

# You-Jin Jeon

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Therapeutic Potential of Seaweed-Derived Bioactive Compounds for Cardiovascular Disease Treatment. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 1025	2.6	2
457	Anti-Adhesive Properties of Calcium Alginate from <i>Sargassum fusiforme</i> against Particulate Matter-Induced Inflammation. <i>Current Issues in Molecular Biology</i> , <b>2022</b> , 44, 626-639	2.9	
456	Detrimental impact of fine dust on zebrafish: Investigating a protective agent against ocular-damage using in vitro and in vivo models.. <i>Chemosphere</i> , <b>2022</b> , 293, 133602	8.4	
455	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> , <b>2022</b> , 162, 112862	4.7	1
454	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> , <b>2022</b> , 61, 102533	5	1
453	Antioxidant activity of olive flounder () surimi digest in in vitro and in vivo.. <i>Journal of Food Science and Technology</i> , <b>2022</b> , 59, 2071-2079	3.3	0
452	Diphlorethohydroxycarmalol Derived from Improves Behavioral and Physiological Responses of Muscle Atrophy Induced by Dexamethasone in an In-Vivo Model.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	1
451	<i>Sargassum horneri</i> inhibits fat accumulation via up-regulation of thermogenesis in obese mice. <i>Journal of Functional Foods</i> , <b>2022</b> , 92, 105022	5.1	1
450	Antioxidant potential of low molecular weight fucoidans from <i>Sargassum autumnale</i> against HO-induced oxidative stress in vitro and in zebrafish models based on molecular weight changes.. <i>Food Chemistry</i> , <b>2022</b> , 384, 132591	8.5	3
449	Ishophloroglucin A, Isolated from <i>Ishige okamurae</i> , Alleviates Dexamethasone-Induced Muscle Atrophy through Muscle Protein Metabolism In Vivo. <i>Marine Drugs</i> , <b>2022</b> , 20, 280	6	1
448	Utility of a Hydrolysate from Overproduced <i>Paralichthys olivaceus</i> for Hypertension Treatment: Correlation between Physical Properties and Potent Anti-Hypertensive Activities. <i>Marine Drugs</i> , <b>2022</b> , 20, 346	6	
447	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> , <b>2022</b> , 20, 354	6	1
446	3-Hydroxy-5,6-epoxy-Elonone 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> , <b>2021</b> , 11, 10929	2.6	1
445	Protection against Oxidative Stress-Induced Apoptosis by Fermented Sea Tangle ( <i>Aresch</i> ) in Osteoblastic MC3T3-E1 Cells through Activation of Nrf2 Signaling Pathway. <i>Foods</i> , <b>2021</b> , 10,	4.9	2
444	Comparision of Antioxidant and Physiological Activities of Processed Waters Generated during Red Bean Paste Preparation. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2021</b> , 50, 1168-1176 <sup>1.5</sup>		
443	Anti-Inflammatory Mechanisms of Fucoidans to Treat Inflammatory Diseases: A Review.. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	3
442	<i>Ishige okamurae</i> and diphloroethohydroxycarmalol inhibit palmitic acid-impaired skeletal myogenesis and improve muscle regenerative potential. <i>Journal of Functional Foods</i> , <b>2021</b> , 87, 104832	5.1	3

441	Polyphenol containing attenuated Th2 differentiation in splenocytes of ovalbumin-sensitised mice: involvement of the transcription factors GATA3/STAT5/NLRP3 in Th2 polarization. <i>Pharmaceutical Biology</i> , <b>2021</b> , 59, 1464-1472	3.8	0
440	Arsenic removal from the popular edible seaweed <i>Sargassum fusiforme</i> by sequential processing involving hot water, citric acid, and fermentation.. <i>Chemosphere</i> , <b>2021</b> , 133409	8.4	0
439	Zebrafish Model for Studying Dexamethasone-Induced Muscle Atrophy and Preventive Effect of Maca (). <i>Cells</i> , <b>2021</b> , 10,	7.9	1
438	Safety effect of fermented oyster extract on the endocrine disruptor assay in vitro and in vivo. <i>Fisheries and Aquatic Sciences</i> , <b>2021</b> , 24, 330-339	2.9	
437	Risk assessment of genetically modified zoysiagrasses ( <i>Zoysia japonica</i> ) in a zebrafish model. <i>Plant Biotechnology Reports</i> , <b>2021</b> , 15, 251-258	2.5	1
436	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> , <b>2021</b> , 9,	4.8	4
435	<i>Sargassum horneri</i> ethanol extract containing polyphenols attenuates PM-induced oxidative stress via ROS scavenging and transition metal chelation. <i>Journal of Functional Foods</i> , <b>2021</b> , 79, 104401	5.1	2
434	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> , <b>2021</b> , 54, 102209	5	6
433	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> , <b>2021</b> , 29, 685-696	4.2	7
432	Algae-Derived Anti-Inflammatory Compounds against Particulate Matters-Induced Respiratory Diseases: A Systematic Review. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	1
431	(-)-Loliolide Isolated from Suppressed Oxidative Stress and Inflammation by Activating Nrf2/HO-1 Signaling in IFN- $\gamma$ /TNF- $\alpha$ -Stimulated HaCaT Keratinocytes. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
430	Comparision of antioxidant and anti-inflammatory activities of enzyme assisted hydrolysate from <i>Ecklonia maxima</i> blades and stipe. <i>Fisheries and Aquatic Sciences</i> , <b>2021</b> , 24, 197-206	2.9	0
429	In Vitro and In Vivo Anti-Inflammatory Effects of Sulfated Polysaccharides Isolated from the Edible Brown Seaweed,. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	4
428	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> , <b>2021</b> , 19,	6	3
427	Purification and Structural Characterization of Sulfated Polysaccharides Derived from Brown Algae, : Inhibitory Mechanism of iNOS and COX-2 Pathway Interaction. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
426	Phloroglucinol and dieckol isolated from <i>Ecklonia cava</i> suppress impaired diabetic angiogenesis; A study of in-vitro and in-vivo. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 138, 111431	7.5	1
425	<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> , <b>2021</b> , 273, 114003	5	8
424	Loliolide, isolated from <i>Sargassum horneri</i> ; abate LPS-induced inflammation via TLR mediated NF- $\kappa$ B, MAPK pathways in macrophages. <i>Algal Research</i> , <b>2021</b> , 56, 102297	5	3

423	Fucoidan isolated from Hizikia fusiforme suppresses ultraviolet B-induced photodamage by down-regulating the expressions of matrix metalloproteinases and pro-inflammatory cytokines via inhibiting NF- $\kappa$ B, AP-1, and MAPK signaling pathways. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 166, 751-759	7.9	13
422	Sargassum horneri (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> , <b>2021</b> , 265, 113340	5	6
421	Sargassum horneri ethanol extract ameliorates TNF- $\alpha$ /IFN- $\gamma$ -induced inflammation in human keratinocytes and TPA-induced ear edema in mice. <i>Food Bioscience</i> , <b>2021</b> , 39, 100831	4.9	5
420	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> , <b>2021</b> , 43, 303-312	2.1	26
419	Drying seaweeds using hybrid hot water Goodle dryer (HHGD): comparison with freeze-dryer in chemical composition and antioxidant activity. <i>Fisheries and Aquatic Sciences</i> , <b>2021</b> , 24, 19-31	2.9	1
418	Fucoxanthin-rich fraction from alleviates particulate matter-induced inflammation and. <i>Toxicology Reports</i> , <b>2021</b> , 8, 349-358	4.8	12
417	Potential Antioxidant Properties of Enzymatic Hydrolysates from against Hydrogen Peroxide-Induced Oxidative Stress. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
416	Lipid Inhibitory Effect of (-)-loliolide Isolated from in 3T3-L1 Adipocytes: Inhibitory Mechanism of Adipose-Specific Proteins. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	2
415	Ca-Dependent Glucose Transport in Skeletal Muscle by Diphlorethohydroxycarmalol, an Alga Phlorotannin: and Study. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 8893679	6.7	2
414	Fucoidan isolated from the popular edible brown seaweed Sargassum fusiforme suppresses lipopolysaccharide-induced inflammation by blocking NF- $\kappa$ B signal pathway. <i>Journal of Applied Phycology</i> , <b>2021</b> , 33, 1845-1852	3.2	4
413	Dieckol, an Algae-Derived Phenolic Compound, Suppresses UVB-Induced Skin Damage in Human Dermal Fibroblasts and Its Underlying Mechanisms. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
412	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> , <b>2021</b> , 19,	6	8
411	Anthocyanins from L. Inhibit NLRP3 Inflammasome in BV2 Microglia Cells by Alleviating NF- $\kappa$ B- and ER Stress-Induced Ca Accumulation and Mitochondrial ROS Production. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 1246491	6.7	8
410	Saringosterol acetate isolated from Hizikia fusiforme, an edible brown alga, suppressed hepatocellular carcinoma growth and metastasis in a zebrafish xenograft model. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 335, 109362	5	5
409	Diphlorethohydroxycarmalol Isolated from Exerts Vasodilatory Effects via Calcium Signaling and PI3K/Akt/eNOS Pathway. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
408	A Flounder Fish Peptide Shows Anti-Hypertensive Effects by Suppressing the Renin-Angiotensin-Aldosterone System and Endothelin-1. <i>Protein and Peptide Letters</i> , <b>2021</b> , 28, 831-840	1.9	2
407	Sarcopenia; functional concerns, molecular mechanisms involved, and seafood as a nutritional intervention - review article. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-21	11.5	1
406	Sargachromenol Purified from Inhibits Inflammatory Responses via Activation of Nrf2/HO-1 Signaling in LPS-Stimulated Macrophages. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	3

405	Fisetin promotes osteoblast differentiation and osteogenesis through GSK-3 $\beta$ phosphorylation at Ser9 and consequent $\beta$ -catenin activation, inhibiting osteoporosis. <i>Biochemical Pharmacology</i> , <b>2021</b> , 192, 114676	6	4
404	Anthocyanin-enriched polyphenols from Hibiscus syriacus L. (Malvaceae) exert anti-osteoporosis effects by inhibiting GSK-3 $\beta$ and subsequently activating $\beta$ -catenin. <i>Phytomedicine</i> , <b>2021</b> , 91, 153721	6.5	3
403	Particulate Matter-Induced Inflammation/Oxidative Stress in Macrophages: Fucosterol from as a Potent Protector, Activated via NF- $\kappa$ B/MAPK Pathways and Nrf2/HO-1 Involvement. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	6
402	Alginate Acid from Abate Particulate Matter-Induced Inflammatory Responses in Keratinocytes and Dermal Fibroblasts. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
401	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- $\kappa$ B, AP-1, and MAPKs signaling pathways. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 146, 111823	4.7	9
400	Anti-Obesity Effects of via Downregulation of Adipogenesis Gene and Upregulation of Thermogenic Genes in High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	10
399	Isolation, Characterization, and Antioxidant Activity Evaluation of a Fucoidan from an Enzymatic Digest of the Edible Seaweed,. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	24
398	(-)-Loliolide Isolated from Protects against Fine Dust-Induced Oxidative Stress in Human Keratinocytes. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	11
397	Eckol from Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	7
396	Fucoidan from acid-processed Hizikia fusiforme attenuates oxidative damage and regulate apoptosis. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 160, 390-397	7.9	14
395	Oral administration of polyphenol-rich Sargassum horneri suppresses particulate matter exacerbated airway inflammation in murine allergic asthma: Relevance to the TLR mediated NF- $\kappa$ B pathway inhibition. <i>Journal of Functional Foods</i> , <b>2020</b> , 71, 103991	5.1	8
394	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> , <b>2020</b> , 29, 544-552	1.6	1
393	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> , <b>2020</b> , 48, 101891	5	14
392	Effect of fermented oyster extract on growth promotion in Sprague-Dawley rats. <i>Integrative Medicine Research</i> , <b>2020</b> , 9, 100412	2.7	3
391	Algae Metabolites in Cosmeceutical: An Overview of Current Applications and Challenges. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	31
390	Antioxidant efficacy of (-)-Loliolide isolated from Sargassum horneri against AAPH-induced oxidative damage in Vero cells and zebrafish models in vivo. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 3341-3348	3.2	16
389	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> , <b>2020</b> , 163, 26-35	7.9	14
388	Protective Effect of Diphlorethohydroxycarmalol Isolated from Against Particulate Matter-Induced Skin Damage by Regulation of NF- $\kappa$ B, AP-1, and MAPKs Signaling Pathways In Vitro in Human Dermal Fibroblasts. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7

387	Characterization and anti-tumor activity of saponin-rich fractions of South Korean sea cucumbers (). <i>Journal of Food Science and Technology</i> , <b>2020</b> , 57, 2283-2292	3.3	12
386	Anti-obesity effects of red seaweed, <i>Plocamium telfairiae</i> , in C57BL/6 mice fed a high-fat diet. <i>Food and Function</i> , <b>2020</b> , 11, 2299-2308	6.1	15
385	Structural Evidence for Antihypertensive Effect of an Antioxidant Peptide Purified from the Edible Marine Animal. <i>Journal of Medicinal Food</i> , <b>2020</b> , 23, 132-138	2.8	9
384	Therapeutic potential of algal natural products against metabolic syndrome: A review of recent developments. <i>Trends in Food Science and Technology</i> , <b>2020</b> , 97, 286-299	15.3	27
383	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> , <b>2020</b> , 12,	6.7	19
382	Antioxidant potential of extract against urban particulate matter-induced oxidation. <i>Food Science and Biotechnology</i> , <b>2020</b> , 29, 855-865	3	11
381	Fucoidan Purified from Induces Apoptosis through Mitochondria-Mediated Pathway in HL-60 and MCF-7 Cells. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	10
380	Antioxidant Potential of Sulfated Polysaccharides from ; Protective Effect against Oxidative Stress in In Vitro and In Vivo Zebrafish Model. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	18
379	Human Keratinocyte UVB-Protective Effects of a Low Molecular Weight Fucoidan from Purified by Step Gradient Ethanol Precipitation. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	14
378	Ethanol Extract of <i>Hizikia fusiforme</i> 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> , <b>2020</b> , 21, 1275-1282	1.7	3
377	Anti-Hypertensive Activity of Novel Peptides Identified from Olive Flounder () Surimi. <i>Foods</i> , <b>2020</b> , 9,	4.9	9
376	Protective Effects of Fucoidan Isolated from Cellucast-Assisted Extract of Sporophylls against AAPH-Induced Oxidative Stress In Vitro and In Vivo Zebrafish Model. <i>Molecules</i> , <b>2020</b> , 25,	4.8	13
375	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> , <b>2020</b> , 35, 189-200	2.4	5
374	Sulfoquinovosylmonoacylglycerols regulating intestinal inflammation in co-culture system from the brown alga <i>Turbinaria ornata</i> . <i>Algae</i> , <b>2020</b> , 35, 201-212	2.4	3
373	Anti-allergy effect of mojabanchromanol isolated from <i>Sargassum horneri</i> in bone marrow-derived cultured mast cells. <i>Algal Research</i> , <b>2020</b> , 48, 101898	5	13
372	Characterization and cytoprotective properties of <i>Sargassum natans</i> fucoidan against urban aerosol-induced keratinocyte damage. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 159, 773-781	7.9	7
371	Protective effect of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> against UVB-induced damage in vitro in human dermal fibroblasts and in vivo in zebrafish. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 136, 110963	4.7	21
370	<i>Sargassum horneri</i> (Turner) inhibit urban particulate matter-induced inflammation in MH-S lung macrophages via blocking TLRs mediated NF- $\kappa$ B and MAPK activation. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 249, 112363	5	27



369	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> , <b>2020</b> , 88, 189-196	4.8	2
368	Anti-inflammatory and anti-melanogenesis activities of sulfated polysaccharides isolated from Hizikia fusiforme: Short communication. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 142, 545-550	7.9	18
367	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> , <b>2020</b> , 32, 2387-2396	3.2	6
366	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> , <b>2020</b> , 25,	4.8	1
365	Hepato-protective effect of fucoidan extracted from acid-processed Sargassum fusiformis in ethanol-treated Chang liver cells and in a zebrafish model. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 4289-4298	7.3	6
364	Mojabanchromanol Isolated from Attenuates Particulate Matter Induced Inflammatory Responses via Suppressing TLR2/4/7-MAPK Signaling in MLE-12 Cells. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	3
363	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> , <b>2020</b> , 265, 114094	9.3	14
362	Ishophloroglucin A, derived from Ishige okamurae, regulates high-fat-diet-induced fat accumulation via the leptin signaling pathway, associated with peripheral metabolism. <i>Algal Research</i> , <b>2020</b> , 50, 101974	5.4	2
361	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> , <b>2020</b> , 164, 149-161	7.9	17
360	In vitro and in vivo anti-inflammatory activities of a sterol-enriched fraction from freshwater green alga, Spirogyra sp.. <i>Fisheries and Aquatic Sciences</i> , <b>2020</b> , 23,	2.9	5
359	as a Functional Food Ameliorated IgE/BSA-Induced Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	7
358	Anti-Inflammatory Effects of Sulfated Polysaccharide from in Macrophages via Blocking TLR/NF- $\kappa$ B Signal Transduction. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	12
357	The Potential of Sulfated Polysaccharides Isolated from the Brown Seaweed in Cosmetics: Antioxidant, Anti-melanogenesis, and Photoprotective Activities. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	12
356	In Vitro and In Vivo Antitumor Efficacy of Celluclast Extract against Bladder Cancer. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	2
355	Ethanollic Extract of Hippocampus abdominalis Exerts Anti-Melanogenic Effects in B16F10 Melanoma Cells and Zebrafish Larvae by Activating the ERK Signaling Pathway. <i>Cosmetics</i> , <b>2020</b> , 7, 1	2.7	5
354	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> , <b>2020</b> , 691, 108512	4.1	6
353	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> , <b>2020</b> , 24, 12211-12218	5.6	1
352	Diphlorethohydroxycarmalol (DPHC) Isolated from the Brown Alga Acts on Inflammatory Myopathy as an Inhibitory Agent of TNF- $\alpha$ <i>Marine Drugs</i> , <b>2020</b> , 18,	6	9

351	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> , <b>2020</b> , 23,	2.9	1
350	Ishophloroglucin A Isolated from Suppresses Melanogenesis Induced by EMSH: In Vitro and In Vivo. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	4
349	Anti-Photoaging and Anti-Melanogenesis Effects of Fucoidan Isolated from and Its Underlying Mechanisms. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	12
348	Oral Administration of Improves the HDM/DNCB-Induced Atopic Dermatitis in NC/Nga Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	5
347	In vitro and in vivo anti-inflammatory activities of a fucose-rich fucoidan isolated from Saccharina japonica. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 156, 717-729	7.9	30
346	Padina boryana, 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> , <b>2020</b> , 23,	2.9	5
345	Octominin Inhibits LPS-Induced Chemokine and Pro-inflammatory Cytokine Secretion from RAW 264.7 Macrophages via Blocking TLRs/NF- $\kappa$ B Signal Transduction. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	13
344	Particulate Matter 2.5 Mediates Cutaneous Cellular Injury by Inducing Mitochondria-Associated Endoplasmic Reticulum Stress: Protective Effects of Ginsenoside Rb1. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	9
343	Antihypertensive effect of surimi prepared from olive flounder ( <i>Paralichthys olivaceus</i> ) by angiotensin-I converting enzyme (ACE) inhibitory activity and characterization of ACE inhibitory peptides. <i>Process Biochemistry</i> , <b>2019</b> , 80, 164-170	4.8	17
342	Pyrogallol-Phloroglucinol-6,6Qbieckol from Improved Blood Circulation in Diet-Induced Obese and Diet-Induced Hypertension Mouse Models. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	21
341	Development of growth-promoting substances for diatoms ( <i>Navicula</i> sp.). <i>Aquaculture International</i> , <b>2019</b> , 27, 1343-1352	2.6	1
340	Fermented Oyster Extract Prevents Ovariectomy-Induced Bone Loss and Suppresses Osteoclastogenesis. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	10
339	A mixture of seaweed extracts and glycosaminoglycans from sea squirts inhibits EMSH-induced melanogenesis in B16F10 melanoma cells. <i>Fisheries and Aquatic Sciences</i> , <b>2019</b> , 22,	2.9	11
338	Protective effect of diphlorethohydroxycarmalol against oxidative stress-induced DNA damage and apoptosis in retinal pigment epithelial cells. <i>Cutaneous and Ocular Toxicology</i> , <b>2019</b> , 38, 298-308	1.8	10
337	Sargassum horneri and isolated 6-hydroxy-4,4,7a-trimethyl-5,6,7,7a-tetrahydrobenzofuran-2(4H)-one (HTT); LPS-induced inflammation attenuation via suppressing NF- $\kappa$ B, MAPK and oxidative stress through Nrf2/HO-1 pathways in RAW 264.7 macrophages. <i>Algal Research</i> , <b>2019</b> , 40, 101513	5	23
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> , <b>2019</b> , 17,	6	37
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334	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> , <b>2019</b> , 20,	6.3	17



333	Anti-oxidant and anti-inflammatory activities of ultrasonic-assistant extracted polyphenol-rich compounds from <i>Sargassum muticum</i> . <i>Journal of Oceanology and Limnology</i> , <b>2019</b> , 37, 836-847	1.5	13
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331	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> , <b>2019</b> , 16,	4.6	6
330	Ethanol extract separated from <i>Sargassum horneri</i> (Turner) abate LPS-induced inflammation in RAW 264.7 macrophages. <i>Fisheries and Aquatic Sciences</i> , <b>2019</b> , 22,	2.9	22
329	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> , <b>2019</b> , 28, 264-274	1.6	5
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327	Anti-Obesity and Anti-Diabetic Effects of. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	12
326	Antiproliferative and apoptosis-inducing potential of 3 $\beta$ -hydroxy- $\Delta^5$ -steroidal congeners purified from the soft coral <i>Dendronephthya putteri</i> . <i>Journal of Oceanology and Limnology</i> , <b>2019</b> , 37, 1382-1392	1.5	3
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323	Advances in functionalizing fucoidans and alginates (bio)polymers by structural modifications: A review. <i>Chemical Engineering Journal</i> , <b>2019</b> , 355, 33-48	14.7	65
322	Fucoidan isolated from <i>Padina commersonii</i> inhibit LPS-induced inflammation in macrophages blocking TLR/NF- $\kappa$ B signal pathway. <i>Carbohydrate Polymers</i> , <b>2019</b> , 224, 115195	10.3	36
321	A keratinocyte and integrated fibroblast culture model for studying particulate matter-induced skin lesions and therapeutic intervention of fucosterol. <i>Life Sciences</i> , <b>2019</b> , 233, 116714	6.8	22
320	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> , <b>2019</b> , 17,	6	3
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316	Protective effect of green tea catechin against urban fine dust particle-induced skin aging by regulation of NF- $\kappa$ B, AP-1, and MAPKs signaling pathways. <i>Environmental Pollution</i> , <b>2019</b> , 252, 1318-1324	9.3	41

315	In Vitro and In Vivo Antioxidant Activities of Polysaccharides Isolated from Celluclast-Assisted Extract of an Edible Brown Seaweed,. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	28
314	Protective effect of sulfated polysaccharides from a Celluclast-assisted extract of Hizikia fusiforme against ultraviolet B-induced photoaging in vitro in human keratinocytes and in vivo in zebrafish. <i>Marine Life Science and Technology</i> , <b>2019</b> , 1, 104-111	4.5	11
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311	Protective Effect of 3-Bromo-4,5-Dihydroxybenzaldehyde from Harvey against Hydrogen Peroxide-Induced Oxidative Stress In Vitro and In Vivo. <i>Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 29, 1193-1203	3.3	11
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303	Inhibition of Adipogenesis by Diphlorethohydroxycarmalol (DPHC) through AMPK Activation in Adipocytes. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	18
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294	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> , <b>2018</b> , 107, 803-807	7.9	47
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229	Protective effects of polysaccharides from <i>Psidium guajava</i> leaves against oxidative stresses. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 804-11	7.9	26
228	Bioactive properties and potentials cosmeceutical applications of phlorotannins isolated from brown seaweeds: A review. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2016</b> , 162, 100-105	6.7	102
227	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> , <b>2016</b> , 50, 16-20	4.3	12
226	<i>Mori folium</i> inhibits interleukin-1 $\beta$ -induced expression of matrix metalloproteinases and inflammatory mediators by suppressing the activation of NF- $\kappa$ B and p38 MAPK in SW1353 human chondrocytes. <i>International Journal of Molecular Medicine</i> , <b>2016</b> , 37, 452-60	4.4	26



225	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> , <b>2016</b> , 242, 163-170	3.4	5
224	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> , <b>2016</b> , 90, 36-44	4.7	66
223	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> , <b>2016</b> , 51, 535-541	4.8	57
222	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> , <b>2016</b> , 91, 58-64	4.7	37
221	Soft corals collected from Jeju Island; a potential source of anti-inflammatory phytochemicals. <i>Journal of Chitin and Chitosan</i> , <b>2016</b> , 21, 247-254	2	12
220	Anti-proliferative effect of eight ethanolic extracts from soft corals on human leukemia cell line HL-60.. <i>Journal of Chitin and Chitosan</i> , <b>2016</b> , 21, 261-266	2	4
219	Separation of glycine-rich proteins from sea hare eggs and their anti-cancer activity against U937 leukemia cell line. <i>EXCLI Journal</i> , <b>2016</b> , 15, 329-42	2.4	2
218	Potential applications of radioprotective phytochemicals from marine algae. <i>Algae</i> , <b>2016</b> , 31, 403-414	2.4	20
217	Anti-inflammatory and anti-cancer activities of sterol rich fraction of cultured marine microalga <i>Nannochloropsis oculata</i> . <i>Algae</i> , <b>2016</b> , 31, 277-287	2.4	52
216	Antioxidant Activity of Pepsin Hydrolysate Derived from Edible <i>Hippocampus abdominalis</i> in vitro and in Zebrafish Models. <i>Hangjuk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society</i> , <b>2016</b> , 49, 445-453		3
215	APO-9Q Fucoxanthinone Extracted from <i>Undaria pinnatifida</i> Protects Oxidative Stress-Mediated Apoptosis in Cigarette Smoke-Exposed Human Airway Epithelial Cells. <i>Marine Drugs</i> , <b>2016</b> , 14,	6	7
214	A single-step isolation of useful antioxidant compounds from <i>Ishige okamurae</i> by using centrifugal partition chromatography. <i>Fisheries and Aquatic Sciences</i> , <b>2016</b> , 19,	2.9	14
213	Popular edible seaweed, <i>Gelidium amansii</i> prevents against diet-induced obesity. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 90, 181-7	4.7	46
212	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> , <b>2016</b> , 51, 313-320	4.3	23
211	Potential anti-inflammatory natural products from marine algae. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 48, 22-30	5.8	122
210	Rapid preparation of functional polysaccharides from <i>Pyropia yezoensis</i> by microwave-assistant rapid enzyme digest system. <i>Carbohydrate Polymers</i> , <b>2016</b> , 153, 512-517	10.3	24
209	A marine algal polyphenol, dieckol, attenuates blood glucose levels by Akt pathway in alloxan induced hyperglycemia zebrafish model. <i>RSC Advances</i> , <b>2016</b> , 6, 78570-78575	3.7	33
208	Enzyme-Assisted Extraction to Prepare Bioactive Peptides from Microalgae <b>2015</b> , 305-318		4

207	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> , <b>2015</b> , 39, 962-8	5.8	9
206	Gallic acid isolated from <i>Spirogyra</i> sp. improves cardiovascular disease through a vasorelaxant and antihypertensive effect. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 39, 764-72	5.8	72
205	The administration of <i>Fructus Schisandrae</i> attenuates dexamethasone-induced muscle atrophy in mice. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 36, 29-42	4.4	34
204	Protective effect of marine brown algal polyphenols against oxidative stressed zebrafish with high glucose. <i>RSC Advances</i> , <b>2015</b> , 5, 25738-25746	3.7	26
203	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> , <b>2015</b> , 25, 246-251	2	14
202	Antioxidant activity of polysaccharide purified from <i>Acanthopanax koreanum</i> Nakai stems in vitro and in vivo zebrafish model. <i>Carbohydrate Polymers</i> , <b>2015</b> , 127, 38-46	10.3	45
201	Angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO)-mediated antihypertensive effect of octaphloretol A isolated from <i>Ishige sinicola</i> : In vitro molecular mechanism and in vivo SHR model. <i>Journal of Functional Foods</i> , <b>2015</b> , 18, 289-299	5.1	20
200	Enzyme-Assisted Extraction of a Marine Algal Polysaccharide, Fucoidan and Bioactivities <b>2015</b> , 1065-1077		2
199	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> , <b>2015</b> , 168, 572-9	8.5	27
198	First evidence that <i>Ecklonia cava</i> -derived dieckol attenuates MCF-7 human breast carcinoma cell migration. <i>Marine Drugs</i> , <b>2015</b> , 13, 1785-97	6	30
197	Capgermacrenes A and B, Bioactive Secondary Metabolites from a Bornean Soft Coral, <i>Capnella</i> sp. <i>Marine Drugs</i> , <b>2015</b> , 13, 3103-15	6	13
196	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> , <b>2015</b> , 9, 219-26	2.1	28
195	Dieckol, a phlorotannin of <i>Ecklonia cava</i> , suppresses IgE-mediated mast cell activation and passive cutaneous anaphylactic reaction. <i>Experimental Dermatology</i> , <b>2015</b> , 24, 968-70	4	15
194	Brown Alga <i>Ecklonia cava</i> polyphenol extract ameliorates hepatic lipogenesis, oxidative stress, and inflammation by activation of AMPK and SIRT1 in high-fat diet-induced obese mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 349-59	5.7	63
193	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> , <b>2015</b> , 6, 853-8	6.1	43
192	Marine-Derived Pharmaceuticals and Future Prospects <b>2015</b> , 957-968		
191	Cell proliferation effect of brown marine algae extracts on Mouse Fibroblast. <i>Journal of Marine Bioscience and Biotechnology</i> , <b>2015</b> , 7, 28-34		1
190	A sulfated polysaccharide of <i>Ecklonia cava</i> inhibits the growth of colon cancer cells by inducing apoptosis. <i>EXCLI Journal</i> , <b>2015</b> , 14, 294-306	2.4	20

189	Anti-inflammatory effects of enzymatic hydrolysates of velvet antler in RAW 264.7 cells in vitro and zebrafish model. <i>EXCLI Journal</i> , <b>2015</b> , 14, 1122-32	2.4	18
188	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. <i>EXCLI Journal</i> , <b>2015</b> , 14, 900-7	2.4	
187	Whitening Effect of Octaphlorethol A Isolated from Ishige foliacea in an In Vivo Zebrafish Model. <i>Journal of Microbiology and Biotechnology</i> , <b>2015</b> , 25, 448-51	3.3	18
186	Evaluation of phlorofucofuroeckol-A isolated from Ecklonia cava (Phaeophyta) on anti-lipid peroxidation in vitro and in vivo. <i>Algae</i> , <b>2015</b> , 30, 313-323	2.4	26
185	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> , <b>2015</b> , 18, 35-44	2.9	3
184	Enrichment and purification of marine polyphenol phlorotannins using macroporous adsorption resins. <i>Food Chemistry</i> , <b>2014</b> , 162, 135-42	8.5	55
183	Apoptotic anticancer activity of a novel fatty alcohol ester isolated from cultured marine diatom, Phaeodactylum tricornutum. <i>Journal of Functional Foods</i> , <b>2014</b> , 6, 231-240	5.1	44
182	In vitro and in vivo antioxidant activities of polysaccharide purified from aloe vera (Aloe barbadensis) gel. <i>Carbohydrate Polymers</i> , <b>2014</b> , 99, 365-71	10.3	103
181	Assessment of anti-inflammatory effect of 5-hydroxypalissadin B isolated from red seaweed Laurencia snackeyi in zebrafish embryo in vivo model. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 37, 110-7	5.8	35
180	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> , <b>2014</b> , 11, 304-312	5.1	26
179	Octaphlorethol A: a potent $\alpha$ -glucosidase inhibitor isolated from Ishige foliacea shows an anti-hyperglycemic effect in mice with streptozotocin-induced diabetes. <i>Food and Function</i> , <b>2014</b> , 5, 2602-8	6.1	15
178	Antidiabetogenic and antioxidative effects of octaphlorethol a isolated from the brown algae Ishige foliacea in streptozotocin-induced diabetic mice. <i>Food Science and Biotechnology</i> , <b>2014</b> , 23, 1261-1266	12.6	8
177	Preparative isolation and purification of phlorotannins from Ecklonia cava using centrifugal partition chromatography by one-step. <i>Food Chemistry</i> , <b>2014</b> , 158, 433-7	8.5	58
176	Octaphlorethol A isolated from Ishige foliacea prevents and protects against high glucose-induced oxidative damage in vitro and in vivo. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 38, 607-15	5.8	8
175	Protective effect of aquacultured flounder fish-derived peptide against oxidative stress in zebrafish. <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 36, 320-3	4.3	32
174	Protective effect of fucoidan against AAPH-induced oxidative stress in zebrafish model. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 185-91	10.3	79
173	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> , <b>2014</b> , 6, 339-347	5.1	19
172	Sulfated chitosan oligosaccharides suppress LPS-induced NO production via JNK and NF- $\kappa$ B inactivation. <i>Molecules</i> , <b>2014</b> , 19, 18232-47	4.8	36

171	Fucoidan inhibits the proliferation of human urinary bladder cancer T24 cells by blocking cell cycle progression and inducing apoptosis. <i>Molecules</i> , <b>2014</b> , 19, 5981-98	4.8	45
170	Preparation of Useful Components from Marine Algal Processing By-products and Their Applications <b>2014</b> , 551-564		1
169	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> , <b>2014</b> , 29, 343-353	2.4	6
168	6-7-Dimethoxy-4-methylcoumarin suppresses pro-inflammatory mediator expression through inactivation of the NF- $\kappa$ B and MAPK pathways in LPS-induced RAW 264.7 cells. <i>EXCLI Journal</i> , <b>2014</b> , 13, 792-800	2.4	1
167	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> , <b>2014</b> , 24, 1346-53	3.3	24
166	Electron spin resonance spectroscopic measurement of antioxidant activity of organic solvent extracts derived from the methanolic extracts of Sri Lankan thebu leaves ( <i>Costus speciosus</i> ). <i>Journal of the National Science Foundation of Sri Lanka</i> , <b>2014</b> , 42, 209	1.6	3
165	Anticancer and antioxidant effects of selected Sri Lankan marine algae. <i>Journal of the National Science Foundation of Sri Lanka</i> , <b>2014</b> , 42, 315	1.6	13
164	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> , <b>2014</b> , 29, 165-174	2.4	34
163	5-Hydroxypalisadin B isolated from red alga <i>Laurencia snackeyi</i> attenuates inflammatory response in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Algae</i> , <b>2014</b> , 29, 333-341	2.4	17
162	Fucoxanthin derivatives from <i>Sargassum siliquastrum</i> inhibit matrix metalloproteinases by suppressing NF- $\kappa$ B and MAPKs in human fibrosarcoma cells. <i>Algae</i> , <b>2014</b> , 29, 355-366	2.4	10
161	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> , <b>2014</b> , 17, 215-222	2.9	7
160	Future Prospects and Health Benefits of Functional Ingredients from Marine Bio-resources: A review. <i>Fisheries and Aquatic Sciences</i> , <b>2014</b> , 17, 275-290	2.9	5
159	Overexpression and Refolding of BACE2. <i>Hangguk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society</i> , <b>2014</b> , 47, 370-375		1
158	Dieckol Suppresses CoCl <sub>2</sub> -induced Angiogenesis in Endothelial Cells. <i>Fisheries and Aquatic Sciences</i> , <b>2014</b> , 17, 305-311	2.9	1
157	Development of Bioactive Substances from Fishery Processing by-products in Jeju. <i>Journal of Marine Bioscience and Biotechnology</i> , <b>2014</b> , 6, 62-67		
156	Enzyme-Assisted Extraction of a Marine Algal Polysaccharide, Fucoidan and Bioactivities <b>2014</b> , 1-11		1
155	The JNK/NF $\kappa$ 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> , <b>2013</b> , 1830, 2820-9	4	13
154	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> , <b>2013</b> , 59, 521-6	4.7	34

153	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> , <b>2013</b> , 25, 1805-1813	3.3	31
152	Purification and identification of novel angiotensin-I converting enzyme (ACE) inhibitory peptides from cultured marine microalgae ( <i>Nannochloropsis oculata</i> ) protein hydrolysate. <i>Journal of Applied Phycology</i> , <b>2013</b> , 25, 1595-1606	3.2	68
151	Application of yeast <i>Candida utilis</i> to ferment <i>Eisenia bicyclis</i> for enhanced antibacterial effect. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 171, 569-82	3.2	20
150	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- $\kappa$ B signaling pathways in LPS-activated RAW 264.7 cells. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 57, 126-31	4.7	79
149	Dieckol, a phlorotannin isolated from a brown seaweed, <i>Ecklonia cava</i> , inhibits adipogenesis through AMP-activated protein kinase (AMPK) activation in 3T3-L1 preadipocytes. <i>Environmental Toxicology and Pharmacology</i> , <b>2013</b> , 36, 1253-60	5.8	66
148	Protective effect of a marine polyphenol, dieckol against carbon tetrachloride-induced acute liver damage in mouse. <i>Environmental Toxicology and Pharmacology</i> , <b>2013</b> , 35, 517-23	5.8	34
147	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> , <b>2013</b> , 62, 54-60	4.7	36
146	Protective effect of marine algae phlorotannins against AAPH-induced oxidative stress in zebrafish embryo. <i>Food Chemistry</i> , <b>2013</b> , 138, 950-5	8.5	88
145	Radio-protective effect of polysaccharides isolated from <i>Lactobacillus brevis</i> -fermented <i>Ecklonia cava</i> . <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 52, 260-6	7.9	19
144	Purification and determination of two novel antioxidant peptides from flounder fish ( <i>Paralichthys olivaceus</i> ) using digestive proteases. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 52, 113-20	4.7	103
143	Octaphlorethol A, a novel phenolic compound isolated from <i>Ishige foliacea</i> , protects against streptozotocin-induced pancreatic $\beta$ -cell damage by reducing oxidative stress and apoptosis. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 59, 643-9	4.7	30
142	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> , <b>2013</b> , 53, 371-5	4.7	40
141	Dieckol isolated from brown seaweed <i>Ecklonia cava</i> attenuates type II diabetes in db/db mouse model. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 53, 294-8	4.7	104
140	Inhibition of tumor growth in vitro and in vivo by fucoxanthin against melanoma B16F10 cells. <i>Environmental Toxicology and Pharmacology</i> , <b>2013</b> , 35, 39-46	5.8	78
139	Protective effect of dieckol isolated from <i>Ecklonia cava</i> against ethanol caused damage in vitro and in zebrafish model. <i>Environmental Toxicology and Pharmacology</i> , <b>2013</b> , 36, 1217-26	5.8	27
138	Anti-diabetic effects of brown algae derived phlorotannins, marine polyphenols through diverse mechanisms. <i>Phytotherapy Research</i> , <b>2013</b> , 27, 129-36	3.2	148
137	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> , <b>2013</b> , 25, 1207-1213	3.2	32
136	Anti-inflammatory effect of fucoxanthin extracted from <i>Ecklonia cava</i> in zebrafish model. <i>Carbohydrate Polymers</i> , <b>2013</b> , 92, 84-9	10.3	111



135	Purification of antioxidative peptide from peptic hydrolysates of Mideodeok ( <i>Styela clava</i> ) flesh tissue. <i>Food Science and Biotechnology</i> , <b>2013</b> , 22, 541-547	3	16
134	Effect of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> on apoptosis in 3 T3-L1 preadipocytes. <i>Phytotherapy Research</i> , <b>2013</b> , 27, 931-6	6.7	23
133	Octaphlorethol A inhibits the CpG-induced inflammatory response by attenuating the mitogen-activated protein kinase and NF- $\kappa$ B pathways. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2013</b> , 77, 1970-2	2.1	14
132	The promoting effect of <i>Ishige sinicola</i> on hair growth. <i>Marine Drugs</i> , <b>2013</b> , 11, 1783-99	6	17
131	Marine peptides for preventing metabolic syndrome. <i>Current Protein and Peptide Science</i> , <b>2013</b> , 14, 183-8.8		8
130	Inhibitory Effect of <i>Sargassum patens</i> on Inflammation and Melanogenesis. <i>International Journal of Pharmacology</i> , <b>2013</b> , 9, 524-532	0.7	6
129	In vitro studies of anti-inflammatory and anticancer activities of organic solvent extracts from cultured marine microalgae. <i>Algae</i> , <b>2013</b> , 28, 111-119	2.4	58
128	Potential use of ultrasound in antioxidant extraction from <i>Ecklonia cava</i> . <i>Algae</i> , <b>2013</b> , 28, 371-378	2.4	28
127	Effects of <i>Hizikia fusiforme</i> Fractions on Melanin Synthesis in B16F10 Melanoma Cells. <i>Journal of Life Science</i> , <b>2013</b> , 23, 1495-1500		3
126	The Growth, Innate Immunity and Protection against H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Damage of a Chitosan-Coated Diet in the Olive Flounder <i>Paralichthys olivaceus</i> . <i>Fisheries and Aquatic Sciences</i> , <b>2013</b> , 16, 149-158	2.9	22
125	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> , <b>2013</b> , 45, 199-205		11
124	Molecular docking studies of a phlorotannin, dieckol isolated from <i>Ecklonia cava</i> with tyrosinase inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 311-6	3.4	56
123	Purification and characterization of angiotensin I-converting enzyme inhibitory peptide from enzymatic hydrolysates of <i>Styela clava</i> flesh tissue. <i>Process Biochemistry</i> , <b>2012</b> , 47, 34-40	4.8	31
122	Neuroprotective effect of phlorotannin isolated from <i>Ishige okamurae</i> against H <sub>2</sub> O <sub>2</sub> -induced oxidative stress in murine hippocampal neuronal cells, HT22. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 166, 1520-32	3.2	39
121	Value-added fermentation of <i>Ecklonia cava</i> processing by-product and its antioxidant effect. <i>Journal of Applied Phycology</i> , <b>2012</b> , 24, 201-209	3.2	20
120	Diphlorethohydroxycarmalol isolated from <i>Pae</i> ( <i>Ishige okamurae</i> ) protects high glucose-induced damage in RINm5F pancreatic $\beta$ cells via its antioxidant effects. <i>Food Science and Biotechnology</i> , <b>2012</b> , 21, 239-246	3	26
119	Antidiabetic Effect of Dieckol, a Marine Polyphenol, and Its Mechanisms of Blood Glucose Regulation <b>2012</b> , 313-324		
118	Induction of apoptosis by diphlorethohydroxycarmalol isolated from brown alga, <i>Ishige okamurae</i> . <i>Journal of Functional Foods</i> , <b>2012</b> , 4, 433-439	5.1	23



117	Bioactive compounds extracted from Gamtae ( <i>Ecklonia cava</i> ) by using enzymatic hydrolysis, a potent $\alpha$ -glucosidase and $\alpha$ -amylase inhibitor, alleviates postprandial hyperglycemia in diabetic mice. <i>Food Science and Biotechnology</i> , <b>2012</b> , 21, 1149-1155	3	6
116	Bio-functionalities of proteins derived from marine algae [A review]. <i>Food Research International</i> , <b>2012</b> , 48, 948-960	7	196
115	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> , <b>2012</b> , 114, 126-31	6.7	44
114	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> , <b>2012</b> , 76, 163-8	2.1	28
113	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> , <b>2012</b> , 420, 576-81	3.4	46
112	Neuroprotective effects of phlorotannins isolated from a brown alga, <i>Ecklonia cava</i> , against H <sub>2</sub> O <sub>2</sub> -induced oxidative stress in murine hippocampal HT22 cells. <i>Environmental Toxicology and Pharmacology</i> , <b>2012</b> , 34, 96-105	5.8	55
111	Effects of brown alga, <i>Ecklonia cava</i> on glucose and lipid metabolism in C57BL/KsJ-db/db mice, a model of type 2 diabetes mellitus. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 575-82	4.7	75
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109	Protective effect of a novel antioxidative peptide purified from a marine <i>Chlorella ellipsoidea</i> protein against free radical-induced oxidative stress. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2294-302	4.7	110
108	Investigation of the component of <i>Lycopodium serratum</i> extract that inhibits proliferation and mediates apoptosis of human HL-60 leukemia cells. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2629-34	4.7	19
107	Apigenin decreases cell viability and telomerase activity in human leukemia cell lines. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2605-11	4.7	40
106	Acanthoic acid induces cell apoptosis through activation of the p38 MAPK pathway in HL-60 human promyelocytic leukaemia. <i>Food Chemistry</i> , <b>2012</b> , 135, 2112-7	8.5	29
105	A novel angiotensin I-converting enzyme (ACE) inhibitory peptide from a marine <i>Chlorella ellipsoidea</i> and its antihypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , <b>2012</b> , 47, 2005-2011	4.8	115
104	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> , <b>2012</b> , 4, 158-166	5.1	50
103	Bioactive compounds extracted from <i>Ecklonia cava</i> by using enzymatic hydrolysis protects high glucose-induced damage in INS-1 pancreatic $\beta$ -cells. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 167, 1973-85	3.2	15
102	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> , <b>2012</b> , 17, 122-8	2.4	12
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96	Molecular characteristics and anti-inflammatory activity of the fucoidan extracted from <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , <b>2012</b> , 89, 599-606	10.3	94
95	Enzyme-assistant extraction (EAE) of bioactive components: a useful approach for recovery of industrially important metabolites from seaweeds: a review. <i>Floterap</i> , <b>2012</b> , 83, 6-12	3.2	216
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93	Nitric oxide-mediated vasorelaxation effects of anti-angiotensin I-converting enzyme (ACE) peptide from <i>Styela clava</i> flesh tissue and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Food Chemistry</i> , <b>2012</b> , 134, 1141-5	8.5	27
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91	Antibacterial effect of citrus press-cakes dried by high speed and far-infrared radiation drying methods. <i>Nutrition Research and Practice</i> , <b>2012</b> , 6, 187-94	2.1	10
90	Hair-Loss Preventing Effect of <i>Grateloupia elliptica</i> . <i>Biomolecules and Therapeutics</i> , <b>2012</b> , 20, 118-24	4.2	17
89	Thermostability of a marine polyphenolic antioxidant dieckol, derived from the brown seaweed <i>Ecklonia cava</i> . <i>Algae</i> , <b>2012</b> , 27, 205-213	2.4	23
88	Enzyme-assisted Extraction and Recovery of Bioactive Components from Seaweeds <b>2011</b> , 221-228		5
87	Ishige okamurae ameliorates hyperglycemia and insulin resistance in C57BL/KsJ-db/db mice. <i>Diabetes Research and Clinical Practice</i> , <b>2011</b> , 93, 70-6	7.4	47
86	Anti-inflammatory effects of fucoidan through inhibition of NF- $\kappa$ B, MAPK and Akt activation in lipopolysaccharide-induced BV2 microglia cells. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 1745-52	4.7	218
85	Phloroglucinol (PG) purified from <i>Ecklonia cava</i> attenuates radiation-induced apoptosis in blood lymphocytes and splenocytes. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 2236-42	4.7	22
84	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> , <b>2011</b> , 137, 1207-14	5	34
83	Functional properties of brown algal sulfated polysaccharides, fucoidans. <i>Advances in Food and Nutrition Research</i> , <b>2011</b> , 64, 163-78	6	7
82	Protective effect of methanol extract from citrus press cakes prepared by far-infrared radiation drying on H <sub>2</sub> O <sub>2</sub> -mediated oxidative damage in Vero cells. <i>Nutrition Research and Practice</i> , <b>2011</b> , 5, 389-95	2.1	6

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78	Screening of marine algae for potential tyrosinase inhibitor: those inhibitors reduced tyrosinase activity and melanin synthesis in zebrafish. <i>Journal of Dermatology</i> , <b>2011</b> , 38, 354-63	1.6	75
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74	Biological activities and potential cosmeceutical applications of bioactive components from brown seaweeds: a review. <i>Phytochemistry Reviews</i> , <b>2011</b> , 10, 431-443	7.7	93
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