppression of inflammatory mediators in LPS-stimulated RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2013, 53, 371-375.	3.6	41
152	Antioxidant activity and protective effect of extract of <i>Celosia cristata</i> L. flower on tert-butyl hydroperoxide-induced oxidative hepatotoxicity. <i>Food Chemistry</i> , 2015, 168, 572-579.	8.2	41
153	<i>Sargassum serratifolium</i> Extract Attenuates Interleukin-1 $\beta$ -Induced Oxidative Stress and Inflammatory Response in Chondrocytes by Suppressing the Activation of NF- $\kappa$ B, p38 MAPK, and PI3K/Akt. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2308.	4.1	41
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155	Anti-Inflammatory Effects of Sulfated Polysaccharide from <i>Sargassum swartzii</i> in Macrophages via Blocking TLR/NF- $\kappa$ B Signal Transduction. <i>Marine Drugs</i> , 2020, 18, 601.	4.6	40
156	Nutrients and bioactive potentials of edible green and red seaweed in Korea. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, .	0.8	39
157	Evaluation of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> for radical scavenging activity and its protective effect against H <sub>2</sub> O <sub>2</sub> -induced cell damage. <i>Process Biochemistry</i> , 2009, 44, 412-418.	3.7	38
158	Protective effects of phlorotannins against ultraviolet B radiation in zebrafish ( <i>Danio rerio</i> ). <i>Veterinary Dermatology</i> , 2012, 23, 51.	1.2	38
159	Anti-inflammatory and anti-melanogenesis activities of sulfated polysaccharides isolated from <i>Hizikia fusiforme</i> : Short communication. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 545-550.	7.5	38
160	Therapeutic potential of algal natural products against metabolic syndrome: A review of recent developments. <i>Trends in Food Science and Technology</i> , 2020, 97, 286-299.	15.1	38
161	Polyphenol-rich fraction from <i>Ecklonia cava</i> (a brown alga) processing by-product reduces LPS-induced inflammation in vitro and in vivo in a zebrafish model. <i>Algae</i> , 2014, 29, 165-174.	2.3	38
162	Dieckol Isolated from <i>Ecklonia cava</i> Protects against High-Glucose Induced Damage to Rat Insulinoma Cells by Reducing Oxidative Stress and Apoptosis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1445-1451.	1.3	37

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163	Purification and characterization of angiotensin I-converting enzyme inhibitory peptide from enzymatic hydrolysates of <i>Styela clava</i> flesh tissue. <i>Process Biochemistry</i> , 2012, 47, 34-40.	3.7	37
164	Anti-inflammatory activity of halogenated secondary metabolites of <i>Laurencia snackeyi</i> (Weber-van) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 1805-1813.	2.8	37
165	Preparative isolation of sargachromanol E from <i>Sargassum siliquastrum</i> by centrifugal partition chromatography and its anti-inflammatory activity. <i>Food and Chemical Toxicology</i> , 2013, 62, 54-60.	3.6	37
166	A marine algal polyphenol, dieckol, attenuates blood glucose levels by Akt pathway in alloxan induced hyperglycemia zebrafish model. <i>RSC Advances</i> , 2016, 6, 78570-78575.	3.6	37
167	Fermented Oyster Extract Promotes Osteoblast Differentiation by Activating the Wnt/ $\beta$ -Catenin Signaling Pathway, Leading to Bone Formation. <i>Biomolecules</i> , 2019, 9, 711.	4.0	37
168	Effect of far-infrared radiation drying of citrus press-cakes on free radical scavenging and antioxidant activities. <i>Journal of Food Engineering</i> , 2010, 97, 168-176.	5.2	36
169	Fucoidan refined by <i>Sargassum confusum</i> indicate protective effects suppressing photo-oxidative stress and skin barrier perturbation in UVB-induced human keratinocytes. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 149-161.	7.5	36
170	Anti-Obesity Effects of <i>Grateloupia elliptica</i> , a Red Seaweed, in Mice with High-Fat Diet-Induced Obesity via Suppression of Adipogenic Factors in White Adipose Tissue and Increased Thermogenic Factors in Brown Adipose Tissue. <i>Nutrients</i> , 2020, 12, 308.	4.1	36
171	Octaphlorethol A, a novel phenolic compound isolated from <i>Ishige foliacea</i> , protects against streptozotocin-induced pancreatic $\beta$ cell damage by reducing oxidative stress and apoptosis. <i>Food and Chemical Toxicology</i> , 2013, 59, 643-649.	3.6	35
172	Protective effect of fucoxanthin isolated from <i>Ishige okamurae</i> against high-glucose induced oxidative stress in human umbilical vein endothelial cells and zebrafish model. <i>Journal of Functional Foods</i> , 2014, 11, 304-312.	3.4	35
173	Anti-inflammatory effects of sodium alginate/gelatine porous scaffolds merged with fucoidan in murine microglial BV2 cells. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1620-1632.	7.5	35
174	<i>Mori folium</i> inhibits interleukin-1 $\beta$ -induced expression of matrix metalloproteinases and inflammatory mediators by suppressing the activation of NF- $\kappa$ B and p38 MAPK in SW1353 human chondrocytes. <i>International Journal of Molecular Medicine</i> , 2016, 37, 452-460.	4.0	35
175	<i>Sargassum horneri</i> and isolated 6-hydroxy-4,4,7a-trimethyl-5,6,7,7a-tetrahydrobenzofuran-2(4H)-one (HTT); LPS-induced inflammation attenuation via suppressing NF- $\kappa$ B, MAPK and oxidative stress through Nrf2/HO-1 pathways in RAW 264.7 macrophages. <i>Algal Research</i> , 2019, 40, 101513.	4.6	35
176	Protective effect of gallic acid derivatives from the freshwater green alga <i>Spirogyra</i> sp. against ultraviolet B-induced apoptosis through reactive oxygen species clearance in human keratinocytes and zebrafish. <i>Algae</i> , 2017, 32, 379-388.	2.3	35
177	Effect of angiotensin I-converting enzyme (ACE) inhibitory peptide purified from enzymatic hydrolysates of <i>Styela plicata</i> . <i>European Food Research and Technology</i> , 2011, 233, 915-922.	3.3	34
178	Acanthoic acid induces cell apoptosis through activation of the p38 MAPK pathway in HL-60 human promyelocytic leukaemia. <i>Food Chemistry</i> , 2012, 135, 2112-2117.	8.2	34
179	Anti-inflammatory effect of enzymatic hydrolysates from <i>Styela clava</i> flesh tissue in lipopolysaccharide-stimulated RAW 264.7 macrophages and <i>in vivo</i> zebrafish model. <i>Nutrition Research and Practice</i> , 2015, 9, 219.	1.9	34
180	Anti-Photoaging and Anti-Melanogenesis Effects of Fucoidan Isolated from <i>Hizikia fusiforme</i> and Its Underlying Mechanisms. <i>Marine Drugs</i> , 2020, 18, 427.	4.6	34

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181	Effect of enzyme-assisted extract of <i>Sargassum coreanum</i> on induction of apoptosis in HL-60 tumor cells. <i>Journal of Applied Phycology</i> , 2012, 24, 675-684.	2.8	33
182	Effect of angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO) production of 6,6- <i>bieckol</i> , a marine algal polyphenol and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2017, 58, 326-332.	3.7	33
183	Antioxidant and anti-inflammatory functionality of ten Sri Lankan seaweed extracts obtained by carbohydrase assisted extraction. <i>Food Science and Biotechnology</i> , 2018, 27, 1761-1769.	2.6	33
184	A keratinocyte and integrated fibroblast culture model for studying particulate matter-induced skin lesions and therapeutic intervention of fucosterol. <i>Life Sciences</i> , 2019, 233, 116714.	4.3	33
185	Ethanol extract separated from <i>Sargassum horneri</i> (Turner) abate LPS-induced inflammation in RAW 264.7 macrophages. <i>Fisheries and Aquatic Sciences</i> , 2019, 22, .	0.8	33
186	The Potential of Sulfated Polysaccharides Isolated from the Brown Seaweed <i>Ecklonia maxima</i> in Cosmetics: Antioxidant, Anti-melanogenesis, and Photoprotective Activities. <i>Antioxidants</i> , 2020, 9, 724.	5.1	33
187	Partially purified <i>Curcuma longa</i> inhibits alpha-melanocyte-stimulating hormone-stimulated melanogenesis through extracellular signal-regulated kinase or Akt activation-mediated signalling in B16F10 cells. <i>Experimental Dermatology</i> , 2009, 18, 689-694.	2.9	32
188	Depressive Effects on the Central Nervous System and Underlying Mechanism of the Enzymatic Extract and Its Phlorotannin-Rich Fraction from <i>Ecklonia cava</i> Edible Brown Seaweed. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 163-168.	1.3	32
189	Anti-fatigue activity of a mixture of seahorse ( <i>Hippocampus abdominalis</i> ) hydrolysate and red ginseng. <i>Fisheries and Aquatic Sciences</i> , 2017, 20, .	0.8	32
190	<i>Sargassum horneri</i> (Turner) C. Agardh ethanol extract inhibits the fine dust inflammation response via activating Nrf2/HO-1 signaling in RAW 264.7 cells. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 249.	3.7	32
191	Activation of the Nrf2/HO-1 Signaling Pathway Contributes to the Protective Effects of <i>Sargassum serratifolium</i> Extract against Oxidative Stress-Induced DNA Damage and Apoptosis in SW1353 Human Chondrocytes. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1173.	2.6	32
192	Fucoidan isolated from <i>Hizikia fusiforme</i> suppresses ultraviolet B-induced photodamage by down-regulating the expressions of matrix metalloproteinases and pro-inflammatory cytokines via inhibiting NF- $\kappa$ B, AP-1, and MAPK signaling pathways. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 751-759.	7.5	32
193	Evaluation of phlorofucofuroeckol-A isolated from <i>Ecklonia cava</i> (Phaeophyta) on anti-lipid peroxidation in vitro and in vivo. <i>Algae</i> , 2015, 30, 313-323.	2.3	32
194	Protective effect of dieckol isolated from <i>Ecklonia cava</i> against ethanol caused damage in vitro and in zebrafish model. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 1217-1226.	4.0	31
195	Protective effect of marine brown algal polyphenols against oxidative stressed zebrafish with high glucose. <i>RSC Advances</i> , 2015, 5, 25738-25746.	3.6	31
196	Diphlorethohydroxycarmalol Isolated from <i>Ishige okamurae</i> Represses High Glucose-Induced Angiogenesis In Vitro and In Vivo. <i>Marine Drugs</i> , 2018, 16, 375.	4.6	31
197	Antioxidant properties of a sulfated polysaccharide isolated from an enzymatic digest of <i>Sargassum thunbergii</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 132, 142-149.	7.5	31
198	<i>Sargassum horneri</i> (Turner) C. Agardh ethanol extract attenuates fine dust-induced inflammatory responses and impaired skin barrier functions in HaCaT keratinocytes. <i>Journal of Ethnopharmacology</i> , 2021, 273, 114003.	4.1	31

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199	Potential use of ultrasound in antioxidant extraction from <i>Ecklonia cava</i> . <i>Algae</i> , 2013, 28, 371-378.	2.3	31
200	Nitric oxide-mediated vasorelaxation effects of anti-angiotensin I-converting enzyme (ACE) peptide from <i>Styela clava</i> flesh tissue and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Food Chemistry</i> , 2012, 134, 1141-1145.	8.2	30
201	Diphlorethohydroxycarmalol isolated from <i>Pae</i> ( <i>Ishige okamurae</i> ) protects high glucose-induced damage in RINm5F pancreatic $\beta$ cells via its antioxidant effects. <i>Food Science and Biotechnology</i> , 2012, 21, 239-246.	2.6	30
202	<i>Undariopsis peterseniana</i> Promotes Hair Growth by the Activation of Wnt/ $\beta$ -Catenin and ERK Pathways. <i>Marine Drugs</i> , 2017, 15, 130.	4.6	30
203	Antioxidant effects of citrus pomace extracts processed by super-heated steam. <i>LWT - Food Science and Technology</i> , 2018, 90, 331-338.	5.2	30
204	Protective Effect of Pyrogallol-Phloroglucinol-6,6-Bieckol from <i>Ecklonia cava</i> on Monocyte-Associated Vascular Dysfunction. <i>Marine Drugs</i> , 2018, 16, 441.	4.6	30
205	Characterization and screening of anti-tumor activity of fucoidan from acid-processed hijiki ( <i>Hizikia</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	7.5	30
206	Protective Effects of Fermented Oyster Extract against RANKL-Induced Osteoclastogenesis through Scavenging ROS Generation in RAW 264.7 Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1439.	4.1	30
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208	Evaluation of antioxidant properties of a new compound, pyrogallol-phloroglucinol-6,6'-bieckol isolated from brown algae, <i>Ecklonia cava</i> . <i>Nutrition Research and Practice</i> , 2011, 5, 495.	1.9	29
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210	Bioactive Cembranoids from the Soft Coral Genus <i>Sinularia</i> sp. in Borneo. <i>Marine Drugs</i> , 2018, 16, 99.	4.6	29
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212	Step gradient alcohol precipitation for the purification of low molecular weight fucoidan from <i>Sargassum siliquastrum</i> and its UVB protective effects. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 26-35.	7.5	29
213	Thermostability of a marine polyphenolic antioxidant dieckol, derived from the brown seaweed <i>Ecklonia cava</i> . <i>Algae</i> , 2012, 27, 205-213.	2.3	29
214	Rapid preparation of functional polysaccharides from <i>Pyropia yezoensis</i> by microwave-assistant rapid enzyme digest system. <i>Carbohydrate Polymers</i> , 2016, 153, 512-517.	10.2	28
215	Radioprotective effects of a polysaccharide purified from <i>Lactobacillus plantarum</i> -fermented <i>Ishige okamurae</i> against oxidative stress caused by gamma ray-irradiation in zebrafish in vivo model. <i>Journal of Functional Foods</i> , 2017, 28, 83-89.	3.4	28
216	Ishophloroglucin A, a Novel Phlorotannin for Standardizing the Anti- $\alpha$ -Glucosidase Activity of <i>Ishige okamurae</i> . <i>Marine Drugs</i> , 2018, 16, 436.	4.6	28

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218	Anti-allergy effect of mojabanchromanol isolated from Sargassum horneri in bone marrow-derived cultured mast cells. Algal Research, 2020, 48, 101898.	4.6	28
219	Anti-Inflammatory Activity of Questinol Isolated from Marine-Derived Fungus Eurotium amstelodami in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. Journal of Microbiology and Biotechnology, 2014, 24, 1346-1353.	2.1	28
220	Sulfated polysaccharide purified from Ecklonia cava accelerates antithrombin III-mediated plasma proteinase inhibition. Journal of Applied Phycology, 2007, 19, 425-430.	2.8	27
221	Simple separation of anticoagulant sulfated galactan from marine red algae. Journal of Applied Phycology, 2008, 20, 1053-1059.	2.8	27
222	Induction of apoptosis by diphlorethohydroxycarmalol isolated from brown alga, Ishige okamurae. Journal of Functional Foods, 2012, 4, 433-439.	3.4	27
223	Differential modulation of immune response and cytokine profiles of Sargassum horneri ethanol extract in murine spleen with or without Concanavalin A stimulation. Biomedicine and Pharmacotherapy, 2019, 110, 930-942.	5.6	27
224	Fucoidan Purified from Sargassum polycystum Induces Apoptosis through Mitochondria-Mediated Pathway in HL-60 and MCF-7 Cells. Marine Drugs, 2020, 18, 196.	4.6	27
225	Human Keratinocyte UVB-Protective Effects of a Low Molecular Weight Fucoidan from Sargassum horneri Purified by Step Gradient Ethanol Precipitation. Antioxidants, 2020, 9, 340.	5.1	27
226	Investigation of the component of Lycopodium serratum extract that inhibits proliferation and mediates apoptosis of human HL-60 leukemia cells. Food and Chemical Toxicology, 2012, 50, 2629-2634.	3.6	26
227	Dieckol, an edible seaweed polyphenol, retards rotenone-induced neurotoxicity and $\alpha$ -synuclein aggregation in human dopaminergic neuronal cells. RSC Advances, 2016, 6, 110040-110046.	3.6	26
228	Antihypertensive effect of surimi prepared from olive flounder (Paralichthys olivaceus) by angiotensin-I converting enzyme (ACE) inhibitory activity and characterization of ACE inhibitory peptides. Process Biochemistry, 2019, 80, 164-170.	3.7	26
229	Fisetin promotes osteoblast differentiation and osteogenesis through GSK-3 $\beta$ phosphorylation at Ser9 and consequent $\beta$ -catenin activation, inhibiting osteoporosis. Biochemical Pharmacology, 2021, 192, 114676.	4.4	26
230	Protective Effects of Fucoidan Isolated from Celluclast-Assisted Extract of Undaria pinnatifida Sporophylls against AAPH-Induced Oxidative Stress In Vitro and In Vivo Zebrafish Model. Molecules, 2020, 25, 2361.	3.8	26
231	Anti-Inflammatory Mechanisms of Fucoidans to Treat Inflammatory Diseases: A Review. Marine Drugs, 2021, 19, 678.	4.6	26
232	Effect of Diphlorethohydroxycarmalol Isolated From <i>Ishige okamurae</i> on Apoptosis in $\beta$ -Casein Preadipocytes. Phytotherapy Research, 2013, 27, 931-936.	5.8	25
233	The Promoting Effect of <i>Ishige sinicola</i> on Hair Growth. Marine Drugs, 2013, 11, 1783-1799.	4.6	25
234	Apoptotic and antiproliferative properties of $\beta$ -hydroxy $\Delta^5$ -steroidal congeners from a partially purified column fraction of <i>Dendronephthya gigantea</i> against HL-60 and MCF-7 cancer cells. Journal of Applied Toxicology, 2018, 38, 527-536.	2.8	25

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235	Pyrogallol-Phloroglucinol-6,6- <sup>TM</sup> -Bieckol from <i>Ecklonia cava</i> Improved Blood Circulation in Diet-Induced Obese and Diet-Induced Hypertension Mouse Models. <i>Marine Drugs</i> , 2019, 17, 272.	4.6	25
236	Protective effects of sulfated polysaccharides isolated from the enzymatic digest of <i>Codium fragile</i> against hydrogen peroxide-induced oxidative stress in in vitro and in vivo models. <i>Algal Research</i> , 2020, 48, 101891.	4.6	25
237	Anti-obesity effects of red seaweed, <i>Plocamium telfairiae</i> , in C57BL/6 mice fed a high-fat diet. <i>Food and Function</i> , 2020, 11, 2299-2308.	4.6	25
238	<i>Ecklonia cava</i> (Laminariales) and <i>Sargassum horneri</i> (Fucales) synergistically inhibit the lipopolysaccharide-induced inflammation via blocking NF- $\kappa$ B and MAPK pathways. <i>Algae</i> , 2019, 34, 45-56.	2.3	25
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