

I P Shanura Fernando

List of Publications by Year in descending order

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111
papers

4,177
citations

136740

32
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all docs

113
docs citations

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times ranked

3842
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine algal flavonoids and phlorotannins; an intriguing frontier of biofunctional secondary metabolites. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 23-45.	5.1	25
2	<i>Moringa oleifera</i> Hot Water Extract Protects Vero Cells from Hydrogen Peroxide-Induced Oxidative Stress by Regulating Mitochondria-Mediated Apoptotic Pathway and Nrf2/HO-1 Signaling. <i>Foods</i> , 2022, 11, 420.	1.9	14
3	Preparation of microspheres by alginate purified from <i>Sargassum horneri</i> and study of pH-responsive behavior and drug release. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 681-690.	3.6	8
4	Fucoidan Isolated from <i>Sargassum confusum</i> Suppresses Inflammatory Responses and Oxidative Stress in TNF- α /IFN- γ - Stimulated HaCaT Keratinocytes by Activating Nrf2/HO-1 Signaling Pathway. <i>Marine Drugs</i> , 2022, 20, 117.	2.2	21
5	Sargachromenol Isolated from <i>Sargassum horneri</i> Inhibits Particulate Matter-Induced Inflammation in Macrophages through Toll-like Receptor-Mediated Cell Signaling Pathways. <i>Marine Drugs</i> , 2022, 20, 28.	2.2	3
6	Structural diversity, biosynthesis, and health-promoting properties of brown algal meroditerpenoids. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 1238-1259.	5.1	0
7	Hot Water Extract of <i>Sasa borealis</i> (Hack.) Makino & Shibata Abate Hydrogen Peroxide-Induced Oxidative Stress and Apoptosis in Kidney Epithelial Cells. <i>Antioxidants</i> , 2022, 11, 1013.	2.2	0
8	Anti-Inflammatory Effect of Sulfated Polysaccharides Isolated from <i>Codium fragile</i> In Vitro in RAW 264.7 Macrophages and In Vivo in Zebrafish. <i>Marine Drugs</i> , 2022, 20, 391.	2.2	11
9	<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.	2.0	10
10	Low molecular weight fucoidan fraction ameliorates inflammation and deterioration of skin barrier in fine-dust stimulated keratinocytes. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 620-630.	3.6	19
11	Fucoidan Fractionated from <i>Sargassum coreanum</i> via Step-Gradient Ethanol Precipitation Indicate Promising UVB-Protective Effects in Human Keratinocytes. <i>Antioxidants</i> , 2021, 10, 347.	2.2	6
12	Effects of (δ^6)-Loliolide against Fine Dust Preconditioned Keratinocyte Media-Induced Dermal Fibroblast Inflammation. <i>Antioxidants</i> , 2021, 10, 675.	2.2	7
13	(δ^6)-Loliolide Isolated from <i>Sargassum horneri</i> Suppressed Oxidative Stress and Inflammation by Activating Nrf2/HO-1 Signaling in IFN- γ /TNF- α -Stimulated HaCaT Keratinocytes. <i>Antioxidants</i> , 2021, 10, 856.	2.2	15
14	UVB protective effects of <i>Sargassum horneri</i> through the regulation of Nrf2 mediated antioxidant mechanism. <i>Scientific Reports</i> , 2021, 11, 9963.	1.6	11
15	The Anti-Oxidative and Anti-Neuroinflammatory Effects of <i>Sargassum horneri</i> by Heme Oxygenase-1 Induction in BV2 and HT22 Cells. <i>Antioxidants</i> , 2021, 10, 859.	2.2	18
16	In Vitro and In Vivo Anti-Inflammatory Effects of Sulfated Polysaccharides Isolated from the Edible Brown Seaweed, <i>Sargassum fulvellum</i> . <i>Marine Drugs</i> , 2021, 19, 277.	2.2	14
17	<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.	2.0	31
18	Loliolide, isolated from <i>Sargassum horneri</i> ; abate LPS-induced inflammation via TLR mediated NF- κ B, MAPK pathways in macrophages. <i>Algal Research</i> , 2021, 56, 102297.	2.4	14

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19	(δ^{\sim})-Loliolide Isolated from <i>Sargassum horneri</i> Abate UVB-Induced Oxidative Damage in Human Dermal Fibroblasts and Subside ECM Degradation. <i>Marine Drugs</i> , 2021, 19, 435.	2.2	10
20	Sargachromenol Purified from <i>Sargassum horneri</i> Inhibits Inflammatory Responses via Activation of Nrf2/HO-1 Signaling in LPS-Stimulated Macrophages. <i>Marine Drugs</i> , 2021, 19, 497.	2.2	11
21	In Vitro and In Vivo Photoprotective Effects of (-)-Loliolide Isolated from the Brown Seaweed, <i>Sargassum horneri</i> . <i>Molecules</i> , 2021, 26, 6898.	1.7	5
22	Alginate-based nanomaterials: Fabrication techniques, properties, and applications. <i>Chemical Engineering Journal</i> , 2020, 391, 123823.	6.6	182
23	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.	1.5	13
24	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.	3.6	36
25	<i>Sargassum horneri</i> as a Functional Food Ameliorated IgE/BSA-Induced Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Marine Drugs</i> , 2020, 18, 594.	2.2	12
26	Diphlorethohydroxycarmalol (DPHC) Isolated from the Brown Alga <i>Ishige okamurae</i> Acts on Inflammatory Myopathy as an Inhibitory Agent of TNF- α . <i>Marine Drugs</i> , 2020, 18, 529.	2.2	19
27	Oral Administration of <i>Sargassum horneri</i> Improves the HDM/DNCB-Induced Atopic Dermatitis in NC/Nga Mice. <i>Nutrients</i> , 2020, 12, 2482.	1.7	14
28	(δ^{\sim})-Loliolide Isolated from <i>Sargassum horneri</i> Protects against Fine Dust-Induced Oxidative Stress in Human Keratinocytes. <i>Antioxidants</i> , 2020, 9, 474.	2.2	24
29	Eckol from <i>Ecklonia cava</i> Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Nutrients</i> , 2020, 12, 1361.	1.7	16
30	5-Bromo-3,4-dihydroxybenzaldehyde from <i>Polysiphonia morrowii</i> attenuate IgE/BSA-stimulated mast cell activation and passive cutaneous anaphylaxis in mice. <i>Biochemical Pharmacology</i> , 2020, 178, 114087.	2.0	18
31	Isolation of an antioxidant peptide from krill protein hydrolysates as a novel agent with potential hepatoprotective effects. <i>Journal of Functional Foods</i> , 2020, 67, 103889.	1.6	21
32	Antioxidant efficacy of (δ^{\sim})-loliolide isolated from <i>Sargassum horneri</i> against AAPH-induced oxidative damage in Vero cells and zebrafish models in vivo. <i>Journal of Applied Phycology</i> , 2020, 32, 3341-3348.	1.5	23
33	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.	3.6	29
34	Eckol from <i>Ecklonia cava</i> ameliorates TNF- α /IFN- γ -induced inflammatory responses via regulating MAPKs and NF- κ B signaling pathway in HaCaT cells. <i>International Immunopharmacology</i> , 2020, 82, 106146.	1.7	24
35	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.	7.8	38
36	Fucoidan Purified from <i>Sargassum polycystum</i> Induces Apoptosis through Mitochondria-Mediated Pathway in HL-60 and MCF-7 Cells. <i>Marine Drugs</i> , 2020, 18, 196.	2.2	27

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37	Human Keratinocyte UVB-Protective Effects of a Low Molecular Weight Fucoidan from <i>Sargassum horneri</i> Purified by Step Gradient Ethanol Precipitation. <i>Antioxidants</i> , 2020, 9, 340.	2.2	27
38	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.	2.4	28
39	Characterization and cytoprotective properties of <i>Sargassum natans</i> fucoidan against urban aerosol-induced keratinocyte damage. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 773-781.	3.6	11
40	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.	5.1	65
41	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.	2.0	33
42	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.	2.4	43
43	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.	3.7	69
44	<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.	2.4	35
45	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.	3.6	61
46	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, .	0.3	33
47	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.	1.2	14
48	Antiproliferative and apoptosis-inducing potential of 3 β -hydroxy- Δ^5 -steroidal congeners purified from the soft coral <i>Dendronephthya putteri</i> . <i>Journal of Oceanology and Limnology</i> , 2019, 37, 1382-1392.	0.6	3
49	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.	3.7	76
50	In Vivo Hepatoprotective Effects of a Peptide Fraction from Krill Protein Hydrolysates against Alcohol-Induced Oxidative Damage. <i>Marine Drugs</i> , 2019, 17, 690.	2.2	30
51	Algal polysaccharides: potential bioactive substances for cosmeceutical applications. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 99-113.	5.1	109
52	Differential modulation of immune response and cytokine profiles of <i>Sargassum horneri</i> ethanol extract in murine spleen with or without Concanavalin A stimulation. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 930-942.	2.5	27
53	Antioxidant and angiotensin-I converting enzyme inhibitory peptides from <i>Hippocampus abdominalis</i> . <i>European Food Research and Technology</i> , 2019, 245, 479-487.	1.6	13
54	An Aqueous Extract from <i>Batillus Cornutus</i> Meat Protects Against H ₂ O ₂ -Mediated Cellular Damage via Up-Regulation of Nrf2/HO-1 Signal Pathway in Chang Cells. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1155, 583-596.	0.8	3

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55	Cytoprotective Effects of an Aqueous Extracts from <i>Atrina Pectinata</i> Meat in H ₂ O ₂ -Induced Oxidative Stress in a Human Hepatocyte. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1155, 661-674.	0.8	5
56	Radio-Protective Effects of <i>Loliolus beka</i> 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.	0.8	3
57	<i>Ecklonia cava</i> (Laminariales) and <i>Sargassum horneri</i> (Fucales) synergistically inhibit the lipopolysaccharide-induced inflammation via blocking NF- κ B and MAPK pathways. <i>Algae</i> , 2019, 34, 45-56.	0.9	25
58	Hepatoprotective Activity of a Taurine-Rich Water Soluble Extract from <i>Octopus vulgaris</i> Meat. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1155, 691-703.	0.8	0
59	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.	5.6	85
60	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.	1.5	60
61	3-Chloro-4,5-dihydroxybenzaldehyde inhibits adipogenesis in 3T3-L1 adipocytes by regulating expression of adipogenic transcription factors and AMPK activation. <i>Chemico-Biological Interactions</i> , 2018, 287, 27-31.	1.7	6
62	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.	3.6	74
63	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.	1.4	25
64	Reduction of heavy metal (Pb ²⁺) biosorption in zebrafish model using alginic acid purified from <i>Ecklonia cava</i> and two of its synthetic derivatives. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 330-337.	3.6	40
65	Soft corals collected from Jeju Island inhibits the α -MSH-induced melanogenesis in B16F10 cells through activation of ERK. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, .	0.3	4
66	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.	0.6	6
67	<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
68	3 β -Hydroxy- Δ^5 -steroidal congeners from a column fraction of <i>Dendronephthya puetterii</i> attenuate LPS-induced inflammatory responses in RAW 264.7 macrophages and zebrafish embryo model. <i>RSC Advances</i> , 2018, 8, 18626-18634.	1.7	14
69	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.	2.9	79
70	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.	1.2	33
71	Squalene isolated from marine macroalgae <i>Caulerpa racemosa</i> and its potent antioxidant and anti-inflammatory activities. <i>Journal of Food Biochemistry</i> , 2018, 42, e12628.	1.2	22
72	Apoptotic and antiproliferative effects of Stigmast-5-en-3-ol from <i>Dendronephthya gigantea</i> on human leukemia HL-60 and human breast cancer MCF-7 cells. <i>Toxicology in Vitro</i> , 2018, 52, 297-305.	1.1	24

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73	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.	0.9	44
74	Effect of angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO) production of 6,6'-dieckol, a marine algal polyphenol and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2017, 58, 326-332.	1.8	33
75	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.	1.6	28
76	Amelioration of atopic-like skin conditions in NC/Nga mice by topical application with distilled <i>Alpinia intermedia</i> Gagnep extracts. <i>Journal of Dermatology</i> , 2017, 44, 1238-1247.	0.6	8
77	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.	0.8	4
78	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.	0.8	12
79	Identification of sterols from the soft coral <i>Dendronephthya gigantea</i> and their anti-inflammatory potential. <i>Environmental Toxicology and Pharmacology</i> , 2017, 55, 37-43.	2.0	24
80	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.	3.6	119
81	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.	0.7	129
82	FTIR characterization and antioxidant activity of water soluble crude polysaccharides of Sri Lankan marine algae. <i>Algae</i> , 2017, 32, 75-86.	0.9	157
83	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.	0.9	47
84	Potential anti-inflammatory natural products from marine algae. <i>Environmental Toxicology and Pharmacology</i> , 2016, 48, 22-30.	2.0	166
85	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.	1.7	37
86	A prebiotic role of <i>Ecklonia cava</i> improves the mortality of <i>Edwardsiella tarda</i> -infected zebrafish models via regulating the growth of lactic acid bacteria and pathogen bacteria. <i>Fish and Shellfish Immunology</i> , 2016, 54, 620-628.	1.6	21
87	Antioxidant Activity of Marine Algal Polyphenolic Compounds: A Mechanistic Approach. <i>Journal of Medicinal Food</i> , 2016, 19, 615-628.	0.8	145
88	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.	1.5	8
89	Soft corals collected from Jeju Island; a potential source of anti-inflammatory phytochemicals. <i>Journal of Chitin and Chitosan</i> , 2016, 21, 247-254.	0.1	13
90	Potential applications of radioprotective phytochemicals from marine algae. <i>Algae</i> , 2016, 31, 403-414.	0.9	24

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91	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.	0.9	72
92	Dieckol, a phlorotannin of <i>Ecklonia cava</i> , suppresses IgE-mediated mast cell activation and passive cutaneous anaphylactic reaction. <i>Experimental Dermatology</i> , 2015, 24, 968-970.	1.4	23
93	A sulfated polysaccharide of <i>Ecklonia cava</i> inhibits the growth of colon cancer cells by inducing apoptosis. <i>EXCLI Journal</i> , 2015, 14, 294-306.	0.5	23
94	Radio-protective Effect of a Polysaccharide from <i>Ishige okamurae</i> against Gamma Ray-irradiated Mouse Immune Cells. <i>Journal of Chitin and Chitosan</i> , 2015, 20, 229-236.	0.1	4
95	Whitening Effect of Octaphlorethol A Isolated from <i>Ishige foliacea</i> in an In Vivo Zebrafish Model. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 448-451.	0.9	24
96	Ultra-pure Soft Water Ameliorates Atopic Skin Disease by Preventing Metallic Soap Deposition in NC/Tnd Mice and Reduces Skin Dryness in Humans. <i>Acta Dermato-Venereologica</i> , 2014, 95, 787-91.	0.6	4
97	Protective effect of fucoidan against AAPH-induced oxidative stress in zebrafish model. <i>Carbohydrate Polymers</i> , 2014, 102, 185-191.	5.1	96
98	Protective effect of polyphenol extracted from <i>Ecklonia cava</i> against ethanol induced oxidative damage in vitro and in zebrafish model. <i>Journal of Functional Foods</i> , 2014, 6, 339-347.	1.6	23
99	Acidic polysaccharide of <i>Panax ginseng</i> regulates the mitochondria/caspase-dependent apoptotic pathway in radiation-induced damage to the jejunum in mice. <i>Acta Histochemica</i> , 2014, 116, 514-521.	0.9	26
100	The JNK/NF κ B pathway is required to activate murine lymphocytes induced by a sulfated polysaccharide from <i>Ecklonia cava</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2820-2829.	1.1	13
101	Radio-protective effect of polysaccharides isolated from <i>Lactobacillus brevis</i> -fermented <i>Ecklonia cava</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 52, 260-266.	3.6	21
102	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.	1.5	43
103	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.	1.8	47
104	Molecular characteristics and anti-inflammatory activity of the fucoidan extracted from <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , 2012, 89, 599-606.	5.1	123
105	Value-added fermentation of <i>Ecklonia cava</i> processing by-product and its antioxidant effect. <i>Journal of Applied Phycology</i> , 2012, 24, 201-209.	1.5	23
106	Phloroglucinol (PG) purified from <i>Ecklonia cava</i> attenuates radiation-induced apoptosis in blood lymphocytes and splenocytes. <i>Food and Chemical Toxicology</i> , 2011, 49, 2236-2242.	1.8	24
107	Anti-inflammatory activity of polysaccharide purified from AMG-assistant extract of <i>Ecklonia cava</i> in LPS-stimulated RAW 264.7 macrophages. <i>Carbohydrate Polymers</i> , 2011, 85, 80-85.	5.1	134
108	A Polysaccharide Isolated from <i>Ecklonia cava</i> Fermented by <i>Lactobacillus brevis</i> Inhibits the Inflammatory Response by Suppressing the Activation of Nuclear Factor- κ B in Lipopolysaccharide-Induced RAW 264.7 Macrophages. <i>Journal of Medicinal Food</i> , 2011, 14, 1546-1553.	0.8	11

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109	Enzyme-assisted extraction of Ecklonia cava fermented with Lactobacillus brevis and isolation of an anti-inflammatory polysaccharide. Algae, 2011, 26, 343-350.	0.9	19
110	Fucoxanthin inhibits the inflammatory response by suppressing the activation of NF- κ B and MAPKs in lipopolysaccharide-induced RAW 264.7 macrophages. European Journal of Pharmacology, 2010, 649, 369-375.	1.7	253
111	Fucoxanthin induces apoptosis in human leukemia HL-60 cells through a ROS-mediated Bcl-xL pathway. Toxicology in Vitro, 2010, 24, 1648-1654.	1.1	183