

Wonâ€™Kyo Jung

List of Publications by Year in descending order

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244
papers

9,950
citations

31949

53
h-index

45285

90
g-index

252
all docs

252
docs citations

252
times ranked

9841
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification of a radical scavenging peptide from fermented mussel sauce and its antioxidant properties. <i>Food Research International</i> , 2005, 38, 175-182.	2.9	543
2	Free radical scavenging activity of a novel antioxidative peptide purified from hydrolysate of bullfrog skin, <i>Rana catesbeiana</i> Shaw. <i>Bioresource Technology</i> , 2008, 99, 1690-1698.	4.8	352
3	Purification and characterization of antioxidative peptides from protein hydrolysate of lecithin-free egg yolk. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2001, 78, 651-656.	0.8	292
4	Purification and characterization of an antioxidative peptide from enzymatic hydrolysate of yellowfin sole (<i>Limanda aspera</i>) frame protein. <i>European Food Research and Technology</i> , 2004, 219, 20-26.	1.6	288
5	Evaluation of anti-inflammatory effect of fucoxanthin isolated from brown algae in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2010, 48, 2045-2051.	1.8	287
6	Angiotensin I-converting enzyme inhibitory peptide from yellowfin sole (<i>Limanda aspera</i>) frame protein and its antihypertensive effect in spontaneously hypertensive rats. <i>Food Chemistry</i> , 2006, 94, 26-32.	4.2	261
7	Effect of phlorotannins isolated from <i>Ecklonia cava</i> on melanogenesis and their protective effect against photo-oxidative stress induced by UV-B radiation. <i>Toxicology in Vitro</i> , 2009, 23, 1123-1130.	1.1	256
8	Protective effect of an antioxidative peptide purified from gastrointestinal digests of oyster, <i>Crassostrea gigas</i> against free radical induced DNA damage. <i>Bioresource Technology</i> , 2008, 99, 3365-3371.	4.8	245
9	Phlorotannins in <i>Ecklonia cava</i> extract inhibit matrix metalloproteinase activity. <i>Life Sciences</i> , 2006, 79, 1436-1443.	2.0	192
10	An anticoagulative polysaccharide from an enzymatic hydrolysate of <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , 2006, 66, 184-191.	5.1	187
11	Angiotensin I converting enzyme (ACE) inhibitory peptide derived from the sauce of fermented blue mussel,. <i>Bioresource Technology</i> , 2005, 96, 1624-1629.	4.8	151
12	Isolation of angiotensin I converting enzyme (ACE) inhibitor from fermented oyster sauce, <i>Crassostrea gigas</i> . <i>Food Chemistry</i> , 2005, 90, 809-814.	4.2	150
13	A novel anticoagulant purified from fish protein hydrolysate inhibits factor XIIIa and platelet aggregation. <i>Life Sciences</i> , 2005, 76, 2607-2619.	2.0	149
14	A novel angiotensin I-converting enzyme (ACE) inhibitory peptide from a marine <i>Chlorella ellipsoidea</i> and its antihypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2012, 47, 2005-2011.	1.8	141
15	Anti-inflammatory effects of cordycepin via suppression of inflammatory mediators in BV2 microglial cells. <i>International Immunopharmacology</i> , 2010, 10, 1580-1586.	1.7	132
16	Marine-derived biological macromolecule-based biomaterials for wound healing and skin tissue regeneration. <i>International Journal of Biological Macromolecules</i> , 2015, 77, 24-35.	3.6	122
17	Enhanced rheological behaviors of alginate hydrogels with carrageenan for extrusion-based bioprinting. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 98, 187-194.	1.5	122
18	Inhibitory Effects and Molecular Mechanism of Dieckol Isolated from Marine Brown Alga on COX-2 and iNOS in Microglial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4439-4446.	2.4	120

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19	Inhibitory effect of diphlorethohydroxycarmalol on melanogenesis and its protective effect against UV-B radiation-induced cell damage. <i>Food and Chemical Toxicology</i> , 2010, 48, 1355-1361.	1.8	116
20	Preparation of hoki (<i>Johnius belengerii</i>) bone oligophosphopeptide with a high affinity to calcium by carnivorous intestine crude proteinase. <i>Food Chemistry</i> , 2005, 91, 333-340.	4.2	111
21	Recovery of a novel Ca-binding peptide from Alaska Pollack (<i>Theragra chalcogramma</i>) backbone by pepsinolytic hydrolysis. <i>Process Biochemistry</i> , 2006, 41, 2097-2100.	1.8	111
22	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- κ B pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2572-2582.	1.2	106
23	Sanguinarine Induces Apoptosis of HT-29 Human Colon Cancer Cells via the Regulation of Bax/Bcl-2 Ratio and Caspase-9-Dependent Pathway. <i>International Journal of Toxicology</i> , 2012, 31, 70-77.	0.6	105
24	Fish collagen/alginate/chitoooligosaccharides integrated scaffold for skin tissue regeneration application. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 504-513.	3.6	105
25	Calcium-binding peptide derived from pepsinolytic hydrolysates of hoki (<i>Johnius belengerii</i>) frame. <i>European Food Research and Technology</i> , 2007, 224, 763-767.	1.6	104
26	<i>Ecklonia cava</i> ethanolic extracts inhibit lipopolysaccharide-induced cyclooxygenase-2 and inducible nitric oxide synthase expression in BV2 microglia via the MAP kinase and NF- κ B pathways. <i>Food and Chemical Toxicology</i> , 2009, 47, 410-417.	1.8	104
27	Effects of brown alga, <i>Ecklonia cava</i> on glucose and lipid metabolism in C57BL/KsJ-db/db mice, a model of type 2 diabetes mellitus. <i>Food and Chemical Toxicology</i> , 2012, 50, 575-582.	1.8	96
28	Isolation and characterisation of an anticoagulant oligopeptide from blue mussel, <i>Mytilus edulis</i> . <i>Food Chemistry</i> , 2009, 117, 687-692.	4.2	94
29	Cilostazol is anti-inflammatory in BV2 microglial cells by inactivating nuclear factor- κ B and inhibiting mitogen-activated protein kinases. <i>British Journal of Pharmacology</i> , 2010, 159, 1274-1285.	2.7	94
30	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.	2.0	94
31	Anti-inflammatory effect of fucoxanthin derivatives isolated from <i>Sargassum siliquastrum</i> in lipopolysaccharide-stimulated RAW 264.7 macrophage. <i>Food and Chemical Toxicology</i> , 2012, 50, 3336-3342.	1.8	93
32	Fish-bone peptide increases calcium solubility and bioavailability in ovariectomised rats. <i>British Journal of Nutrition</i> , 2006, 95, 124-128.	1.2	91
33	Beneficial effects of fucoidan on osteoblastic MG-63 cell differentiation. <i>Food Chemistry</i> , 2009, 116, 990-994.	4.2	89
34	Amino acid changes in fermented oyster (<i>Crassostrea gigas</i>) sauce with different fermentation periods. <i>Food Chemistry</i> , 2005, 91, 15-18.	4.2	83
35	α -Glucosidase and α -amylase inhibitory activities of phlorotannins from <i>Eisenia bicyclis</i> . <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2084-2090.	1.7	80
36	Antioxidative activity of a low molecular weight peptide derived from the sauce of fermented blue mussel, <i>Mytilus edulis</i> . <i>European Food Research and Technology</i> , 2005, 220, 535-539.	1.6	79

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37	Angiotensin-I converting enzyme inhibitory peptides from antihypertensive skate (<i>Okamejei kenojei</i>) skin gelatin hydrolysate in spontaneously hypertensive rats. <i>Food Chemistry</i> , 2015, 174, 37-43.	4.2	77
38	Caffeic acid phenethyl ester attenuates allergic airway inflammation and hyperresponsiveness in murine model of ovalbumin-induced asthma. <i>Life Sciences</i> , 2008, 82, 797-805.	2.0	73
39	Anti-asthmatic effect of marine red alga (<i>Laurencia undulata</i>) polyphenolic extracts in a murine model of asthma. <i>Food and Chemical Toxicology</i> , 2009, 47, 293-297.	1.8	73
40	Gallic Acid-g-Chitosan Modulates Inflammatory Responses in LPS-Stimulated RAW264.7 Cells Via NF- κ B, AP-1, and MAPK Pathways. <i>Inflammation</i> , 2016, 39, 366-374.	1.7	73
41	Effects of <i>Ecklonia cava</i> ethanolic extracts on airway hyperresponsiveness and inflammation in a murine asthma model: Role of suppressor of cytokine signaling. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 289-296.	2.5	71
42	Neuroprotective effects of phlorotannins isolated from a brown alga, <i>Ecklonia cava</i> , against H ₂ O ₂ -induced oxidative stress in murine hippocampal HT22 cells. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 96-105.	2.0	66
43	Glutotoxin Isolated from Marine Fungus <i>Aspergillus</i> sp. Induces Apoptosis of Human Cervical Cancer and Chondrosarcoma Cells. <i>Marine Drugs</i> , 2014, 12, 69-87.	2.2	66
44	Purification and characterization of a novel anticoagulant peptide from marine echiuroid worm, <i>Urechis unicinctus</i> . <i>Process Biochemistry</i> , 2008, 43, 179-184.	1.8	65
45	The anti-diabetic drug dapagliflozin induces vasodilation via activation of PKG and Kv channels. <i>Life Sciences</i> , 2018, 197, 46-55.	2.0	65
46	Characterization and biological activity of PVA hydrogel containing chitoooligosaccharides conjugated with gallic acid. <i>Carbohydrate Polymers</i> , 2018, 198, 197-205.	5.1	65
47	Effect of chitoooligosaccharides on calcium bioavailability and bone strength in ovariectomized rats. <i>Life Sciences</i> , 2006, 78, 970-976.	2.0	63
48	Anticoagulant activity of heterochitosans and their oligosaccharide sulfates. <i>European Food Research and Technology</i> , 2004, 219, 529-533.	1.6	61
49	Anti-inflammatory effect of Apo-9- β -fucoxanthinone via inhibition of MAPKs and NF- κ B signaling pathway in LPS-stimulated RAW 264.7 macrophages and zebrafish model. <i>International Immunopharmacology</i> , 2018, 59, 339-346.	1.7	61
50	Synergistic Antibacterial Effects of Chitosan-Caffeic Acid Conjugate against Antibiotic-Resistant Acne-Related Bacteria. <i>Marine Drugs</i> , 2017, 15, 167.	2.2	60
51	Purification and characterization of a new lectin from the hard roe of skipjack tuna, <i>Katsuwonus pelamis</i> . <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 255-265.	1.2	58
52	Identification of chemical structure and free radical scavenging activity of diploretin isolated from a brown alga, <i>Ishige okamurae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 676-81.	0.9	56
53	Fabrication, characterisation and biological activity of phlorotannin-conjugated PCL/ β -TCP composite scaffolds for bone tissue regeneration. <i>Journal of Materials Chemistry</i> , 2012, 22, 3568.	6.7	55
54	Caffeic acid phenethyl ester promotes anti-inflammatory effects by inhibiting MAPK and NF- κ B signaling in activated HMC-1 human mast cells. <i>Pharmaceutical Biology</i> , 2014, 52, 926-932.	1.3	55

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55	The beneficial properties of marine polysaccharides in alleviation of allergic responses. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 129-138.	1.5	55
56	Photo-based PDT/PTT dual model killing and imaging of cancer cells using phycocyanin-polypyrrole nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 123, 20-30.	2.0	53
57	Characterization of an oxidized alginate-gelatin hydrogel incorporating a COS-salicylic acid conjugate for wound healing. <i>Carbohydrate Polymers</i> , 2021, 252, 117145.	5.1	50
58	A novel peptide purified from the fermented microalga <i>Pavlova lutheri</i> attenuates oxidative stress and melanogenesis in B16F10 melanoma cells. <i>Process Biochemistry</i> , 2015, 50, 1318-1326.	1.8	49
59	Fish bone peptide promotes osteogenic differentiation of MC3T3-E1 preosteoblasts through upregulation of MAPKs and Smad pathways activated BMP-2 receptor. <i>Cell Biochemistry and Function</i> , 2018, 36, 137-146.	1.4	48
60	Characterization of ionic cross-linked composite foams with different blend ratios of alginate/pectin on the synergistic effects for wound dressing application. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1565-1573.	3.6	48
61	Wound healing properties of triple cross-linked poly (vinyl alcohol)/methacrylate kappa-carrageenan/chitoooligosaccharide hydrogel. <i>Carbohydrate Polymers</i> , 2021, 269, 118272.	5.1	47
62	Antihypertensive effect of an angiotensin I-converting enzyme inhibitory peptide from bullfrog (<i>Rana</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1443-1448.	1.8	46
63	Electrospun porous bilayer nano-fibrous fish collagen/PCL bio-composite scaffolds with covalently cross-linked chitoooligosaccharides for full-thickness wound-healing applications. <i>Materials Science and Engineering C</i> , 2021, 121, 111871.	3.8	46
64	Mechanically reinforced cell-laden scaffolds formed using alginate-based bioink printed onto the surface of a PCL/alginate mesh structure for regeneration of hard tissue. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 359-368.	5.0	45
65	Biological activities and biomedical potential of sea cucumber (<i>Stichopus japonicus</i>): a review. <i>Fisheries and Aquatic Sciences</i> , 2017, 20, .	0.3	45
66	Quantitative analysis of the role of nanohydroxyapatite (nHA) on 3D-printed PCL/nHA composite scaffolds. <i>Materials Letters</i> , 2018, 220, 112-115.	1.3	45
67	Free Radical Scavenging Activity of a Novel Antioxidative Peptide Isolated from In Vitro Gastrointestinal Digests of <i>Mytilus coruscus</i> . <i>Journal of Medicinal Food</i> , 2007, 10, 197-202.	0.8	44
68	Fabrication, characterization and determination of biological activities of poly(μ -caprolactone)/chitosan-caffeic acid composite fibrous mat for wound dressing application. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1549-1558.	3.6	43
69	Protective effect of aquacultured flounder fish-derived peptide against oxidative stress in zebrafish. <i>Fish and Shellfish Immunology</i> , 2014, 36, 320-323.	1.6	42
70	Anti-inflammatory effects of trans-1,3-diphenyl-2,3-epoxypropane-1-one mediated by suppression of inflammatory mediators in LPS-stimulated RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2013, 53, 371-375.	1.8	41
71	Purification and molecular docking study of angiotensin I-converting enzyme (ACE) inhibitory peptides from hydrolysates of marine sponge <i>Stylotella aurantium</i> . <i>Process Biochemistry</i> , 2017, 54, 180-187.	1.8	41
72	Bis (3-bromo-4,5-dihydroxybenzyl) ether, a novel bromophenol from the marine red alga <i>Polysiphonia morrowii</i> that suppresses LPS-induced inflammatory response by inhibiting ROS-mediated ERK signaling pathway in RAW 264.7 macrophages. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1170-1177.	2.5	40

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73	A Novel Anticoagulant Protein from <i>Scapharca broughtonii</i> . <i>BMB Reports</i> , 2002, 35, 199-205.	1.1	40
74	A heptameric peptide purified from <i>Spirulina</i> sp. gastrointestinal hydrolysate inhibits angiotensin I-converting enzyme- and angiotensin II-induced vascular dysfunction in human endothelial cells. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1072-1082.	1.8	38
75	Anti-inflammatory effects of sodium alginate/gelatine porous scaffolds merged with fucoidan in murine microglial BV2 cells. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1620-1632.	3.6	35
76	Antimicrobial hydrogels based on PVA and diphlorethohydroxycarmalol (DPHC) derived from brown alga <i>Ishige okamurae</i> : An in vitro and in vivo study for wound dressing application. <i>Materials Science and Engineering C</i> , 2020, 107, 110352.	3.8	35
77	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.	1.6	34
78	Tetrameric peptide purified from hydrolysates of biodiesel byproducts of <i>Nannochloropsis oculata</i> induces osteoblastic differentiation through MAPK and Smad pathway on MG-63 and D1 cells. <i>Process Biochemistry</i> , 2013, 48, 1387-1394.	1.8	33
79	Caffeic acid phenethyl ester reduces the secretion of vascular endothelial growth factor through the inhibition of the ROS, PI3K and HIF-1 α signaling pathways in human retinal pigment epithelial cells under hypoxic conditions. <i>International Journal of Molecular Medicine</i> , 2015, 35, 1419-1426.	1.8	33
80	Effect of angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO) production of 6,6 α -bieckol, a marine algal polyphenol and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2017, 58, 326-332.	1.8	33
81	Photo-oxidative stress by ultraviolet-B radiation and antioxidative defense of eckstolonol in human keratinocytes. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 926-934.	2.0	32
82	Matrix metalloproteinases (MMPs) inhibitory effects of an octameric oligopeptide isolated from abalone <i>Haliotis discus hannai</i> . <i>Food Chemistry</i> , 2013, 141, 503-509.	4.2	32
83	Preparation and antioxidant potential of maillard reaction products from (MRPs) chito oligomer. <i>Food Chemistry</i> , 2014, 145, 173-178.	4.2	32
84	Recent advances in biological macromolecule based tissue-engineered composite scaffolds for cardiac tissue regeneration applications. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2329-2357.	3.6	32
85	Cilostazol protects mice against endotoxin shock and attenuates LPS-induced cytokine expression in RAW 264.7 macrophages via MAPK inhibition and NF- κ B inactivation: Not involved in cAMP mechanisms. <i>International Immunopharmacology</i> , 2010, 10, 1077-1085.	1.7	31
86	Protective Effects of Emodin and Chrysophanol Isolated from Marine Fungus <i>Aspergillus</i> sp. on Ethanol-Induced Toxicity in HepG2/CYP2E1 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-7.	0.5	31
87	Protective effect of dieckol isolated from <i>Ecklonia cava</i> against ethanol caused damage in vitro and in zebrafish model. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 1217-1226.	2.0	31
88	Eckol from <i>Eisenia bicyclis</i> Inhibits Inflammation Through the Akt/NF- κ B Signaling in <i>Propionibacterium acnes</i> -Induced Human Keratinocyte Hacat Cells. <i>Journal of Food Biochemistry</i> , 2017, 41, e12312.	1.2	31
89	A Novel Anticoagulant Protein with High Affinity to Blood Coagulation Factor Va from <i>Tegillarca granosa</i> . <i>BMB Reports</i> , 2007, 40, 832-838.	1.1	31
90	Evaluation of anti-allergic properties of caffeic acid phenethyl ester in a murine model of systemic anaphylaxis. <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 22-29.	1.3	30

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91	The 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J2 inhibits LPS-stimulated AKT and NF- κ B activation and suppresses interleukin-6 in osteoblast-like cells MC3T3E-1. <i>Life Sciences</i> , 2009, 85, 46-53.	2.0	29
92	Bio-composites composed of a solid free-form fabricated polycaprolactone and alginate-releasing bone morphogenic protein and bone formation peptide for bone tissue regeneration. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1725-1734.	1.7	29
93	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.	1.5	27
94	3,3'-Diindolylmethane inhibits VEGF expression through the HIF-1 α and NF- κ B pathways in human retinal pigment epithelial cells under chemical hypoxic conditions. <i>International Journal of Molecular Medicine</i> , 2015, 36, 301-308.	1.8	27
95	5-Bromo-2-hydroxy-4-methyl-benzaldehyde inhibited LPS-induced production of pro-inflammatory mediators through the inactivation of ERK, p38, and NF- κ B pathways in RAW 264.7 macrophages. <i>Chemico-Biological Interactions</i> , 2016, 258, 108-114.	1.7	27
96	Synergistic Antibacterial Effect and Antibacterial Action Mode of Chitosan-Ferulic Acid Conjugate against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 784-789.	0.9	27
97	Lipase catalytic synthesis of diacylglycerol from tuna oil and its anti-obesity effect in C57BL/6J mice. <i>Process Biochemistry</i> , 2010, 45, 738-743.	1.8	26
98	Prevention of oxidative stress in Chang liver cells by gallic acid-grafted-chitosans. <i>Carbohydrate Polymers</i> , 2012, 87, 876-880.	5.1	26
99	A Newly Identified Glutaminase-Free L-Asparaginase (L-ASPG86) from the Marine Bacterium <i>Mesoflavibacter zeaxanthinifaciens</i> . <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1115-1123.	0.9	26
100	Phloroglucinol-Gold and -Zinc Oxide Nanoparticles: Antibiofilm and Antivirulence Activities towards <i>Pseudomonas aeruginosa</i> PAO1. <i>Marine Drugs</i> , 2021, 19, 601.	2.2	26
101	The antioxidant and anti-inflammatory effects of abalone intestine digest, <i>Haliotis discus hannai</i> in RAW 264.7 macrophages. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 475-484.	1.4	25
102	Benzyl isothiocyanate inhibits inflammasome activation in <i>E. coli</i> LPS-stimulated BV2 cells. <i>International Journal of Molecular Medicine</i> , 2016, 38, 912-918.	1.8	25
103	Preparation and characterization of multi-layered poly(μ -caprolactone)/chitosan scaffolds fabricated with a combination of melt-plotting/in situ plasma treatment and a coating method for hard tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5831.	2.9	24
104	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> , 2015, 18, 289-299.	1.6	23
105	Fabrication and characterization of the 3D-printed polycaprolactone/fish bone extract scaffolds for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1937-1944.	1.6	23
106	YCG063 inhibits <i>Pseudomonas aeruginosa</i> LPS-induced inflammation in human retinal pigment epithelial cells through the TLR2-mediated AKT/NF- κ B pathway and ROS-independent pathways. <i>International Journal of Molecular Medicine</i> , 2015, 36, 808-816.	1.8	22
107	Cilostazol induces vasodilation through the activation of Ca ²⁺ -activated K ⁺ channels in aortic smooth muscle. <i>Vascular Pharmacology</i> , 2015, 70, 15-22.	1.0	22
108	Fucoxanthin inhibits profibrotic protein expression in vitro and attenuates bleomycin-induced lung fibrosis in vivo. <i>European Journal of Pharmacology</i> , 2017, 811, 199-207.	1.7	22

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109	Antibacterial and Biofilm Modulating Potential of Ferulic Acid-Grafted Chitosan against Human Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2157.	1.8	22
110	Anti-inflammatory activity of caffeic acid phenethyl ester (CAPE) extracted from <i>Rhodiola sacra</i> against lipopolysaccharide-induced inflammatory responses in mice. <i>Process Biochemistry</i> , 2008, 43, 783-787.	1.8	21
111	The Ca ²⁺ Channel Inhibitor NNC 55-0396 Inhibits Voltage-Dependent K ⁺ Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Journal of Pharmacological Sciences</i> , 2014, 125, 312-319.	1.1	21
112	Fucoidan Isolated from <i>Sargassum confusum</i> Suppresses Inflammatory Responses and Oxidative Stress in TNF- α /IFN- β - Stimulated HaCaT Keratinocytes by Activating Nrf2/HO-1 Signaling Pathway. <i>Marine Drugs</i> , 2022, 20, 117.	2.2	21
113	Lipase-catalyzed hydrolysis of fish oil in an optimum emulsion system. <i>Biotechnology and Bioprocess Engineering</i> , 2007, 12, 484-490.	1.4	20
114	The T-type Ca ²⁺ Channel Inhibitor Mibefradil Inhibits Voltage-Dependent K ⁺ Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Journal of Pharmacological Sciences</i> , 2012, 120, 196-205.	1.1	20
115	The calmodulin inhibitor and antipsychotic drug trifluoperazine inhibits voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 321-325.	1.0	20
116	Lipase catalyzed production of monoacylglycerols by the esterification of fish oil fatty acids with glycerol. <i>Biotechnology and Bioprocess Engineering</i> , 2007, 12, 491-496.	1.4	19
117	FREE RADICAL-SCAVENGING ACTIVITIES OF LOW MOLECULAR WEIGHT CHITIN OLIGOSACCHARIDES LEAD TO ANTIOXIDANT EFFECT IN LIVE CELLS. <i>Journal of Food Biochemistry</i> , 0, 34, 161-177.	1.2	19
118	Marine Algae Possess Therapeutic Potential for Ca-Mineralization via Osteoblastic Differentiation. <i>Advances in Food and Nutrition Research</i> , 2011, 64, 429-441.	1.5	19
119	Effect of umbilical cord serum coated 3D PCL/alginate scaffold for mastoid obliteration. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 1061-1065.	0.4	19
120	Attenuation of IFN- β -induced B7-H1 expression by 15-deoxy-delta ^{12,14} -prostaglandin J2 via downregulation of the Jak/STAT/IRF-1 signaling pathway. <i>Life Sciences</i> , 2014, 112, 82-89.	2.0	19
121	Characterisation of inorganic elements and volatile organic compounds in the dried sea cucumber <i>Stichopus japonicus</i> . <i>Food Chemistry</i> , 2014, 147, 34-41.	4.2	19
122	A polycaprolactone/fish collagen/alginate biocomposite supplemented with phlorotannin for hard tissue regeneration. <i>RSC Advances</i> , 2017, 7, 2009-2018.	1.7	19
123	Fabrication and characterization of phlorotannins/poly (vinyl alcohol) hydrogel for wound healing application. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 972-983.	1.9	19
124	Effective Microwell Plate-Based Screening Method for Microbes Producing Cellulase and Xylanase and Its Application. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 1559-1565.	0.9	19
125	<i>Polyopes affinis</i> alleviates airway inflammation in a murine model of allergic asthma. <i>Journal of Biosciences</i> , 2011, 36, 869-877.	0.5	18
126	Antiphotaging effect of boiled abalone residual peptide ATPGDEG on UVB-induced keratinocyte HaCaT cells. <i>Food and Nutrition Research</i> , 2019, 63, .	1.2	18

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127	Bromophenol (5-bromo-3,4-dihydroxybenzaldehyde) isolated from red alga <i>Polysiphonia morrowii</i> inhibits adipogenesis by regulating expression of adipogenic transcription factors and AMP-activated protein kinase activation in 3T3-L1 adipocytes. <i>Phytotherapy Research</i> , 2019, 33, 737-744.	2.8	17
128	Fabrication and biological activity of polycaprolactone/phlorotannin endotracheal tube to prevent tracheal stenosis: An in vitro and in vivo study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1046-1056.	1.6	17
129	Inhibitory activities of phloroglucinol-chitosan nanoparticles on mono- and dual-species biofilms of <i>Candida albicans</i> and bacteria. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112307.	2.5	17
130	Inhibitory activity of phosphorylated chitoooligosaccharides on the formation of calcium phosphate. <i>Carbohydrate Polymers</i> , 2005, 60, 483-487.	5.1	16
131	The effect of cilostazol on the expression of matrix metalloproteinase-1 and type I procollagen in ultraviolet-irradiated human dermal fibroblasts. <i>Life Sciences</i> , 2013, 92, 282-288.	2.0	16
132	Protective effects of peptides from skate (<i>Okamejei kenojei</i>) skin gelatin against endothelial dysfunction. <i>Journal of Functional Foods</i> , 2014, 10, 243-251.	1.6	16
133	Anti-allergic effects of a nonameric peptide isolated from the intestine gastrointestinal digests of abalone (<i>Haliotis discus hannai</i>) in activated HMC-1 human mast cells. <i>International Journal of Molecular Medicine</i> , 2016, 37, 243-250.	1.8	16
134	Phlorofucofuroeckol A from <i>Ecklonia cava</i> ameliorates TGF- β 21-induced fibrotic response of human tracheal fibroblasts via the downregulation of MAPKs and SMAD 2/3 pathways inactivated TGF- β 2 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 626-632.	1.0	16
135	Applications of Marine Organism-Derived Polydeoxyribonucleotide: Its Potential in Biomedical Engineering. <i>Marine Drugs</i> , 2021, 19, 296.	2.2	16
136	The effect of PI3 kinase inhibitor LY294002 on voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>Life Sciences</i> , 2013, 92, 916-922.	2.0	15
137	Angiotensin I-Converting Enzyme (ACE) Inhibitory Peptide Isolated from Biodiesel Byproducts of Marine Microalgae, <i>Nannochloropsis</i> & <i>Oculata</i> . <i>Journal of Biobased Materials and Bioenergy</i> , 2013, 7, 135-142.	0.1	15
138	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.	0.9	15
139	Expression of galectin-9 by IFN- γ 3 stimulated human nasal polyp fibroblasts through MAPK, PI3K, and JAK/STAT signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 259-264.	1.0	14
140	The 15-deoxy- Δ 12,14-prostaglandin J2 inhibits LPS-stimulated inflammation via enhancement of the platelet-activating factor acetylhydrolase activity in human retinal pigment epithelial cells. <i>International Journal of Molecular Medicine</i> , 2014, 33, 449-456.	1.8	14
141	The calmodulin inhibitor CGS 9343B inhibits voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>Toxicology and Applied Pharmacology</i> , 2015, 285, 207-213.	1.3	14
142	IN VITRO ANTIOXIDANT ACTIVITIES OF THE FERMENTED MARINE MICROALGA <i>PAVLOVA LUTHERI</i> (HAPTOPHYTA) WITH THE YEAST <i>HANSENULA POLYMORPHA</i> . <i>Journal of Phycology</i> , 2012, 48, 475-482.	1.0	13
143	Effect of topical dexamethasone in reducing dysfunction after facial nerve crush injury in the rat. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 960-963.	0.4	13
144	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, 962-968.	2.0	13

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145	Fucoanthin Inhibits Myofibroblast Differentiation and Extracellular Matrix Production in Nasal Polyp-Derived Fibroblasts via Modulation of Smad-Dependent and Smad-Independent Signaling Pathways. <i>Marine Drugs</i> , 2018, 16, 323.	2.2	13
146	Complete Genome Sequence of the Agarase-Producing Marine Bacterium Strain S89, Representing a Novel Species of the Genus <i>Alteromonas</i> . <i>Journal of Bacteriology</i> , 2011, 193, 5538-5538.	1.0	12
147	A heptameric peptide isolated from the marine microalga <i>Pavlova lutheri</i> suppresses PMA-induced secretion of matrix metalloproteinase-9 through the inactivation of the JNK, p38, and NF- κ B pathways in human fibrosarcoma cells. <i>Journal of Applied Phycology</i> , 2018, 30, 2367-2378.	1.5	12
148	3D PCL/fish collagen composite scaffolds incorporating osteogenic abalone protein hydrolysates for bone regeneration application: <i>in vitro</i> and <i>in vivo</i> studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 355-371.	1.9	12
149	Whole-Genome Sequence of the Xylanase-Producing <i>Mesoflavibacter zeaxanthinifaciens</i> Strain S86. <i>Journal of Bacteriology</i> , 2011, 193, 5557-5557.	1.0	11
150	The class III anti-arrhythmic agent, amiodarone, inhibits voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 713-721.	1.4	11
151	Inhibition by the atypical antipsychotic risperidone of voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , 2020, 874, 173027.	1.7	11
152	Protection of hepatic cell damage and antimicrobial evaluation of chitosan-catechin conjugate. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2013, 56, 701-707.	0.9	10
153	The Effects of the Selective Serotonin Reuptake Inhibitor Fluvoxamine on Voltage-Dependent K ⁺ Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 1208-1213.	0.6	10
154	Effects of fucoidan on cell morphology and migration in osteoblasts. <i>Food Science and Biotechnology</i> , 2015, 24, 699-704.	1.2	10
155	The anti-diabetic drug repaglinide induces vasorelaxation via activation of PKA and PKG in aortic smooth muscle. <i>Vascular Pharmacology</i> , 2016, 84, 38-46.	1.0	10
156	Anti-Inflammatory Potential of <i>Carpomitra costata</i> Ethanolic Extracts via Inhibition of NF- κ B and AP-1 Activation in LPS-Stimulated RAW264.7 Macrophages. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	0.5	10
157	Evaluation of biomolecular interactions of sulfated polysaccharide isolated from <i>Grateloupia filicina</i> on blood coagulation factors. <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 503-11.	0.9	10
158	A 3D-Printed Polycaprolactone/Marine Collagen Scaffold Reinforced with Carbonated Hydroxyapatite from Fish Bones for Bone Regeneration. <i>Marine Drugs</i> , 2022, 20, 344.	2.2	10
159	Synergistic effects between aminoethyl-chitosans and β -lactams against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 975-978.	1.0	9
160	Beneficial Effect of Abalone Intestine Gastro-Intestinal Digests on Osteoblastic MG-63 Cell Differentiation. <i>Journal of Aquatic Food Product Technology</i> , 2014, 23, 436-446.	0.6	9
161	W-7 inhibits voltage-dependent K ⁺ channels independent of calmodulin activity in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , 2015, 750, 14-19.	1.7	9
162	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.	1.7	9

#	ARTICLE	IF	CITATIONS
163	The selective serotonin reuptake inhibitor dapoxetine inhibits voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 480-487.	0.9	9
164	Ciona intestinalis calcitonin-like peptide promotes osteoblast differentiation and mineralization through MAPK pathway in MC3T3-E1 cells. <i>Process Biochemistry</i> , 2018, 67, 127-138.	1.8	9
165	Spontaneous Hinge-Bending Motions of Angiotensin I Converting Enzyme: Role in Activation and Inhibition. <i>Molecules</i> , 2020, 25, 1288.	1.7	9
166	In vitro Antibacterial and Synergistic Activity of an Ecklonia cava Extract against Antibiotic-Resistant Streptococcus parauberis. <i>Fisheries and Aquatic Sciences</i> , 2015, 18, 241-247.	0.3	9
167	Benzyl Isothiocyanate Attenuates Inflammation Activation in Pseudomonas aeruginosa LPS-Stimulated THP-1 Cells and Exerts Regulation through the MAPKs/NF- κ B Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1228.	1.8	9
168	Algivirga pacifica gen. nov., sp. nov., a Novel Agar-Degrading Marine Bacterium of the Family Flammeovirgaceae Isolated from Micronesia. <i>Current Microbiology</i> , 2013, 67, 742-747.	1.0	8
169	Comparison of osteoconductivity of biologic and artificial synthetic hydroxyapatite in experimental mastoid obliteration. <i>Acta Oto-Laryngologica</i> , 2014, 134, 255-259.	0.3	8
170	Caffeic acid phenethyl ester inhibits the inflammatory effects of interleukin-1 β in human corneal fibroblasts. <i>Immunopharmacology and Immunotoxicology</i> , 2014, 36, 371-377.	1.1	8
171	Anti-inflammatory effect of polyphenol-rich extract from the red alga Callophyllis japonica in lipopolysaccharide-induced RAW 264.7 macrophages. <i>Algae</i> , 2014, 29, 343-353.	0.9	8
172	Y-27632, a Rho-Associated Protein Kinase Inhibitor, Inhibits Voltage-Dependent K ⁺ Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Pharmacology</i> , 2016, 98, 220-227.	0.9	8
173	Cellular properties of the fermented microalgae Pavlova lutheri and its isolated active peptide in osteoblastic differentiation of MC3T3-E1 cells. <i>Molecular Medicine Reports</i> , 2018, 17, 2044-2050.	1.1	8
174	Anti-inflammatory effect of ozonated krill (Euphausia superba) oil in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, .	0.3	8
175	In Vitro Antibacterial and Synergistic Effect of Chitosan-Phytochemical Conjugates Against Antibiotic Resistant Fish Pathogenic Bacteria. <i>Indian Journal of Microbiology</i> , 2019, 59, 116-120.	1.5	8
176	Effects of Psidium guajava Leaf Extract on Apoptosis Induction Through Mitochondrial Dysfunction in HepG2 Cells. <i>Microbiology and Biotechnology Letters</i> , 2019, 47, 43-53.	0.2	8
177	Dieckol induces cell cycle arrest by downregulating CDK2/cyclin E in response to p21/p53 activation in human tracheal fibroblasts. <i>Cell Biochemistry and Function</i> , 2022, 40, 71-78.	1.4	8
178	A phlorotannin-loaded homogeneous acellular matrix film modulates post-implantation inflammatory responses. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 51-62.	1.3	8
179	The inhibitory effect of Ca ²⁺ -activated K ⁺ channel activator, BMS on L-type Ca ²⁺ channels in rat ventricular myocytes. <i>Life Sciences</i> , 2011, 89, 331-336.	2.0	7
180	Induction of apoptosis by the tropical seaweed Pylaiella littoralis in HT-29 cells via the mitochondrial and MAPK pathways. <i>Ocean Science Journal</i> , 2013, 48, 339-348.	0.6	7

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181	Inhibitory effects of the platelet-activating factor receptor antagonists, CV-3988 and Ginkgolide B, on alkali burn-induced corneal neovascularization. <i>Cutaneous and Ocular Toxicology</i> , 2015, 34, 53-60.	0.5	7
182	Antioxidant and Angiotensin I Converting Enzyme Inhibition Effects and Antihypertensive Effect in Spontaneously Hypertensive Rats of Peptide Isolated from Boiled Abalone By-Products, <i>Hallotis discus hannai</i>. <i>Journal of Aquatic Food Product Technology</i> , 2018, 27, 946-960.	0.6	7
183	Atypical antipsychotic olanzapine inhibits voltage-dependent K ⁺ channels in coronary arterial smooth muscle cells. <i>Pharmacological Reports</i> , 2021, 73, 1724-1733.	1.5	7
184	Preparation and properties of physically cross-linked <sc>PVA</sc>/pectin hydrogels blended at different ratios for wound dressings. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51696.	1.3	7
185	Draft Genome Sequence of <i>Pedobacter agri</i> PB92 T, Which Belongs to the Family Sphingobacteriaceae. <i>Journal of Bacteriology</i> , 2012, 194, 3738-3738.	1.0	6
186	ALH-L1005 attenuates endotoxin induced inner ear damage. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 465-470.	0.4	6
187	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.	1.6	6
188	Antihypertensive effect of an enzymatic hydrolysate from <i>Styela clava</i> flesh tissue in type 2 diabetic patients with hypertension. <i>Nutrition Research and Practice</i> , 2017, 11, 396.	0.7	6
189	Characterization of Fish Oil Extracted from Fish Processing By-products. <i>Preventive Nutrition and Food Science</i> , 2008, 13, 7-11.	0.7	6
190	Neuroprotective Effects of <i>Nannochloropsis oculata</i> Against AAPH-induced Oxidative DNA Damage in HT22 Cells. <i>International Journal of Pharmacology</i> , 2012, 8, 527-534.	0.1	6
191	PURIFICATION AND CHARACTERIZATION OF A CATALASE FROM THE LIVER OF BULLFROG, <i>RANA CATESBEIANA</i> SHAW. <i>Journal of Food Biochemistry</i> , 2004, 28, 435-448.	1.2	5
192	Beneficial Effect of Teleost Fish Bone Peptide as Calcium Supplements for Bone Mineralization. <i>Advances in Food and Nutrition Research</i> , 2012, 65, 287-295.	1.5	5
193	The PPAR α activator fenofibrate inhibits voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , 2017, 812, 155-162.	1.7	5
194	Phlorotannins ameliorate extracellular matrix production in human vocal fold fibroblasts and prevent vocal fold fibrosis via aerosol inhalation in a laser-induced fibrosis model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1918-1928.	1.3	5
195	Antithrombin III-mediated blood coagulation inhibitory activity of chitosan sulfate derivatized with different functional groups. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1552-1558.	3.6	5
196	Indole-6-carboxaldehyde isolated from <i>Sargassum thunbergii</i> inhibits the expression and secretion of matrix metalloproteinase-9. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1979-1987.	1.8	5
197	Effects of Isoflavone Aglycone-rich Fermented Soybean Paste Extracts on Osteoblastic Differentiation of MG-63 Cells. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2010, 53, 803-809.	0.9	4
198	The inhibitory effect of BIM (I) on L-type Ca ²⁺ channels in rat ventricular cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 110-115.	1.0	4

#	ARTICLE	IF	CITATIONS
199	Functionalized alginate/chitosan biocomposites consisted of cylindrical struts and biologically designed for chitosan release. <i>Current Applied Physics</i> , 2014, 14, 1105-1115.	1.1	4
200	Cisapride, a selective serotonin 5-HT ₄ -receptor agonist, inhibits voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1423-1428.	1.0	4
201	The effect of propofol infusion with topical epinephrine on cochlear blood flow and hearing: An experimental study. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 91, 23-26.	0.4	4
202	Inhibition of the Voltage-Dependent K ⁺ Current by the Tricyclic Antidepressant Desipramine in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Cardiovascular Toxicology</i> , 2018, 18, 252-260.	1.1	4
203	The vasodilatory effect of the antidiabetic drug linagliptin via inhibition of Rho-associated protein kinase in aortic smooth muscle. <i>Life Sciences</i> , 2019, 219, 1-10.	2.0	4
204	Inhibitory effect of immunosuppressive drug tacrolimus on voltage-gated K ⁺ current in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , 2019, 849, 59-66.	1.7	4
205	Vildagliptin, an Anti-diabetic Drug of the DPP-4 Inhibitor, Induces Vasodilation via Kv Channel and SERCA Pump Activation in Aortic Smooth Muscle. <i>Cardiovascular Toxicology</i> , 2019, 19, 244-254.	1.1	4
206	The vasodilatory effect of gemigliptin via activation of voltage-dependent K ⁺ channels and SERCA pumps in aortic smooth muscle. <i>European Journal of Pharmacology</i> , 2020, 882, 173243.	1.7	4
207	Protriptyline, a tricyclic antidepressant, inhibits voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 320-327.	0.9	4
208	<i>In vitro</i> osteogenic activities of sulfated derivative of polysaccharide extracted from <i>Tamarindus indica</i> L. <i>Biological Chemistry</i> , 2021, 402, 1213-1224.	1.2	4
209	Abalone <i>Haliotis discus hannai</i> Intestine Digests with Different Molecule Weights Inhibit MMP-2 and MMP-9 Expression in Human Fibrosarcoma Cells. <i>Fisheries and Aquatic Sciences</i> , 2012, 15, 137-143.	0.3	4
210	Protective effects of fermented onion juice containing higher amount of quercetin aglycone against oxidative stress by 2,2'-azobis (2-amidinopropane) dihydrochloride (AAPH) treatment in Sprague-Dawley rats. <i>European Food Research and Technology</i> , 2008, 226, 473-482.	1.6	3
211	Radical Scavenging Activity of <i>Poncirus trifoliata</i> Extracts and Their Inhibitory Effect Against Hydrogen Peroxide Induced Cell Damage. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2011, 54, 479-487.	0.9	3
212	The pepsinolytic hydrolysate from <i>Johnius belengerii</i> frame inhibited LPS-stimulated production of pro-inflammatory mediators via the inactivating of JNK and NF- κ B pathways in RAW 264.7 macrophages. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, .	0.3	3
213	Inhibition of the voltage-dependent K ⁺ current by the class Ic antiarrhythmic drug flecainide in rabbit coronary arterial smooth muscle cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 1286-1292.	0.9	3
214	Antibacterial effect of <i>Ishige okamurae</i> extract against cutaneous bacterial pathogens and its synergistic antibacterial effect against <i>Pseudomonas aeruginosa</i> . <i>Fisheries and Aquatic Sciences</i> , 2018, 21, .	0.3	3
215	Biomedical Materials for Regenerating Bone Tissue Utilizing Marine Invertebrate. <i>Han'guk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society</i> , 2015, 48, 1-15.	0.1	3
216	Anti-Allergic Effect of Low Molecular Weight Digest from Abalone Viscera on Atopic Dermatitis-Induced NC/Nga. <i>Marine Drugs</i> , 2021, 19, 634.	2.2	3

#	ARTICLE	IF	CITATIONS
217	Nutraceutical potential of polyphenol-rich Sargassum species grown off the Korean coast: a review. Food Science and Biotechnology, 2022, 31, 971-984.	1.2	3
218	Effects of Chitin, Chitosan and Their Derivatives on Human Hemostasis. , 2010, , 251-262.		2
219	FERMENTED SEA TANGLE (LAMINARIA JAPONICA) ATTENUATES ETHANOL-INDUCED OXIDATIVE STRESS IN SPRAGUE-DAWLEY RATS. Journal of Food Biochemistry, 2013, 37, 80-87.	1.2	2
220	Fabrication of cell-penetrable microfibrinous matrices with a highly porous structure using a simple fluidic device for tissue engineering. Materials Letters, 2016, 168, 116-120.	1.3	2
221	Anti-inhibitory potential of an ethanolic extract of Distromium decumbens on pro-inflammatory cytokine production in Pseudomonas aeruginosa lipopolysaccharide-stimulated nasal polyp-derived fibroblasts. International Journal of Molecular Medicine, 2017, 40, 1950-1956.	1.8	2
222	The vasorelaxant effect of antidiabetic drug nateglinide via activation of voltage-dependent K ⁺ channels in aortic smooth muscle. Cardiovascular Therapeutics, 2018, 36, e12299.	1.1	2
223	Inhibition by Imipramine of the Voltage-Dependent K ⁺ Channel in Rabbit Coronary Arterial Smooth Muscle Cells. Toxicological Sciences, 2020, 178, 302-310.	1.4	2
224	The muscarinic receptor antagonist tolterodine inhibits voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. European Journal of Pharmacology, 2020, 870, 172921.	1.7	2
225	The anti-diabetic drug alogliptin induces vasorelaxation via activation of Kv channels and SERCA pumps. European Journal of Pharmacology, 2021, 898, 173991.	1.7	2
226	Phlorotannin-coated poly (ε-caprolactone) film as a potential material for postsurgical adhesion prevention. Journal of Applied Polymer Science, 0, , .	1.3	2
227	Dieckol attenuates the cyclooxygenase-2 expression in lipopolysaccharide stimulated BV2 microglial cells by down-regulation of NF-KB and P38 kinase. Journal of Biotechnology, 2008, 136, S94.	1.9	1
228	A novel visceral excitatory neuropeptide from the brain tissue of cloudy dogfish (Scyliorhinus) Tj ETQq0 0 0 rgBT /Overlock 1Q Tf 50 302	4.2	1
229	Chemical compositions and biological activities of marine invertebrates from the East Sea of South Korea. Fisheries and Aquatic Sciences, 2019, 22, .	0.3	1
230	Suppression of voltage-gated K ⁺ channels by darifenacin in coronary arterial smooth muscle cells. European Journal of Pharmacology, 2021, 891, 173707.	1.7	1
231	The effects of tegaserod, a gastrokinetic agent, on voltage-gated K ⁺ channels in rabbit coronary arterial smooth muscle cells. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 748-756.	0.9	1
232	Inhibitory effects of the atypical antipsychotic, clozapine, on voltage-dependent K ⁺ channels in rabbit coronary arterial smooth muscle cells. Korean Journal of Physiology and Pharmacology, 2022, 26, 277-285.	0.6	1
233	Anti-inflammatory activity of caffeic acid phenethyl ester extracted from Rhodiola sacra against lipopolysaccharide-induced inflammatory responses in mice. Journal of Biotechnology, 2008, 136, S64.	1.9	0
234	Evaluation of anti-asthmatic effect of Laurencia undulatus in murine asthma modeling mouse. Journal of Biotechnology, 2008, 136, S64.	1.9	0

#	ARTICLE	IF	CITATIONS
235	Purification and characterization of a novel anticoagulant peptide from marine echiuroid worm, <i>Urechis unicinctus</i> . <i>Journal of Biotechnology</i> , 2008, 136, S529.	1.9	0
236	Inhibitory effect of phloroglucinol on chronic inflammation. <i>Journal of Biotechnology</i> , 2008, 136, S577-S578.	1.9	0
237	Antioxidative effect of methanolic extract of <i>Sargassum thunbergii</i> in macrophage RAW264.7 and HL60. <i>Journal of Biotechnology</i> , 2008, 136, S538.	1.9	0
238	Fucoidan induces differentiation of osteoblast like cell line (MG-63). <i>Journal of Biotechnology</i> , 2008, 136, S539-S540.	1.9	0
239	Document Form and Character Recognition using SVM. , 2009, , .		0
240	Investigation of the Antiasthmatic Properties of Ethanol Extract of <i>Callophyllis japonica</i> in Mice. <i>Tropical Journal of Pharmaceutical Research</i> , 2014, 12, 981.	0.2	0
241	Antiadhesive effect of bioresorbable polylactide film in abraded middle ear mucosa. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 2064-2067.	0.4	0
242	Antioxidant Peptide Derived from <i>Spirulina maxima</i> Suppresses HIF1 α -Induced Invasive Migration of HT1080 Fibrosarcoma Cells. <i>Journal of Chemistry</i> , 2015, 2015, 1-7.	0.9	0
243	Inhibitory Effect of Tricyclic Antidepressant Doxepin on Voltage-Dependent K ⁺ Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Cardiovascular Toxicology</i> , 2019, 19, 465-473.	1.1	0
244	Protective Effects of In Vitro Gastrointestinal Digests of Abalone (<i>Haliotis discus hannai</i>) Intestines against Oxidative Stress in RAW264.7 Macrophage Cells. <i>Journal of Fisheries Science and Technology</i> , 2010, 13, 216-223.	0.2	0