

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8760316/you-jin-jeon-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

458 papers	15,597 citations	66 h-index	102 g-index
480 ext. papers	18,126 ext. citations	4.7 avg, IF	6.99 L-index

#	Paper	IF	Citations
458	Antioxidant activities of enzymatic extracts from brown seaweeds. <i>Bioresource Technology</i> , 2005 , 96, 1613-23	11	465
457	Antiproliferative and antioxidant properties of an enzymatic hydrolysate from brown alga, <i>Ecklonia cava</i> . <i>Food and Chemical Toxicology</i> , 2006 , 44, 1065-74	4.7	301
456	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	10.3	298
455	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, 2045-54	4.7	241
454	Improvement of functional properties of cod frame protein hydrolysates using ultrafiltration membranes. <i>Process Biochemistry</i> , 1999 , 35, 471-478	4.8	224
453	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, 1123-30	3.6	223
452	Anti-inflammatory effects of fucoidan through inhibition of NF- κ B, MAPK and Akt activation in lipopolysaccharide-induced BV2 microglia cells. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1745-52	4.7	218
451	Enzyme-assistant extraction (EAE) of bioactive components: a useful approach for recovery of industrially important metabolites from seaweeds: a review. <i>Flavour and Fragrance Journal</i> , 2012 , 83, 6-12	3.2	216
450	Antioxidant activities of phlorotannins purified from <i>Ecklonia cava</i> on free radical scavenging using ESR and H ₂ O ₂ -mediated DNA damage. <i>European Food Research and Technology</i> , 2007 , 226, 71-79	3.4	211
449	Fucoxanthin inhibits the inflammatory response by suppressing the activation of NF- κ B and MAPKs in lipopolysaccharide-induced RAW 264.7 macrophages. <i>European Journal of Pharmacology</i> , 2010 , 649, 369-75	5.3	210
448	Bio-functionalities of proteins derived from marine algae [A review]. <i>Food Research International</i> , 2012 , 48, 948-960	7	196
447	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, 101-7	6.7	192
446	Diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> , a brown algae, a potent alpha-glucosidase and alpha-amylase inhibitor, alleviates postprandial hyperglycemia in diabetic mice. <i>European Journal of Pharmacology</i> , 2009 , 615, 252-6	5.3	183
445	Phlorotannins in <i>Ecklonia cava</i> extract inhibit matrix metalloproteinase activity. <i>Life Sciences</i> , 2006 , 79, 1436-43	6.8	170
444	Anticoagulant activity of marine green and brown algae collected from Jeju Island in Korea. <i>Bioresource Technology</i> , 2007 , 98, 1711-6	11	158
443	Antioxidant Potential of <i>Ecklonia cava</i> on Reactive Oxygen Species Scavenging, Metal Chelating, Reducing Power and Lipid Peroxidation Inhibition. <i>Food Science and Technology International</i> , 2006 , 12, 27-38	2.6	155
442	An anticoagulative polysaccharide from an enzymatic hydrolysate of <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , 2006 , 66, 184-191	10.3	154

441	Fucoxanthin induces apoptosis in human leukemia HL-60 cells through a ROS-mediated Bcl-xL pathway. <i>Toxicology in Vitro</i> , 2010 , 24, 1648-54	3.6	151
440	Anti-diabetic effects of brown algae derived phlorotannins, marine polyphenols through diverse mechanisms. <i>Floterap</i> , 2013 , 86, 129-36	3.2	148
439	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, 2633-7	4.7	142
438	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	5.8	132
437	Cytoprotective effect of fucoxanthin isolated from brown algae Sargassum siliquastrum against H2O2-induced cell damage. <i>European Food Research and Technology</i> , 2008 , 228, 145-151	3.4	123
436	Potential anti-inflammatory natural products from marine algae. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 48, 22-30	5.8	122
435	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	10.3	120
434	A novel angiotensin I-converting enzyme (ACE) inhibitory peptide from a marine Chlorella ellipsoidea and its antihypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2012 , 47, 2005-2011	4.8	115
433	Antioxidant Activity of Marine Algal Polyphenolic Compounds: A Mechanistic Approach. <i>Journal of Medicinal Food</i> , 2016 , 19, 615-28	2.8	111
432	Anti-inflammatory effect of fucooidan extracted from Ecklonia cava in zebrafish model. <i>Carbohydrate Polymers</i> , 2013 , 92, 84-9	10.3	111
431	Protective effect of a novel antioxidative peptide purified from a marine Chlorella ellipsoidea protein against free radical-induced oxidative stress. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2294-302	4.7	110
430	FTIR characterization and antioxidant activity of water soluble crude polysaccharides of Sri Lankan marine algae. <i>Algae</i> , 2017 , 32, 75-86	2.4	108
429	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, 375-81	3.6	107
428	Dieckol isolated from brown seaweed Ecklonia cava attenuates type II diabetes in db/db mouse model. <i>Food and Chemical Toxicology</i> , 2013 , 53, 294-8	4.7	104
427	In vitro and in vivo antioxidant activities of polysaccharide purified from aloe vera (Aloe barbadensis) gel. <i>Carbohydrate Polymers</i> , 2014 , 99, 365-71	10.3	103
426	Purification and determination of two novel antioxidant peptides from flounder fish (Paralichthys olivaceus) using digestive proteases. <i>Food and Chemical Toxicology</i> , 2013 , 52, 113-20	4.7	103
425	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	6.7	102
424	The potential of brown-algae polysaccharides for the development of anticancer agents: An update on anticancer effects reported for fucooidan and laminaran. <i>Carbohydrate Polymers</i> , 2017 , 177, 451-459	10.3	99

423	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, 4439-46	5.7	99
422	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, 1355-61	4.7	96
421	Molecular characteristics and anti-inflammatory activity of the fucoidan extracted from Ecklonia cava. <i>Carbohydrate Polymers</i> , 2012 , 89, 599-606	10.3	94
420	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-kappaB pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 2572-82	5.6	94
419	Biological activities and potential cosmeceutical applications of bioactive components from brown seaweeds: a review. <i>Phytochemistry Reviews</i> , 2011 , 10, 431-443	7.7	93
418	Ecklonia cava ethanolic extracts inhibit lipopolysaccharide-induced cyclooxygenase-2 and inducible nitric oxide synthase expression in BV2 microglia via the MAP kinase and NF-kappaB pathways. <i>Food and Chemical Toxicology</i> , 2009 , 47, 410-7	4.7	92
417	Anti-inflammatory activity of a sulfated polysaccharide isolated from an enzymatic digest of brown seaweed in RAW 264.7 cells. <i>Nutrition Research and Practice</i> , 2017 , 11, 3-10	2.1	89
416	Protective effect of marine algae phlorotannins against AAPH-induced oxidative stress in zebrafish embryo. <i>Food Chemistry</i> , 2013 , 138, 950-5	8.5	88
415	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	3.4	85
414	Reactive oxygen scavenging effect of enzymatic extracts from Sargassum thunbergii. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 6666-72	5.7	84
413	ANTIOXIDANT ACTIVITIES OF ENZYMATIC EXTRACTS FROM AN EDIBLE SEAWEED SARGASSUM HORNERI USING ESR SPECTROMETRY. <i>Journal of Food Lipids</i> , 2004 , 11, 15-27		81
412	Protective effect of fucoidan against AAPH-induced oxidative stress in zebrafish model. <i>Carbohydrate Polymers</i> , 2014 , 102, 185-91	10.3	79
411	Anti-inflammatory effect of essential oil and its constituents from fingered citron (<i>Citrus medica</i> L. var. <i>sarcodactylis</i>) through blocking JNK, ERK and NF- κ B signaling pathways in LPS-activated RAW 264.7 cells. <i>Food and Chemical Toxicology</i> , 2013 , 57, 126-31	4.7	79
410	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	5.8	78
409	Protective effect of Ecklonia cava enzymatic extracts on hydrogen peroxide-induced cell damage. <i>Process Biochemistry</i> , 2006 , 41, 2393-2401	4.8	77
408	Effects of brown alga, Ecklonia cava 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, 575-82	4.7	75
407	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, 354-63	1.6	75
406	A fucoidan fraction purified from Chnoospora minima; a potential inhibitor of LPS-induced inflammatory responses. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 1185-1193	7.9	74

405	Exploiting biological activities of brown seaweed Ecklonia cava for potential industrial applications: a review. <i>International Journal of Food Sciences and Nutrition</i> , 2012 , 63, 225-35	3.7	73
404	Gallic acid isolated from Spirogyra sp. improves cardiovascular disease through a vasorelaxant and antihypertensive effect. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 764-72	5.8	72
403	Effect of anticoagulative sulfated polysaccharide purified from enzyme-assistant extract of a brown seaweed Ecklonia cava on Wistar rats. <i>Carbohydrate Polymers</i> , 2011 , 86, 917-921	10.3	71
402	Free radical scavenging activity of enzymatic extracts from a brown seaweed Scytosiphon lomentaria by electron spin resonance spectrometry. <i>Food Research International</i> , 2004 , 37, 253-258	7	71
401	Reactive oxygen species scavenging, metal chelation, reducing power and lipid peroxidation inhibition properties of different solvent fractions from Hizikia fusiformis. <i>European Food Research and Technology</i> , 2005 , 220, 363-371	3.4	71
400	Antioxidant activity of enzymatic extracts from a brown seaweed Ecklonia cava by electron spin resonance spectrometry and comet assay. <i>European Food Research and Technology</i> , 2005 , 221, 41-47	3.4	71
399	POTENTIAL ANTIOXIDANT ACTIVITY OF MARINE RED ALGA GRATELOUPIA FILICINA EXTRACTS. <i>Journal of Food Lipids</i> , 2003 , 10, 251-265		70
398	Purification and identification of novel angiotensin-I converting enzyme (ACE) inhibitory peptides from cultured marine microalgae (Nannochloropsis oculata) protein hydrolysate. <i>Journal of Applied Phycology</i> , 2013 , 25, 1595-1606	3.2	68
397	Antiproliferative activity of sulfated polysaccharide isolated from an enzymatic digest of Ecklonia cava on the U-937 cell line. <i>Journal of Applied Phycology</i> , 2009 , 21, 307-314	3.2	68
396	Sulforaphane generates reactive oxygen species leading to mitochondrial perturbation for apoptosis in human leukemia U937 cells. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 637-44	7.5	68
395	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	6	67
394	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	4.7	66
393	Dieckol, a phlorotannin isolated from a brown seaweed, Ecklonia cava, inhibits adipogenesis through AMP-activated protein kinase (AMPK) activation in 3T3-L1 preadipocytes. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 1253-60	5.8	66
392	Advances in functionalizing fucoidans and alginates (bio)polymers by structural modifications: A review. <i>Chemical Engineering Journal</i> , 2019 , 355, 33-48	14.7	65
391	Effects of Ecklonia cava 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, 289-96	7.5	65
390	Immunomodulatory effects of an enzymatic extract from Ecklonia cava on murine splenocytes. <i>Marine Biotechnology</i> , 2008 , 10, 278-89	3.4	64
389	Brown Alga Ecklonia cava 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, 349-59	5.7	63
388	Antioxidant activity and cell protective effect of loliolide isolated from Sargassum ringgoldianum subsp. coreanum. <i>Algae</i> , 2011 , 26, 201-208	2.4	63

387	Effect of phlorotannins isolated from Ecklonia cava on angiotensin I-converting enzyme (ACE) inhibitory activity. <i>Nutrition Research and Practice</i> , 2011 , 5, 93-100	2.1	61
386	beta-Sitosterol induces G2/M arrest, endoreduplication, and apoptosis through the Bcl-2 and PI3K/Akt signaling pathways. <i>Cancer Letters</i> , 2008 , 264, 181-91	9.9	61
385	Antioxidant Effect of Enzymatic Hydrolyzate from a Kelp, Ecklonia cava. <i>Algae</i> , 2003 , 18, 341-347	2.4	61
384	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, 293-7	4.7	60
383	Radical scavenging capacity and cytoprotective effect of enzymatic digests of <i>Ishige okamurae</i> . <i>Journal of Applied Phycology</i> , 2008 , 20, 1087-1095	3.2	60
382	Preparative isolation and purification of phlorotannins from Ecklonia cava using centrifugal partition chromatography by one-step. <i>Food Chemistry</i> , 2014 , 158, 433-7	8.5	58
381	In vitro studies of anti-inflammatory and anticancer activities of organic solvent extracts from cultured marine microalgae. <i>Algae</i> , 2013 , 28, 111-119	2.4	58
380	Algal polysaccharides: potential bioactive substances for cosmeceutical applications. <i>Critical Reviews in Biotechnology</i> , 2018 , 1-15	9.4	58
379	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	4.8	57
378	Radioprotective properties of eckol against ionizing radiation in mice. <i>FEBS Letters</i> , 2008 , 582, 925-30	3.8	57
377	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	7.9	56
376	Molecular docking studies of a phlorotannin, dieckol isolated from Ecklonia cava with tyrosinase inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 311-6	3.4	56
375	Anticoagulant activity of sulfated polysaccharide isolated from fermented brown seaweed <i>Sargassum fulvellum</i> . <i>Journal of Applied Phycology</i> , 2008 , 20, 67-74	3.2	56
374	Enrichment and purification of marine polyphenol phlorotannins using macroporous adsorption resins. <i>Food Chemistry</i> , 2014 , 162, 135-42	8.5	55
373	Neuroprotective effects of phlorotannins isolated from a brown alga, Ecklonia cava, against H ₂ O ₂ -induced oxidative stress in murine hippocampal HT22 cells. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 96-105	5.8	55
372	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	3.8	55
371	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	10.6	54
370	Protective effect of Ecklonia cava on UVB-induced oxidative stress: in vitro and in vivo zebrafish model. <i>Journal of Applied Phycology</i> , 2011 , 23, 697-708	3.2	54

369	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	7	54
368	The roles of NF- κ 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	4.3	52
367	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	2.4	52
366	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	3.3	52
365	Isolation and identification of new compound, 2,7?-phloroglucinol-6,6?-bieckol from brown algae, <i>Ecklonia cava</i> and its antioxidant effect. <i>Journal of Functional Foods</i> , 2012 , 4, 158-166	5.1	50
364	Phlorotannins of the edible brown seaweed <i>Ecklonia cava</i> Kjellman induce sleep via positive allosteric modulation of gamma-aminobutyric acid type A-benzodiazepine receptor: A novel neurological activity of seaweed polyphenols. <i>Food Chemistry</i> , 2012 , 132, 1133-1142	8.5	48
363	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	7.9	47
362	Protective Effect of Sulfated Polysaccharides from Celluclast-Assisted Extract of Against Ultraviolet B-Induced Skin Damage by Regulating NF- κ B, AP-1, and MAPKs Signaling Pathways In Vitro in Human Dermal Fibroblasts. <i>Marine Drugs</i> , 2018 , 16,	6	47
361	<i>Ishige okamurae</i> ameliorates hyperglycemia and insulin resistance in C57BL/KsJ-db/db mice. <i>Diabetes Research and Clinical Practice</i> , 2011 , 93, 70-6	7.4	47
360	Screening for Angiotensin 1-Converting Enzyme Inhibitory Activity of <i>Ecklonia cava</i> . <i>Preventive Nutrition and Food Science</i> , 2005 , 10, 134-139	2.4	47
359	Octaphlorethol 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, 576-81	3.4	46
358	Popular edible seaweed, <i>Gelidium amansii</i> prevents against diet-induced obesity. <i>Food and Chemical Toxicology</i> , 2016 , 90, 181-7	4.7	46
357	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	7.9	45
356	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	10.3	45
355	Fucoidan inhibits the proliferation of human urinary bladder cancer T24 cells by blocking cell cycle progression and inducing apoptosis. <i>Molecules</i> , 2014 , 19, 5981-98	4.8	45
354	Characterization of acid- and pepsin-soluble collagens from flatfish skin. <i>Food Science and Biotechnology</i> , 2010 , 19, 27-33	3	45
353	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	5.1	44
352	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, 126-31	6.7	44

351	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	3.2	43
350	Spermidine Protects against Oxidative Stress in Inflammation Models Using Macrophages and Zebrafish. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 146-156	4.2	43
349	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, 853-8	6.1	43
348	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, 1986-91	4.7	43
347	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, 1448-54	4.7	43
346	Protective effect of green tea catechin against urban fine dust particle-induced skin aging by regulation of NF- κ B, AP-1, and MAPKs signaling pathways. <i>Environmental Pollution</i> , 2019 , 252, 1318-1324	9.3	41
345	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, 232-7	4	41
344	Bioactivities of the edible brown seaweed, <i>Undaria pinnatifida</i> : A review. <i>Aquaculture</i> , 2018 , 495, 873-880	4.4	41
343	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, 371-5	4.7	40
342	Apigenin decreases cell viability and telomerase activity in human leukemia cell lines. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2605-11	4.7	40
341	Enzymatic Hydrolysis for Effective Extraction of Antioxidative Compounds from <i>Hizikia fusiformis</i> . <i>Algae</i> , 2004 , 19, 59-68	2.4	40
340	Neuroprotective effect of phlorotannin isolated from <i>Ishige okamurae</i> against H ₂ O ₂ -induced oxidative stress in murine hippocampal neuronal cells, HT22. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 166, 1520-32	3.2	39
339	Protective effect of enzymatic extracts from microalgae against DNA damage induced by H ₂ O ₂ . <i>Marine Biotechnology</i> , 2007 , 9, 479-90	3.4	39
338	Antioxidant Activity of Sulfated Polysaccharides Isolated from <i>Sargassum fulvellum</i> . <i>Preventive Nutrition and Food Science</i> , 2007 , 12, 65-73	2.4	39
337	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	2.4	38
336	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,	6	37
335	Octaphlorethol 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	4.7	37
334	Fucoidan isolated from <i>Padina commersonii</i> inhibit LPS-induced inflammation in macrophages blocking TLR/NF- κ B signal pathway. <i>Carbohydrate Polymers</i> , 2019 , 224, 115195	10.3	36

333	Sulfated chitosan oligosaccharides suppress LPS-induced NO production via JNK and NF- κ B inactivation. <i>Molecules</i> , 2014 , 19, 18232-47	4.8	36
332	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	4.7	36
331	Assessment of anti-inflammatory effect of 5-hydroxypalisadin B isolated from red seaweed <i>Laurencia snackeyi</i> in zebrafish embryo in vivo model. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 110-7	5.8	35
330	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	4.4	34
329	Octaphlorethol A isolated from <i>Ishige foliacea</i> inhibits EMSH-stimulated induced melanogenesis via ERK pathway in B16F10 melanoma cells. <i>Food and Chemical Toxicology</i> , 2013 , 59, 521-6	4.7	34
328	Protective effect of a marine polyphenol, dieckol against carbon tetrachloride-induced acute liver damage in mouse. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 35, 517-23	5.8	34
327	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	5.1	34
326	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, 1207-14	5	34
325	Evaluation of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> for radical scavenging activity and its protective effect against H ₂ O ₂ -induced cell damage. <i>Process Biochemistry</i> , 2009 , 44, 412-418	4.8	34
324	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	2.4	34
323	Inhibition of inflammatory responses elicited by urban fine dust particles in keratinocytes and macrophages by diphlorethohydroxycarmalol isolated from a brown alga <i>Ishige okamurae</i> . <i>Algae</i> , 2017 , 32, 261-273	2.4	34
322	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	2.4	34
321	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	3.7	33
320	Protective effect of aquacultured flounder fish-derived peptide against oxidative stress in zebrafish. <i>Fish and Shellfish Immunology</i> , 2014 , 36, 320-3	4.3	32
319	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	3.2	32
318	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, 1925-7	4.3	32
317	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	6	32
316	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	7.9	31

315	Algae Metabolites in Cosmeceutical: An Overview of Current Applications and Challenges. <i>Marine Drugs</i> , 2020 , 18,	6	31
314	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	4.8	31
313	Anti-inflammatory activity of halogenated secondary metabolites of <i>Laurencia snackeyi</i> (Weber-van Bosse) Masuda in LPS-stimulated RAW 264.7 macrophages. <i>Journal of Applied Phycology</i> , 2013 , 25, 1805-1813	3.3	31
312	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	3.4	31
311	Octaphlorethol A, a novel phenolic compound isolated from <i>Ishige foliacea</i> , protects against streptozotocin-induced pancreatic β -cell damage by reducing oxidative stress and apoptosis. <i>Food and Chemical Toxicology</i> , 2013 , 59, 643-9	4.7	30
310	First evidence that <i>Ecklonia cava</i> -derived dieckol attenuates MCF-7 human breast carcinoma cell migration. <i>Marine Drugs</i> , 2015 , 13, 1785-97	6	30
309	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	3.2	30
308	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	7.9	30
307	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	5.7	29
306	Extract Attenuates Interleukin-1 β -Induced Oxidative Stress and Inflammatory Response in Chondrocytes by Suppressing the Activation of NF- κ B, p38 MAPK, and PI3K/Akt. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	29
305	Acanthoic acid induces cell apoptosis through activation of the p38 MAPK pathway in HL-60 human promyelocytic leukaemia. <i>Food Chemistry</i> , 2012 , 135, 2112-7	8.5	29
304	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, 689-94	4	29
303	In Vitro and In Vivo Antioxidant Activities of Polysaccharides Isolated from Celluclast-Assisted Extract of an Edible Brown Seaweed,. <i>Antioxidants</i> , 2019 , 8,	7.1	28
302	Anti-inflammatory effect of enzymatic hydrolysates from <i>Styela clava</i> flesh tissue in lipopolysaccharide-stimulated RAW 264.7 macrophages and in vivo zebrafish model. <i>Nutrition Research and Practice</i> , 2015 , 9, 219-26	2.1	28
301	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, 163-8	2.1	28
300	Potential use of ultrasound in antioxidant extraction from <i>Ecklonia cava</i> . <i>Algae</i> , 2013 , 28, 371-378	2.4	28
299	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	2.4	28
298	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, 572-9	8.5	27

297	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	15.3	27
296	Protective effect of dieckol isolated from Ecklonia cava against ethanol caused damage in vitro and in zebrafish model. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 1217-26	5.8	27
295	Nitric oxide-mediated vasorelaxation effects of anti-angiotensin I-converting enzyme (ACE) peptide from Styela clava flesh tissue and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Food Chemistry</i> , 2012 , 134, 1141-5	8.5	27
294	Reactive Oxygen Species Scavenging Activity of Jeju Native Citrus Peel during Maturation. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2009 , 38, 462-469	1.5	27
293	Sargassum horneri (Turner) inhibit urban particulate matter-induced inflammation in MH-S lung macrophages via blocking TLRs mediated NF- κ B and MAPK activation. <i>Journal of Ethnopharmacology</i> , 2020 , 249, 112363	5	27
292	Reduction of heavy metal (Pb) biosorption in zebrafish model using alginic acid purified from Ecklonia cava and two of its synthetic derivatives. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 330-337	7.9	27
291	Protective Effect of Pyrogallol-Phloroglucinol-6,6-Bieckol from on Monocyte-Associated Vascular Dysfunction. <i>Marine Drugs</i> , 2018 , 16,	6	27
290	Protective effect of marine brown algal polyphenols against oxidative stressed zebrafish with high glucose. <i>RSC Advances</i> , 2015 , 5, 25738-25746	3.7	26
289	Protective effects of polysaccharides from Psidium guajava leaves against oxidative stresses. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 804-11	7.9	26
288	Mori folium inhibits interleukin-1 β induced expression of matrix metalloproteinases and inflammatory mediators by suppressing the activation of NF- κ B and p38 MAPK in SW1353 human chondrocytes. <i>International Journal of Molecular Medicine</i> , 2016 , 37, 452-60	4.4	26
287	Protective effect of fucoxanthin isolated from Ishige okamurae 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	5.1	26
286	Diphlorethohydroxycarmalol isolated from Pae (Ishige okamurae) protects high glucose-induced damage in RINm5F pancreatic β cells via its antioxidant effects. <i>Food Science and Biotechnology</i> , 2012 , 21, 239-246	3	26
285	Protective effects of phlorotannins against ultraviolet B radiation in zebrafish (Danio rerio). <i>Veterinary Dermatology</i> , 2012 , 23, 51-6, e12	1.8	26
284	Evaluation of antioxidant properties of a new compound, pyrogallol-phloroglucinol-6,6-bieckol isolated from brown algae, Ecklonia cava. <i>Nutrition Research and Practice</i> , 2011 , 5, 495-502	2.1	26
283	Dieckol isolated from Ecklonia cava protects against high-glucose induced damage to rat insulinoma cells by reducing oxidative stress and apoptosis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012 , 76, 1445-51	2.1	26
282	Evaluation of phlorofucofuroeckol-A isolated from Ecklonia cava (Phaeophyta) on anti-lipid peroxidation in vitro and in vivo. <i>Algae</i> , 2015 , 30, 313-323	2.4	26
281	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	2.1	26
280	Effect of angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO) production of 6,6'-bieckol, a marine algal polyphenol and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2017 , 58, 326-332	4.8	24

279	Isolation, Characterization, and Antioxidant Activity Evaluation of a Fucoidan from an Enzymatic Digest of the Edible Seaweed,. <i>Antioxidants</i> , 2020 , 9,	7.1	24
278	Anti-inflammatory effects of sodium alginate/gelatin porous scaffolds merged with fucoidan in murine microglial BV2 cells. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1620-1632	7.9	24
277	Fucoidan isolated from invasive <i>Sargassum horneri</i> inhibit LPS-induced inflammation via blocking NF- κ B and MAPK pathways. <i>Algal Research</i> , 2019 , 41, 101561	5	24
276	Simple separation of anticoagulant sulfated galactan from marine red algae. <i>Journal of Applied Phycology</i> , 2008 , 20, 1053-1059	3.2	24
275	Anti-inflammatory activity of questinol isolated from marine-derived fungus <i>Eurotium amstelodami</i> in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 1346-53	3.3	24
274	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	10.3	24
273	Diphlorethohydroxycarmalol Isolated from Represses High Glucose-Induced Angiogenesis In Vitro and In Vivo. <i>Marine Drugs</i> , 2018 , 16,	6	24
272	<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	4.7	24
271	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	3	24
270	<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- κ B, MAPK and oxidative stress through Nrf2/HO-1 pathways in RAW 264.7 macrophages. <i>Algal Research</i> , 2019 , 40, 101513	5	23
269	Induction of apoptosis by diphlorethohydroxycarmalol isolated from brown alga, <i>Ishige okamurae</i> . <i>Journal of Functional Foods</i> , 2012 , 4, 433-439	5.1	23
268	Effect of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> on apoptosis in 3 T3-L1 preadipocytes. <i>Phytotherapy Research</i> , 2013 , 27, 931-6	6.7	23
267	Sulfated polysaccharide purified from <i>Ecklonia cava</i> accelerates antithrombin III-mediated plasma proteinase inhibition. <i>Journal of Applied Phycology</i> , 2007 , 19, 425-430	3.2	23
266	Thermostability of a marine polyphenolic antioxidant dieckol, derived from the brown seaweed <i>Ecklonia cava</i> . <i>Algae</i> , 2012 , 27, 205-213	2.4	23
265	A prebiotic effect of <i>Ecklonia cava</i> on the growth and mortality of olive flounder infected with pathogenic bacteria. <i>Fish and Shellfish Immunology</i> , 2016 , 51, 313-320	4.3	23
264	Apoptotic and antiproliferative properties of 3 β -hydroxy- Δ^5 -steroidal congeners from a partially purified column fraction of <i>Dendronephthya gigantea</i> against HL-60 and MCF-7 cancer cells. <i>Journal of Applied Toxicology</i> , 2018 , 38, 527-536	4.1	23
263	Anti-fatigue activity of a mixture of seahorse (<i>Hippocampus abdominalis</i>) hydrolysate and red ginseng. <i>Fisheries and Aquatic Sciences</i> , 2017 , 20,	2.9	22
262	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,	2.9	22

261	Activation of the Nrf2/HO-1 Signaling Pathway Contributes to the Protective Effects of 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,	4.6	22
260	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	6.8	22
259	Fermented Oyster Extract Promotes Osteoblast Differentiation by Activating the Wnt/ β Catenin Signaling Pathway, Leading to Bone Formation. <i>Biomolecules</i> , 2019 , 9,	5.9	22
258	Phloroglucinol (PG) purified from Ecklonia cava attenuates radiation-induced apoptosis in blood lymphocytes and splenocytes. <i>Food and Chemical Toxicology</i> , 2011 , 49, 2236-42	4.7	22
257	Enzymatic extract from Ecklonia cava induces the activation of lymphocytes by IL-2 production through the classical NF- κ B pathway. <i>Marine Biotechnology</i> , 2011 , 13, 66-73	3.4	22
256	The Growth, Innate Immunity and Protection against H ₂ O ₂ -Induced Oxidative Damage of a Chitosan-Coated Diet in the Olive Flounder Paralichthys olivaceus. <i>Fisheries and Aquatic Sciences</i> , 2013 , 16, 149-158	2.9	22
255	Radioprotective effects of a polysaccharide purified from Lactobacillus plantarum-fermented Ishige okamurae against oxidative stress caused by gamma ray-irradiation in zebrafish in vivo model. <i>Journal of Functional Foods</i> , 2017 , 28, 83-89	5.1	21
254	Pyrogallol-Phloroglucinol-6,6 α Bieckol from Improved Blood Circulation in Diet-Induced Obese and Diet-Induced Hypertension Mouse Models. <i>Marine Drugs</i> , 2019 , 17,	6	21
253	Undariopsis peterseniana Promotes Hair Growth by the Activation of Wnt/ β Catenin and ERK Pathways. <i>Marine Drugs</i> , 2017 , 15,	6	21
252	Antioxidant properties of tidal pool microalgae, Halochlorococcum porphyrae and Oltamanssiellopsis unicellularis from Jeju Island, Korea. <i>Algae</i> , 2010 , 25, 45-56	2.4	21
251	Protective effect of diphlorethohydroxycarmalol isolated from Ishige okamurae against UVB-induced damage in vitro in human dermal fibroblasts and in vivo in zebrafish. <i>Food and Chemical Toxicology</i> , 2020 , 136, 110963	4.7	21
250	Differential modulation of immune response and cytokine profiles of Sargassum horneri ethanol extract in murine spleen with or without Concanavalin A stimulation. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 110, 930-942	7.5	21
249	Angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO)-mediated antihypertensive effect of octaphlorethol A isolated from Ishige sinicola: In vitro molecular mechanism and in vivo SHR model. <i>Journal of Functional Foods</i> , 2015 , 18, 289-299	5.1	20
248	Value-added fermentation of Ecklonia cava processing by-product and its antioxidant effect. <i>Journal of Applied Phycology</i> , 2012 , 24, 201-209	3.2	20
247	Application of yeast Candida utilis to ferment Eisenia bicyclis for enhanced antibacterial effect. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 171, 569-82	3.2	20
246	A sulfated polysaccharide of Ecklonia cava inhibits the growth of colon cancer cells by inducing apoptosis. <i>EXCLI Journal</i> , 2015 , 14, 294-306	2.4	20
245	Potential applications of radioprotective phytochemicals from marine algae. <i>Algae</i> , 2016 , 31, 403-414	2.4	20
244	Anti-Obesity Effects of 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,	6.7	19

243	Protective effect of polyphenol extracted from Ecklonia cava against ethanol induced oxidative damage in vitro and in zebrafish model. <i>Journal of Functional Foods</i> , 2014 , 6, 339-347	5.1	19
242	Radio-protective effect of polysaccharides isolated from Lactobacillus brevis-fermented Ecklonia cava. <i>International Journal of Biological Macromolecules</i> , 2013 , 52, 260-6	7.9	19
241	Identification of sterols from the soft coral Dendronephthya gigantea and their anti-inflammatory potential. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 55, 37-43	5.8	19
240	Investigation of the component of Lycopodium serratum extract that inhibits proliferation and mediates apoptosis of human HL-60 leukemia cells. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2629-34	4.7	19
239	Nutrients and bioactive potentials of edible green and red seaweed in Korea. <i>Fisheries and Aquatic Sciences</i> , 2018 , 21,	2.9	19
238	Antioxidant Potential of Sulfated Polysaccharides from ; Protective Effect against Oxidative Stress in In Vitro and In Vivo Zebrafish Model. <i>Marine Drugs</i> , 2020 , 18,	6	18
237	Antioxidant effects of citrus pomace extracts processed by super-heated steam. <i>LWT - Food Science and Technology</i> , 2018 , 90, 331-338	5.4	18
236	Fucoidan inhibits lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophages and zebrafish larvae. <i>Molecular and Cellular Toxicology</i> , 2017 , 13, 405-417	1.6	18
235	Anti-inflammatory effects of enzymatic hydrolysates of velvet antler in RAW 264.7 cells in vitro and zebrafish model. <i>EXCLI Journal</i> , 2015 , 14, 1122-32	2.4	18
234	Whitening Effect of Octaphlorethol A Isolated from Ishige foliacea in an In Vivo Zebrafish Model. <i>Journal of Microbiology and Biotechnology</i> , 2015 , 25, 448-51	3.3	18
233	Enzyme-assisted extraction of Ecklonia cava fermented with Lactobacillus brevis and isolation of an anti-inflammatory polysaccharide. <i>Algae</i> , 2011 , 26, 343-350	2.4	18
232	Anti-inflammatory and anti-melanogenesis activities of sulfated polysaccharides isolated from Hizikia fusiforme: Short communication. <i>International Journal of Biological Macromolecules</i> , 2020 , 142, 545-550	7.9	18
231	Inhibition of Adipogenesis by Diphlorethohydroxycarmalol (DPHC) through AMPK Activation in Adipocytes. <i>Marine Drugs</i> , 2019 , 17,	6	18
230	Antihypertensive effect of surimi prepared from olive flounder (Paralichthys olivaceus) by angiotensin-I converting enzyme (ACE) inhibitory activity and characterization of ACE inhibitory peptides. <i>Process Biochemistry</i> , 2019 , 80, 164-170	4.8	17
229	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,	6.3	17
228	Dieckol, an edible seaweed polyphenol, retards rotenone-induced neurotoxicity and Bsynuclein aggregation in human dopaminergic neuronal cells. <i>RSC Advances</i> , 2016 , 6, 110040-110046	3.7	17
227	Bioactive Cembranoids from the Soft Coral Genus Sinularia sp. in Borneo. <i>Marine Drugs</i> , 2018 , 16,	6	17
226	The promoting effect of Ishige sinicola on hair growth. <i>Marine Drugs</i> , 2013 , 11, 1783-99	6	17

225	Protective effects of enzymatic digest from Ecklonia cava against high glucose-induced oxidative stress in human umbilical vein endothelial cells. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 349-56	4.3	17
224	Hair-Loss Preventing Effect of Grateloupia elliptica. <i>Biomolecules and Therapeutics</i> , 2012 , 20, 118-24	4.2	17
223	5-Hydroxypalisadin B isolated from red alga Laurencia snackeyi attenuates inflammatory response in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Algae</i> , 2014 , 29, 333-341	2.4	17
222	Fucoidan refined by Sargassum confusum 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	7.9	17
221	Antioxidant efficacy of (E)-loliolide isolated from Sargassum horneri against AAPH-induced oxidative damage in Vero cells and zebrafish models in vivo. <i>Journal of Applied Phycology</i> , 2020 , 32, 3341-3348	13.2	16
220	A prebiotic role of Ecklonia cava improves the mortality of Edwardsiella tarda-infected zebrafish models via regulating the growth of lactic acid bacteria and pathogen bacteria. <i>Fish and Shellfish Immunology</i> , 2016 , 54, 620-8	4.3	16
219	Purification of antioxidative peptide from peptic hydrolysates of Mideodeok (Styela clava) flesh tissue. <i>Food Science and Biotechnology</i> , 2013 , 22, 541-547	3	16
218	3-Bromo-5-(ethoxymethyl)-1,2-benzenediol inhibits LPS-induced pro-inflammatory responses by preventing ROS production and downregulating NF- κ B in vitro and in a zebrafish model. <i>International Immunopharmacology</i> , 2019 , 67, 98-105	5.8	16
217	Ishophloroglucin A, a Novel Phlorotannin for Standardizing the Anti- α -Glucosidase Activity of. <i>Marine Drugs</i> , 2018 , 16,	6	16
216	Reactive oxygen species-dependent apoptosis induction by water extract of peel in MDA-MB-231 human breast carcinoma cells. <i>Nutrition Research and Practice</i> , 2018 , 12, 129-134	2.1	16
215	Antioxidant properties of a sulfated polysaccharide isolated from an enzymatic digest of Sargassum thunbergii. <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 142-149	7.9	15
214	Anti-obesity effects of red seaweed, Plocamium telfairiae, in C57BL/6 mice fed a high-fat diet. <i>Food and Function</i> , 2020 , 11, 2299-2308	6.1	15
213	Ethanol extracts of Aster yomena (Kitam.) Honda inhibit adipogenesis through the activation of the AMPK signaling pathway in 3T3-L1 preadipocytes. <i>Drug Discoveries and Therapeutics</i> , 2017 , 11, 281-287	5	15
212	Apoptotic and antiproliferative effects of Stigmast-5-en-3-ol from Dendronephthya gigantea on human leukemia HL-60 and human breast cancer MCF-7 cells. <i>Toxicology in Vitro</i> , 2018 , 52, 297-305	3.6	15
211	Octaphlorethol A: a potent α -glucosidase inhibitor isolated from Ishige foliacea shows an anti-hyperglycemic effect in mice with streptozotocin-induced diabetes. <i>Food and Function</i> , 2014 , 5, 2602-8	6.1	15
210	Dieckol, a phlorotannin of Ecklonia cava, suppresses IgE-mediated mast cell activation and passive cutaneous anaphylactic reaction. <i>Experimental Dermatology</i> , 2015 , 24, 968-70	4	15
209	Bioactive compounds extracted from Ecklonia cava by using enzymatic hydrolysis protects high glucose-induced damage in INS-1 pancreatic β cells. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 167, 1973-85	3.2	15
208	Radical Scavenging Potential of Hydrophilic Phlorotannins of Hizikia fusiformis. <i>Algae</i> , 2005 , 20, 69-75	2.4	15

207	Ecklonia cava (Laminariales) and Sargassum horneri (Fucales) synergistically inhibit the lipopolysaccharide-induced inflammation via blocking NF- κ B and MAPK pathways. <i>Algae</i> , 2019 , 34, 45-56	2.4	15
206	Fucoidan induces G1 arrest of the cell cycle in EJ human bladder cancer cells through down-regulation of pRB phosphorylation. <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 246-251	2	14
205	Fucoidan from acid-processed Hizikia fusiforme attenuates oxidative damage and regulate apoptosis. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 390-397	7.9	14
204	Protective effects of sulfated polysaccharides isolated from the enzymatic digest of Codium fragile against hydrogen peroxide-induced oxidative stress in in vitro and in vivo models. <i>Algal Research</i> , 2020 , 48, 101891	5	14
203	Step gradient alcohol precipitation for the purification of low molecular weight fucoidan from Sargassum siliquastrum and its UVB protective effects. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 26-35	7.9	14
202	Human Keratinocyte UVB-Protective Effects of a Low Molecular Weight Fucoidan from Purified by Step Gradient Ethanol Precipitation. <i>Antioxidants</i> , 2020 , 9,	7.1	14
201	Sargassum serratifolium attenuates RANKL-induced osteoclast differentiation and oxidative stress through inhibition of NF- κ B and activation of the Nrf2/HO-1 signaling pathway. <i>BioScience Trends</i> , 2018 , 12, 257-265	9.9	14
200	Characterization and screening of anti-tumor activity of fucoidan from acid-processed hijiki (Hizikia fusiforme). <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 170-180	7.9	14
199	Exploiting biological activities of brown seaweed Ishige okamurae Yendo for potential industrial applications: a review. <i>Journal of Applied Phycology</i> , 2017 , 29, 3109-3119	3.2	14
198	Octaphlorethol A inhibits the CpG-induced inflammatory response by attenuating the mitogen-activated protein kinase and NF- κ B pathways. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013 , 77, 1970-2	2.1	14
197	Sargassum horneri extract containing mojabanchromanol attenuates the particulate matter exacerbated allergic asthma through reduction of Th2 and Th17 response in mice. <i>Environmental Pollution</i> , 2020 , 265, 114094	9.3	14
196	A single-step isolation of useful antioxidant compounds from Ishige okamurae by using centrifugal partition chromatography. <i>Fisheries and Aquatic Sciences</i> , 2016 , 19,	2.9	14
195	Extract Attenuates Endothelial Cell Dysfunction by Modulation of Inflammation and Brown Adipocyte Function in Perivascular Fat Tissue. <i>Nutrients</i> , 2019 , 11,	6.7	14
194	Anti-oxidant and anti-inflammatory activities of ultrasonic-assistant extracted polyphenol-rich compounds from Sargassum muticum. <i>Journal of Oceanology and Limnology</i> , 2019 , 37, 836-847	1.5	13
193	Squalene isolated from marine macroalgae Caulerpa racemosa and its potent antioxidant and anti-inflammatory activities. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12628	3.3	13
192	The JNK/NF κ B pathway is required to activate murine lymphocytes induced by a sulfated polysaccharide from Ecklonia cava. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 2820-9	4	13
191	Capgermacrenes A and B, Bioactive Secondary Metabolites from a Bornean Soft Coral, Capnella sp. <i>Marine Drugs</i> , 2015 , 13, 3103-15	6	13
190	Antioxidative effect of Ecklonia cava dried by far infrared radiation drying. <i>Food Science and Biotechnology</i> , 2010 , 19, 129-135	3	13

189	Edible brown seaweeds: a review. <i>Journal of Food Bioactives: an Official Scientific Publication of the International Society of Nutraceuticals and Functional Foods (ISNFF)</i> ,2,	3.7	13
188	Protective Effects of Fucoidan Isolated from Celluclast-Assisted Extract of Sporophylls against AAPH-Induced Oxidative Stress In Vitro and In Vivo Zebrafish Model. <i>Molecules</i> , 2020 , 25,	4.8	13
187	Anticancer and antioxidant effects of selected Sri Lankan marine algae. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2014 , 42, 315	1.6	13
186	Anti-allergy effect of mojabanchromanol isolated from <i>Sargassum horneri</i> in bone marrow-derived cultured mast cells. <i>Algal Research</i> , 2020 , 48, 101898	5	13
185	Octominin Inhibits LPS-Induced Chemokine and Pro-inflammatory Cytokine Secretion from RAW 264.7 Macrophages via Blocking TLRs/NF- κ B Signal Transduction. <i>Biomolecules</i> , 2020 , 10,	5.9	13
184	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- κ B, AP-1, and MAPK signaling pathways. <i>International Journal of Biological Macromolecules</i> , 2021 , 166, 751-758	7.9	13
183	Anti-Obesity and Anti-Diabetic Effects of. <i>Marine Drugs</i> , 2019 , 17,	6	12
182	Characterization and anti-tumor activity of saponin-rich fractions of South Korean sea cucumbers (). <i>Journal of Food Science and Technology</i> , 2020 , 57, 2283-2292	3.3	12
181	Anti-inflammatory effects of trans-1,3-diphenyl-2,3-epoxypropane-1-one in zebrafish embryos in vivo model. <i>Fish and Shellfish Immunology</i> , 2016 , 50, 16-20	4.3	12
180	Asperflavin, an Anti-Inflammatory Compound Produced by a Marine-Derived Fungus, <i>Eurotium amstelodami</i> . <i>Molecules</i> , 2017 , 22,	4.8	12
179	Inhibition of Reactive Oxygen Species (ROS) and Nitric Oxide (NO) by <i>Gelidium elegans</i> Using Alternative Drying and Extraction Conditions in 3T3-L1 and RAW 264.7 Cells. <i>Preventive Nutrition and Food Science</i> , 2012 , 17, 122-8	2.4	12
178	The ethyl alcohol extract of <i>Hizikia fusiforme</i> inhibits matrix metalloproteinase activity and regulates tight junction related protein expression in Hep3B human hepatocarcinoma cells. <i>Journal of Medicinal Food</i> , 2010 , 13, 31-8	2.8	12
177	Soft corals collected from Jeju Island; a potential source of anti-inflammatory phytochemicals. <i>Journal of Chitin and Chitosan</i> , 2016 , 21, 247-254	2	12
176	Antioxidant Activity of Solubilized <i>Tetraselmis suecica</i> and <i>Chlorella ellipsoidea</i> by Enzymatic Digests. <i>Preventive Nutrition and Food Science</i> , 2009 , 14, 21-28	2.4	12
175	Antioxidant Activity of Enzymatic Extracts from <i>Sargassum coreanum</i> . <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2010 , 39, 494-499	1.5	12
174	Anti-Inflammatory Effects of Sulfated Polysaccharide from in Macrophages via Blocking TLR/NF- κ B Signal Transduction. <i>Marine Drugs</i> , 2020 , 18,	6	12
173	The Potential of Sulfated Polysaccharides Isolated from the Brown Seaweed in Cosmetics: Antioxidant, Anti-melanogenesis, and Photoprotective Activities. <i>Antioxidants</i> , 2020 , 9,	7.1	12
172	Anti-Photoaging and Anti-Melanogenesis Effects of Fucoidan Isolated from and Its Underlying Mechanisms. <i>Marine Drugs</i> , 2020 , 18,	6	12

171	The protective effect of <i>Sargassum horneri</i> against particulate matter-induced inflammation in lung tissues of an in vivo mouse asthma model. <i>Food and Function</i> , 2019 , 10, 7995-8004	6.1	12
170	Fucoxanthin-rich fraction from alleviates particulate matter-induced inflammation and. <i>Toxicology Reports</i> , 2021 , 8, 349-358	4.8	12
169	3 β -Hydroxy- Δ^5 -steroidal congeners from a column fraction of attenuate LPS-induced inflammatory responses in RAW 264.7 macrophages and zebrafish embryo model.. <i>RSC Advances</i> , 2018 , 8, 18626-18634	2.7	12
168	Efficient approach to purification of octaphlorethol A from brown seaweed, <i>Ishige foliacea</i> by centrifugal partition chromatography. <i>Algal Research</i> , 2017 , 22, 87-92	5	11
167	A mixture of seaweed extracts and glycosaminoglycans from sea squirts inhibits EMSH-induced melanogenesis in B16F10 melanoma cells. <i>Fisheries and Aquatic Sciences</i> , 2019 , 22,	2.9	11
166	(-)-Loliolide Isolated from Protects against Fine Dust-Induced Oxidative Stress in Human Keratinocytes. <i>Antioxidants</i> , 2020 , 9,	7.1	11
165	Antioxidant potential of extract against urban particulate matter-induced oxidation. <i>Food Science and Biotechnology</i> , 2020 , 29, 855-865	3	11
164	Protective effect of sulfated polysaccharides from a Celluclast-assisted extract of <i>Hizikia fusiforme</i> against ultraviolet B-induced photoaging in vitro in human keratinocytes and in vivo in zebrafish. <i>Marine Life Science and Technology</i> , 2019 , 1, 104-111	4.5	11
163	Diphlorethohydroxycarmalol from <i>Ishige okamurae</i> Suppresses Osteoclast Differentiation by Downregulating the NF- κ B Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
162	Protective Effect of 3-Bromo-4,5-Dihydroxybenzaldehyde from <i>Harvey</i> against Hydrogen Peroxide-Induced Oxidative Stress In Vitro and In Vivo. <i>Journal of Microbiology and Biotechnology</i> , 2019 , 29, 1193-1203	3.3	11
161	Anti-obesity Effects of <i>Ishige okamurae</i> Extract in C57BL/6J mice Fed High-fat Diet. <i>Korean Journal of Food Science and Technology</i> , 2013 , 45, 199-205		11
160	Protective Effect of Water Extract of Citrus Pomace against AAPH-Induced Oxidative Stress in Vero Cells and in Zebrafish. <i>Preventive Nutrition and Food Science</i> , 2018 , 23, 301-308	2.4	11
159	Fermented Oyster Extract Prevents Ovariectomy-Induced Bone Loss and Suppresses Osteoclastogenesis. <i>Nutrients</i> , 2019 , 11,	6.7	10
158	Protective effect of diphlorethohydroxycarmalol against oxidative stress-induced DNA damage and apoptosis in retinal pigment epithelial cells. <i>Cutaneous and Ocular Toxicology</i> , 2019 , 38, 298-308	1.8	10
157	Anti-Obesity Effects of via Downregulation of Adipogenesis Gene and Upregulation of Thermogenic Genes in High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , 2020 , 12,	6.7	10
156	Fucoidan Purified from Induces Apoptosis through Mitochondria-Mediated Pathway in HL-60 and MCF-7 Cells. <i>Marine Drugs</i> , 2020 , 18,	6	10
155	Inhibitory effects on the production of inflammatory mediators and reactive oxygen species by <i>Mori folium</i> in lipopolysaccharide-stimulated macrophages and zebrafish. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 661-674	1.4	10
154	A Novel Compound, "FA-1" Isolated from <i>Prunus mume</i> , Protects Human Bronchial Epithelial Cells and Keratinocytes from Cigarette Smoke Extract-Induced Damage. <i>Scientific Reports</i> , 2018 , 8, 11504	4.9	10

153	Polyopes affinis alleviates airway inflammation in a murine model of allergic asthma. <i>Journal of Biosciences</i> , 2011 , 36, 869-77	2.3	10
152	Antibacterial effect of citrus press-cakes dried by high speed and far-infrared radiation drying methods. <i>Nutrition Research and Practice</i> , 2012 , 6, 187-94	2.1	10
151	Fucoxanthin derivatives from <i>Sargassum siliquastrum</i> inhibit matrix metalloproteinases by suppressing NF- κ B and MAPKs in human fibrosarcoma cells. <i>Algae</i> , 2014 , 29, 355-366	2.4	10
150	Phloroglucinol accelerates the regeneration of liver damaged by H ₂ O ₂ or MNZ treatment in zebrafish. <i>RSC Advances</i> , 2017 , 7, 46164-46170	3.7	9
149	Particulate Matter 2.5 Mediates Cutaneous Cellular Injury by Inducing Mitochondria-Associated Endoplasmic Reticulum Stress: Protective Effects of Ginsenoside Rb1. <i>Antioxidants</i> , 2019 , 8,	7.1	9
148	2,4,6-Trihydroxybenzaldehyde, a potential anti-obesity treatment, suppressed adipocyte differentiation in 3T3-L1 cells and fat accumulation induced by high-fat diet in C57BL/6 mice. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 962-8	5.8	9
147	Dieckol, an algae-derived phenolic compound, suppresses airborne particulate matter-induced skin aging by inhibiting the expressions of pro-inflammatory cytokines and matrix metalloproteinases through regulating NF- κ B, AP-1, and MAPKs signaling pathways. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111823	4.7	9
146	Structural Evidence for Antihypertensive Effect of an Antioxidant Peptide Purified from the Edible Marine Animal. <i>Journal of Medicinal Food</i> , 2020 , 23, 132-138	2.8	9
145	Extract and Its Constituent Ishophloroglucin A Attenuated In Vitro and In Vivo High Glucose-Induced Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
144	Diphlorethohydroxycarmalol, Isolated from <i>Ishige okamurae</i> , Increases Prostaglandin E2 through the Expression of Cyclooxygenase-1 and -2 in HaCaT Human Keratinocytes. <i>Biomolecules and Therapeutics</i> , 2012 , 20, 520-5	4.2	9
143	The classical NF κ B pathway is required for phloroglucinol-induced activation of murine lymphocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010 , 1800, 639-45	4	9
142	Anti-Hypertensive Activity of Novel Peptides Identified from Olive Flounder () Surimi. <i>Foods</i> , 2020 , 9,	4.9	9
141	Diphlorethohydroxycarmalol (DPHC) Isolated from the Brown Alga Acts on Inflammatory Myopathy as an Inhibitory Agent of TNF- α <i>Marine Drugs</i> , 2020 , 18,	6	9
140	Protective effect of a freshwater alga, <i>Spirogyra</i> sp., against lipid peroxidation in vivo zebrafish and purification of antioxidative compounds using preparative centrifugal partition chromatography. <i>Journal of Applied Phycology</i> , 2016 , 28, 181-189	3.2	8
139	Free radical scavenging activity of the peptide from the Alcalase hydrolysate of the edible aquacultural seahorse (<i>Hippocampus abdominalis</i>). <i>Journal of Food Biochemistry</i> , 2019 , 43, e12833	3.3	8
138	Oral administration of polyphenol-rich <i>Sargassum horneri</i> suppresses particulate matter exacerbated airway inflammation in murine allergic asthma: Relevance to the TLR mediated NF- κ B pathway inhibition. <i>Journal of Functional Foods</i> , 2020 , 71, 103991	5.1	8
137	A hexameric peptide purified from <i>Styela plicata</i> protects against free radical-induced oxidative stress in cells and zebrafish model. <i>RSC Advances</i> , 2016 , 6, 54169-54178	3.7	8
136	Antidiabetogenic and antioxidative effects of octaphlorethol a isolated from the brown algae <i>Ishige foliacea</i> in streptozotocin-induced diabetic mice. <i>Food Science and Biotechnology</i> , 2014 , 23, 1261-1266	3.266	8

135	Octaphlorethol A isolated from <i>Ishige foliacea</i> prevents and protects against high glucose-induced oxidative damage in vitro and in vivo. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 38, 607-15	5.8	8
134	Identification and large isolation of an anti-inflammatory compound from an edible brown seaweed, <i>Undariopsis peterseniana</i> , and evaluation on its anti-inflammatory effect in in vitro and in vivo zebrafish. <i>Journal of Applied Phycology</i> , 2017 , 29, 1587-1596	3.2	8
133	Marine peptides for preventing metabolic syndrome. <i>Current Protein and Peptide Science</i> , 2013 , 14, 183-8	8	
132	Sargassum horneri (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	5	8
131	Effects of Ethanol Extracts from , a Red Seaweed, and Its Chlorophyll Derivative on 3T3-L1 Adipocytes: Suppression of Lipid Accumulation through Downregulation of Adipogenic Protein Expression. <i>Marine Drugs</i> , 2021 , 19,	6	8
130	Anthocyanins from L. Inhibit NLRP3 Inflammasome in BV2 Microglia Cells by Alleviating NF-B- and ER Stress-Induced Ca Accumulation and Mitochondrial ROS Production. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 1246491	6.7	8
129	Eckol from Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Nutrients</i> , 2020 , 12,	6.7	7
128	Protective Effect of Diphlorethohydroxycarmalol Isolated from Against Particulate Matter-Induced Skin Damage by Regulation of NF-B, AP-1, and MAPKs Signaling Pathways In Vitro in Human Dermal Fibroblasts. <i>Molecules</i> , 2020 , 25,	4.8	7
127	Protective Effects of An Enzymatic Hydrolysate from Octopus ocellatus Meat against Hydrogen Peroxide-Induced Oxidative Stress in Chang Liver Cells and Zebrafish Embryo. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 975 Pt 1, 603-620	3.6	7
126	Functional properties of brown algal sulfated polysaccharides, fucoidans. <i>Advances in Food and Nutrition Research</i> , 2011 , 64, 163-78	6	7
125	Evaluation of the Biological Activities of Marine Bacteria Collected from Jeju Island, Korea, and Isolation of Active Compounds from their Secondary Metabolites. <i>Fisheries and Aquatic Sciences</i> , 2014 , 17, 215-222	2.9	7
124	Characterization and cytoprotective properties of Sargassum natans fucoidan against urban aerosol-induced keratinocyte damage. <i>International Journal of Biological Macromolecules</i> , 2020 , 159, 773-781	7.9	7
123	as a Functional Food Ameliorated IgE/BSA-Induced Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Marine Drugs</i> , 2020 , 18,	6	7
122	Suppression of Lipopolysaccharide-Induced Inflammatory and Oxidative Response by 5-Aminolevulinic Acid in RAW 264.7 Macrophages and Zebrafish Larvae. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 685-696	4.2	7
121	APO-9Fucoxanthinone Extracted from Undariopsis peteseniana Protects Oxidative Stress-Mediated Apoptosis in Cigarette Smoke-Exposed Human Airway Epithelial Cells. <i>Marine Drugs</i> , 2016 , 14,	6	7
120	Antioxidant and angiotensin-I converting enzyme inhibitory peptides from Hippocampus abdominalis. <i>European Food Research and Technology</i> , 2019 , 245, 479-487	3.4	7
119	Protective Effects of Nargenicin A1 against Tacrolimus-Induced Oxidative Stress in HIRAME Natural Embryo Cells. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
118	Particulate Matter-Induced Inflammation/Oxidative Stress in Macrophages: Fucosterol from as a Potent Protector, Activated via NF-B/MAPK Pathways and Nrf2/HO-1 Involvement. <i>Marine Drugs</i> , 2020 , 18,	6	6

117	Inhibitory effects of dieckol on hypoxia-induced epithelial-mesenchymal transition of HT29 human colorectal cancer cells. <i>Molecular Medicine Reports</i> , 2016 , 14, 5148-5154	2.9	6
116	Hepatoprotective Effects of Xylose-Taurine Reduced Against Hydrogen Peroxide-Induced Oxidative Stress in Cultured Hepatocytes. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 975 Pt 1, 621-631	3.6	6
115	Anti-inflammatory effect of polyphenol-rich extract from the red alga <i>Callophyllis japonica</i> in lipopolysaccharide-induced RAW 264.7 macrophages. <i>Algae</i> , 2014 , 29, 343-353	2.4	6
114	Bioactive compounds extracted from Gamtae (<i>Ecklonia cava</i>) by using enzymatic hydrolysis, a potent α -glucosidase and α -amylase inhibitor, alleviates postprandial hyperglycemia in diabetic mice. <i>Food Science and Biotechnology</i> , 2012 , 21, 1149-1155	3	6
113	Protective effect of methanol extract from citrus press cakes prepared by far-infrared radiation drying on H ₂ O ₂ -mediated oxidative damage in Vero cells. <i>Nutrition Research and Practice</i> , 2011 , 5, 389-95	2.1	6
112	Inhibitory Effect of <i>Sargassum patens</i> on Inflammation and Melanogenesis. <i>International Journal of Pharmacology</i> , 2013 , 9, 524-532	0.7	6
111	Dieckol: an algal polyphenol attenuates urban fine dust-induced inflammation in RAW 264.7 cells via the activation of anti-inflammatory and antioxidant signaling pathways. <i>Journal of Applied Phycology</i> , 2020 , 32, 2387-2396	3.2	6
110	Hepato-protective effect of fucoidan extracted from acid-processed <i>Sargassum fusiformis</i> in ethanol-treated Chang liver cells and in a zebrafish model. <i>Journal of Applied Phycology</i> , 2020 , 32, 4289-4298	2.2	6
109	Hemistepsin A protects human keratinocytes against hydrogen peroxide-induced oxidative stress through activation of the Nrf2/HO-1 signaling pathway. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 691, 108512	4.1	6
108	Isolation and characterization of anti-inflammatory compounds from <i>Sargassum horneri</i> via high-performance centrifugal partition chromatography and high-performance liquid chromatography. <i>Algal Research</i> , 2021 , 54, 102209	5	6
107	Bigbelly seahorse (<i>Hippocampus abdominalis</i>)-derived peptides enhance skeletal muscle differentiation and endurance performance via activated P38MAPK/AKT signalling pathway: An in vitro and in vivo analysis. <i>Journal of Functional Foods</i> , 2019 , 52, 147-155	5.1	6
106	<i>Sargassum horneri</i> (Turner) C. Agardh containing polyphenols attenuates particulate matter-induced inflammatory response by blocking TLR-mediated MYD88-dependent MAPK signaling pathway in MLE-12 cells. <i>Journal of Ethnopharmacology</i> , 2021 , 265, 113340	5	6
105	Enzymatic Hydrolysates of <i>Hippocampus abdominalis</i> Regulates the Skeletal Muscle Growth in C2C12 Cells and Zebrafish Model. <i>Journal of Aquatic Food Product Technology</i> , 2019 , 28, 264-274	1.6	5
104	Immunostimulatory effect of pepsin enzymatic extract from <i>Porphyra yezoensis</i> on murine splenocytes. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 3400-3408	4.3	5
103	Antihypertensive peptide purified from <i>Styela clava</i> flesh tissue stimulates glucose uptake through AMP-activated protein kinase (AMPK) activation in skeletal muscle cells. <i>European Food Research and Technology</i> , 2016 , 242, 163-170	3.4	5
102	Enzyme-assisted Extraction and Recovery of Bioactive Components from Seaweeds 2011 , 221-228		5
101	Protective effects of extracts from six local strains of <i>Pyropia yezoensis</i> against oxidative damage in vitro and in zebrafish model. <i>Algae</i> , 2020 , 35, 189-200	2.4	5
100	Future Prospects and Health Benefits of Functional Ingredients from Marine Bio-resources: A review. <i>Fisheries and Aquatic Sciences</i> , 2014 , 17, 275-290	2.9	5

99	In vitro and in vivo anti-inflammatory activities of a sterol-enriched fraction from freshwater green alga, <i>Spirogyra</i> sp.. <i>Fisheries and Aquatic Sciences</i> , 2020 , 23,	2.9	5
98	Ethanol Extract of <i>Hippocampus abdominalis</i> Exerts Anti-Melanogenic Effects in B16F10 Melanoma Cells and Zebrafish Larvae by Activating the ERK Signaling Pathway. <i>Cosmetics</i> , 2020 , 7, 1	2.7	5
97	Oral Administration of Improves the HDM/DNCB-Induced Atopic Dermatitis in NC/Nga Mice. <i>Nutrients</i> , 2020 , 12,	6.7	5
96	Purification and Structural Characterization of Sulfated Polysaccharides Derived from Brown Algae, : Inhibitory Mechanism of iNOS and COX-2 Pathway Interaction. <i>Antioxidants</i> , 2021 , 10,	7.1	5
95	Effect of Ishophloroglucin A, A Component of , on Glucose Homeostasis in the Pancreas and Muscle of High Fat Diet-Fed Mice. <i>Marine Drugs</i> , 2019 , 17,	6	5
94	<i>Padina boryana</i> , a brown alga from the Maldives: inhibition of EMSH-stimulated melanogenesis via the activation of ERK in B16F10 cells. <i>Fisheries and Aquatic Sciences</i> , 2020 , 23,	2.9	5
93	<i>Sargassum horneri</i> ethanol extract ameliorates TNF- α /IFN- γ -Induced inflammation in human keratinocytes and TPA-induced ear edema in mice. <i>Food Bioscience</i> , 2021 , 39, 100831	4.9	5
92	Potential Antioxidant Properties of Enzymatic Hydrolysates from against Hydrogen Peroxide-Induced Oxidative Stress. <i>Antioxidants</i> , 2021 , 10,	7.1	5
91	Dieckol, an Algae-Derived Phenolic Compound, Suppresses UVB-Induced Skin Damage in Human Dermal Fibroblasts and Its Underlying Mechanisms. <i>Antioxidants</i> , 2021 , 10,	7.1	5
90	Saringosterol acetate isolated from <i>Hizikia fusiforme</i> , an edible brown alga, suppressed hepatocellular carcinoma growth and metastasis in a zebrafish xenograft model. <i>Chemico-Biological Interactions</i> , 2021 , 335, 109362	5	5
89	Diphlorethohydroxycarmalol Isolated from Exerts Vasodilatory Effects via Calcium Signaling and PI3K/Akt/eNOS Pathway. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
88	Purification and Identification of an Antioxidative Peptide from Digestive Enzyme Hydrolysis of Cutlassfish Muscle. <i>Journal of Aquatic Food Product Technology</i> , 2018 , 27, 934-944	1.6	5
87	Enzyme-Assisted Extraction to Prepare Bioactive Peptides from Microalgae 2015 , 305-318		4
86	Anti-proliferative effect of eight ethanolic extracts from soft corals on human leukemia cell line HL-60.. <i>Journal of Chitin and Chitosan</i> , 2016 , 21, 261-266	2	4
85	Effect of Far-infrared Radiation for Dying Citrus By-products and Their Radical Scavenging Activities and Protective Effects Against H ₂ O ₂ -induced DNA Damage. <i>Preventive Nutrition and Food Science</i> , 2008 , 13, 313-320	2.4	4
84	Potential Antioxidant Activities of Enzymatic Digests from Fresh Water Microalgae, <i>Pediastrum duplex</i> and <i>Dactylococcopsis fascicularis</i> . <i>Algae</i> , 2009 , 24, 169-177	2.4	4
83	Ishophloroglucin A Isolated from Suppresses Melanogenesis Induced by EMSH: In Vitro and In Vivo. <i>Marine Drugs</i> , 2020 , 18,	6	4
82	Extract and Its Derivative Dieckol Promote Vasodilation by Modulating Calcium Signaling and PI3K/AKT/eNOS Pathway in In Vitro and In Vivo Models. <i>Biomedicines</i> , 2021 , 9,	4.8	4

81	(-)-Loliolide Isolated from Suppressed Oxidative Stress and Inflammation by Activating Nrf2/HO-1 Signaling in IFN- γ /TNF- β -Stimulated HaCaT Keratinocytes. <i>Antioxidants</i> , 2021 , 10,	7.1	4
80	In Vitro and In Vivo Anti-Inflammatory Effects of Sulfated Polysaccharides Isolated from the Edible Brown Seaweed,. <i>Marine Drugs</i> , 2021 , 19,	6	4
79	Fucoidan isolated from the popular edible brown seaweed Sargassum fusiforme suppresses lipopolysaccharide-induced inflammation by blocking NF- κ B signal pathway. <i>Journal of Applied Phycology</i> , 2021 , 33, 1845-1852	3.2	4
78	Soft corals collected from Jeju Island inhibits the EMSH-induced melanogenesis in B16F10 cells through activation of ERK. <i>Fisheries and Aquatic Sciences</i> , 2018 , 21,	2.9	4
77	Fisetin promotes osteoblast differentiation and osteogenesis through GSK-3 β phosphorylation at Ser9 and consequent β -catenin activation, inhibiting osteoporosis. <i>Biochemical Pharmacology</i> , 2021 , 192, 114676	6	4
76	Antiproliferative and apoptosis-inducing potential of 3 β -hydroxy- Δ -steroidal congeners purified from the soft coral Dendronephthya putteri. <i>Journal of Oceanology and Limnology</i> , 2019 , 37, 1382-1392	1.5	3
75	Alginate Acid From Abate Particulate Matter-Induced Inflammatory Responses in Keratinocytes and Dermal Fibroblasts. <i>Molecules</i> , 2020 , 25,	4.8	3
74	Effect of fermented oyster extract on growth promotion in Sprague-Dawley rats. <i>Integrative Medicine Research</i> , 2020 , 9, 100412	2.7	3
73	Extract Ameliorates the Hyperglycemia and Body Weight Gain of Mice through Regulation of the PI3K/Akt Pathway and Thermogenic Factors by FGF21. <i>Marine Drugs</i> , 2019 , 17,	6	3
72	Fermented Sea Tangle (Aresch) Suppresses RANKL-Induced Osteoclastogenesis by Scavenging ROS in RAW 264.7 Cells. <i>Foods</i> , 2019 , 8,	4.9	3
71	Xylose-Taurine Reduced Suppresses the Inflammatory Responses in Lipopolysaccharide-Stimulated Raw264.7 Macrophages. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 975 Pt 1, 633-642	3.6	3
70	Antihypertensive effect of an enzymatic hydrolysate from flesh tissue in type 2 diabetic patients with hypertension. <i>Nutrition Research and Practice</i> , 2017 , 11, 396-401	2.1	3
69	Anti-inflammation effects of 8-oxo-9-octadecenoic acid isolated from in lipopolysaccharide-stimulated macrophage cells. <i>EXCLI Journal</i> , 2018 , 17, 775-783	2.4	3
68	Anti-Inflammatory Mechanisms of Fucoidans to Treat Inflammatory Diseases: A Review.. <i>Marine Drugs</i> , 2021 , 19,	6	3
67	Ishige okamurae and diphenylhydroxycarmalol inhibit palmitic acid-impaired skeletal myogenesis and improve muscle regenerative potential. <i>Journal of Functional Foods</i> , 2021 , 87, 104832	5.1	3
66	Ethanol Extract of Hizikia fusiforme Induces Apoptosis in B16F10 Mouse Melanoma Cells through ROS-Dependent Inhibition of the PI3K/Akt Signaling Pathway. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020 , 21, 1275-1282	1.7	3
65	Electron spin resonance spectroscopic measurement of antioxidant activity of organic solvent extracts derived from the methanolic extracts of Sri Lankan thebu leaves (Costus speciosus). <i>Journal of the National Science Foundation of Sri Lanka</i> , 2014 , 42, 209	1.6	3
64	Sulfoquinovosylmonoacylglycerols regulating intestinal inflammation in co-culture system from the brown alga Turbinaria ornata. <i>Algae</i> , 2020 , 35, 201-212	2.4	3

63	Effects of Hizikia fusiforme Fractions on Melanin Synthesis in B16F10 Melanoma Cells. <i>Journal of Life Science</i> , 2013 , 23, 1495-1500		3
62	Evaluation on Anticancer Effect Against HL-60 Cells and Toxicity in vitro and in vivo of the Phenethyl Acetate Isolated from a Marine Bacterium Streptomyces griseus. <i>Fisheries and Aquatic Sciences</i> , 2015 , 18, 35-44	2.9	3
61	Antioxidant Activity of Pepsin Hydrolysate Derived from Edible Hippocampus abdominalis in vitro and in Zebrafish Models. <i>Hangjuk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society</i> , 2016 , 49, 445-453		3
60	Mojabanchromanol Isolated from Attenuates Particulate Matter Induced Inflammatory Responses via Suppressing TLR2/4/7-MAPK Signaling in MLE-12 Cells. <i>Marine Drugs</i> , 2020 , 18,	6	3
59	The Effects of Marine Algal Polyphenols, Phlorotannins, on Skeletal Muscle Growth in C2C12 Muscle Cells via Smad and IGF-1 Signaling Pathways. <i>Marine Drugs</i> , 2021 , 19,	6	3
58	Loliolide, isolated from Sargassum horneri; abate LPS-induced inflammation via TLR mediated NF-B, MAPK pathways in macrophages. <i>Algal Research</i> , 2021 , 56, 102297	5	3
57	Sargachromenol Purified from Inhibits Inflammatory Responses via Activation of Nrf2/HO-1 Signaling in LPS-Stimulated Macrophages. <i>Marine Drugs</i> , 2021 , 19,	6	3
56	Anthocyanin-enriched polyphenols from Hibiscus syriacus L. (Malvaceae) exert anti-osteoporosis effects by inhibiting GSK-3 β and subsequently activating Eatenin. <i>Phytomedicine</i> , 2021 , 91, 153721	6.5	3
55	Antioxidant potential of low molecular weight fucoidans from Sargassum autumnale against HO-induced oxidative stress in vitro and in zebrafish models based on molecular weight changes.. <i>Food Chemistry</i> , 2022 , 384, 132591	8.5	3
54	Protective effects of Ecklonia cava extract on the toxicity and oxidative stress induced by hair dye in in-vitro and in-vivo models. <i>Journal of Oceanology and Limnology</i> , 2019 , 37, 909-917	1.5	2
53	Enzyme-Assisted Extraction of a Marine Algal Polysaccharide, Fucoidan and Bioactivities 2015 , 1065-1077		2
52	Radio-Protective Effects of Octopus ocellatus Meat Consisted of a Plentiful Taurine Against Damages Caused by Gamma Ray Irradiation. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 975 Pt 2, 955-971	3.6	2
51	Antioxidant Effects of Short-Neck Clam (Tapes philippinarum) Water Extract Containing Taurine Against AAPH-Induced Oxidative Stress in Zebrafish Embryos. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 975 Pt 2, 1035-1046	3.6	2
50	Therapeutic Potential of Seaweed-Derived Bioactive Compounds for Cardiovascular Disease Treatment. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1025	2.6	2
49	Separation of glycine-rich proteins from sea hare eggs and their anti-cancer activity against U937 leukemia cell line. <i>EXCLI Journal</i> , 2016 , 15, 329-42	2.4	2
48	Protection against Oxidative Stress-Induced Apoptosis by Fermented Sea Tangle (Aresch) in Osteoblastic MC3T3-E1 Cells through Activation of Nrf2 Signaling Pathway. <i>Foods</i> , 2021 , 10,	4.9	2
47	Radio-Protective Effects of Loliolus beka Gray Meat Consisted of a Plentiful Taurine Against Damages Caused by Gamma Ray Irradiation. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1155, 729-738	3.6	2
46	High-performance centrifugal partition chromatography (HPCPC) for efficient isolation of diphlorethohydroxycarmalol (DPHC) and screening of its antioxidant activity in a zebrafish model. <i>Process Biochemistry</i> , 2020 , 88, 189-196	4.8	2

45	Ishophloroglucin A, derived from <i>Ishige okamurae</i> , regulates high-fat-diet-induced fat accumulation via the leptin signaling pathway, associated with peripheral metabolism. <i>Algal Research</i> , 2020 , 50, 101974	5	2
44	In Vitro and In Vivo Antitumor Efficacy of Celluclast Extract against Bladder Cancer. <i>Nutrients</i> , 2020 , 12,	6.7	2
43	Sargassum horneri ethanol extract containing polyphenols attenuates PM-induced oxidative stress via ROS scavenging and transition metal chelation. <i>Journal of Functional Foods</i> , 2021 , 79, 104401	5.1	2
42	Lipid Inhibitory Effect of (-)-loliolide Isolated from in 3T3-L1 Adipocytes: Inhibitory Mechanism of Adipose-Specific Proteins. <i>Marine Drugs</i> , 2021 , 19,	6	2
41	Ca-Dependent Glucose Transport in Skeletal Muscle by Diphlorethohydroxycarmalol, an Alga Phlorotannin: and Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 8893679	6.7	2
40	A Flounder Fish Peptide Shows Anti-Hypertensive Effects by Suppressing the Renin-Angiotensin-Aldosterone System and Endothelin-1. <i>Protein and Peptide Letters</i> , 2021 , 28, 831-840	1.9	2
39	Development of growth-promoting substances for diatoms (<i>Navicula</i> sp.). <i>Aquaculture International</i> , 2019 , 27, 1343-1352	2.6	1
38	Potential Precursor of Angiotensin-I Converting Enzyme (ACE) Inhibitory Activity and Structural Properties of Peptide from Peptic Hydrolysate of Cutlassfish Muscle. <i>Journal of Aquatic Food Product Technology</i> , 2020 , 29, 544-552	1.6	1
37	Protective Effects of Xylose-Taurine Reduced against Damages Caused by Oxidative Stress in Zebrafish Embryos In Vivo Model. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 975 Pt 1, 643-653	3.6	1
36	Preparation of Useful Components from Marine Algal Processing By-products and Their Applications 2014 , 551-564		1
35	Dietary fucoidan from a brown marine algae (<i>Ecklonia cava</i>) attenuates lipid accumulation in differentiated 3T3-L1 cells and alleviates high-fat diet-induced obesity in mice.. <i>Food and Chemical Toxicology</i> , 2022 , 162, 112862	4.7	1
34	Cell proliferation effect of brown marine algae extracts on Mouse Fibroblast. <i>Journal of Marine Bioscience and Biotechnology</i> , 2015 , 7, 28-34		1
33	6-7-Dimethoxy-4-methylcoumarin suppresses pro-inflammatory mediator expression through inactivation of the NF- κ B and MAPK pathways in LPS-induced RAW 264.7 cells. <i>EXCLI Journal</i> , 2014 , 13, 792-800	2.4	1
32	3-Hydroxy-5,6-epoxy-Eonone Isolated from Invasive Harmful Brown Seaweed <i>Sargassum Horneri</i> Protects MH-S Mouse Lung Cells from Urban Particulate Matter-Induced Inflammation. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10929	2.6	1
31	Anti-obesity effects of Ishophloroglucin A from the brown seaweed <i>Ishige okamurae</i> (Yendo) via regulation of leptin signal in ob/ob mice. <i>Algal Research</i> , 2022 , 61, 102533	5	1
30	Zebrafish Model for Studying Dexamethasone-Induced Muscle Atrophy and Preventive Effect of Maca (). <i>Cells</i> , 2021 , 10,	7.9	1
29	Overexpression and Refolding of BACE2. <i>Hangguk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society</i> , 2014 , 47, 370-375		1
28	Dieckol Suppresses CoCl ₂ -induced Angiogenesis in Endothelial Cells. <i>Fisheries and Aquatic Sciences</i> , 2014 , 17, 305-311	2.9	1

27	Enzyme-Assisted Extraction of a Marine Algal Polysaccharide, Fucoidan and Bioactivities 2014 , 1-11		1
26	Gamma Aminobutyric Acid-Enriched Fermented Oyster () Increases the Length of the Growth Plate on the Proximal Tibia Bone in Sprague-Dawley Rats. <i>Molecules</i> , 2020 , 25,	4.8	1
25	Down-regulation of diesel particulate matter-induced airway inflammation by the PDZ motif peptide of ZO-1. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 12211-12218	5.6	1
24	Ishige okamurae reduces blood glucose levels in high-fat diet mice and improves glucose metabolism in the skeletal muscle and pancreas. <i>Fisheries and Aquatic Sciences</i> , 2020 , 23,	2.9	1
23	Risk assessment of genetically modified zoysiagrasses (Zostera japonica) in a zebrafish model. <i>Plant Biotechnology Reports</i> , 2021 , 15, 251-258	2.5	1
22	Algae-Derived Anti-Inflammatory Compounds against Particulate Matters-Induced Respiratory Diseases: A Systematic Review. <i>Marine Drugs</i> , 2021 , 19,	6	1
21	Phloroglucinol and dieckol isolated from Ecklonia cava suppress impaired diabetic angiogenesis; A study of in-vitro and in-vivo. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111431	7.5	1
20	Drying seaweeds using hybrid hot water Goodlee dryer (HHGD): comparison with freeze-dryer in chemical composition and antioxidant activity. <i>Fisheries and Aquatic Sciences</i> , 2021 , 24, 19-31	2.9	1
19	Sarcopenia; functional concerns, molecular mechanisms involved, and seafood as a nutritional intervention - review article. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-21	11.5	1
18	Diphlorethohydroxycarmalol Derived from Improves Behavioral and Physiological Responses of Muscle Atrophy Induced by Dexamethasone in an In-Vivo Model.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
17	Sargassum horneri inhibits fat accumulation via up-regulation of thermogenesis in obese mice. <i>Journal of Functional Foods</i> , 2022 , 92, 105022	5.1	1
16	Ishophloroglucin A, Isolated from Ishige okamurae, Alleviates Dexamethasone-Induced Muscle Atrophy through Muscle Protein Metabolism In Vivo. <i>Marine Drugs</i> , 2022 , 20, 280	6	1
15	Antihypertensive Effects of IGTGIPGIW Peptide Purified from Hippocampus abdominalis: p-eNOS and p-AKT Stimulation in EA.hy926 Cells and Lowering of Blood Pressure in SHR Model. <i>Marine Drugs</i> , 2022 , 20, 354	6	1
14	Polyphenol containing attenuated Th2 differentiation in splenocytes of ovalbumin-sensitized mice: involvement of the transcription factors GATA3/STAT5/NLRP3 in Th2 polarization. <i>Pharmaceutical Biology</i> , 2021 , 59, 1464-1472	3.8	0
13	Arsenic removal from the popular edible seaweed Sargassum fusiforme by sequential processing involving hot water, citric acid, and fermentation.. <i>Chemosphere</i> , 2021 , 133409	8.4	0
12	Comparison of antioxidant and anti-inflammatory activities of enzyme assisted hydrolysate from Ecklonia maxima blades and stipe. <i>Fisheries and Aquatic Sciences</i> , 2021 , 24, 197-206	2.9	0
11	Antioxidant activity of olive flounder () surimi digest in in vitro and in vivo.. <i>Journal of Food Science and Technology</i> , 2022 , 59, 2071-2079	3.3	0
10	Marine-Derived Pharmaceuticals and Future Prospects 2015 , 957-968		

- 9 Antidiabetic Effect of Dieckol, a Marine Polyphenol, and Its Mechanisms of Blood Glucose Regulation **2012**, 313-324
- 8 Cosmeceutical Properties of Brown Algae and Its Industrial Applications **2011**, 305-318
- 7 Anti-Adhesive Properties of Calcium Alginate from *Sargassum fusiforme* against Particulate Matter-Induced Inflammation. *Current Issues in Molecular Biology*, **2022**, 44, 626-639 2.9
- 6 Detrimental impact of fine dust on zebrafish: Investigating a protective agent against ocular-damage using in vitro and in vivo models.. *Chemosphere*, **2022**, 293, 133602 8.4
- 5 Trans-1,3-diphenyl-2,3-epoxypropan-1-one, a chalcone derivative, induces apoptosis via ROS-mediated down-regulation of Bcl-xL in human leukemia HL-60 cells. *EXCLI Journal*, **2015**, 14, 900-7 2.4
- 4 Comparision of Antioxidant and Physiological Activities of Processed Waters Generated during Red Bean Paste Preparation. *Journal of the Korean Society of Food Science and Nutrition*, **2021**, 50, 1168-1176^{1.5}
- 3 Safety effect of fermented oyster extract on the endocrine disruptor assay in vitro and in vivo. *Fisheries and Aquatic Sciences*, **2021**, 24, 330-339 2.9
- 2 Development of Bioactive Substances from Fishery Processing by-products in Jeju. *Journal of Marine Bioscience and Biotechnology*, **2014**, 6, 62-67
- 1 Utility of a Hydrolysate from Overproduced *Paralichthys olivaceus* for Hypertension Treatment: Correlation between Physical Properties and Potent Anti-Hypertensive Activities. *Marine Drugs*, **2022**, 20, 346 6