

Won-Kyo Jung

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241
papers

7,914
citations

48
h-index

81
g-index

252
ext. papers

8,921
ext. citations

4.6
avg, IF

5.92
L-index

#	Paper	IF	Citations
241	Purification of a radical scavenging peptide from fermented mussel sauce and its antioxidant properties. <i>Food Research International</i> , 2005 , 38, 175-182	7	463
240	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, 1690-8	11	308
239	Purification and characterization of antioxidative peptides from protein hydrolysate of lecithin-free egg yolk. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2001 , 78, 651-656	1.8	264
238	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	3.4	262
237	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, 2045-51	4.7	241
236	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	8.5	241
235	Effect of phlorotannins isolated from <i>Ecklonia cava</i> on melanogenesis and their protective effect against photo-oxidative stress induced by UV-B radiation. <i>Toxicology in Vitro</i> , 2009 , 23, 1123-30	3.6	223
234	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, 3365-71	11	211
233	Phlorotannins in <i>Ecklonia cava</i> extract inhibit matrix metalloproteinase activity. <i>Life Sciences</i> , 2006 , 79, 1436-43	6.8	170
232	An anticoagulative polysaccharide from an enzymatic hydrolysate of <i>Ecklonia cava</i> . <i>Carbohydrate Polymers</i> , 2006 , 66, 184-191	10.3	154
231	Angiotensin I converting enzyme (ACE) inhibitory peptide derived from the sauce of fermented blue mussel, <i>Mytilus edulis</i> . <i>Bioresource Technology</i> , 2005 , 96, 1624-9	11	132
230	Isolation of angiotensin I converting enzyme (ACE) inhibitor from fermented oyster sauce, <i>Crassostrea gigas</i> . <i>Food Chemistry</i> , 2005 , 90, 809-814	8.5	132
229	A novel anticoagulant purified from fish protein hydrolysate inhibits factor XIIa and platelet aggregation. <i>Life Sciences</i> , 2005 , 76, 2607-19	6.8	129
228	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	4.8	115
227	Anti-inflammatory effects of cordycepin via suppression of inflammatory mediators in BV2 microglial cells. <i>International Immunopharmacology</i> , 2010 , 10, 1580-6	5.8	106
226	Inhibitory effects and molecular mechanism of dieckol isolated from marine brown alga on COX-2 and iNOS in microglial cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 4439-46	5.7	99
225	Preparation of hoki (<i>Johnius belangerii</i>) bone oligophosphopeptide with a high affinity to calcium by carnivorous intestine crude proteinase. <i>Food Chemistry</i> , 2005 , 91, 333-340	8.5	98

224	Inhibitory effect of diphloretohydroxycarmalol on melanogenesis and its protective effect against UV-B radiation-induced cell damage. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1355-61	4.7	96
223	Caffeic acid phenethyl ester protects mice from lethal endotoxin shock and inhibits lipopolysaccharide-induced cyclooxygenase-2 and inducible nitric oxide synthase expression in RAW 264.7 macrophages via the p38/ERK and NF-kappaB pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 2572-82	5.6	94
222	Marine-derived biological macromolecule-based biomaterials for wound healing and skin tissue regeneration. <i>International Journal of Biological Macromolecules</i> , 2015 , 77, 24-35	7.9	92
221	Ecklonia cava ethanolic extracts inhibit lipopolysaccharide-induced cyclooxygenase-2 and inducible nitric oxide synthase expression in BV2 microglia via the MAP kinase and NF-kappaB pathways. <i>Food and Chemical Toxicology</i> , 2009 , 47, 410-7	4.7	92
220	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	3.4	92
219	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	4.8	92
218	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, 70-7	2.4	88
217	Cilostazol is anti-inflammatory in BV2 microglial cells by inactivating nuclear factor-kappaB and inhibiting mitogen-activated protein kinases. <i>British Journal of Pharmacology</i> , 2010 , 159, 1274-85	8.6	85
216	Fish-bone peptide increases calcium solubility and bioavailability in ovariectomised rats. <i>British Journal of Nutrition</i> , 2006 , 95, 124-8	3.6	81
215	Fish collagen/alginate/chitooligosaccharides integrated scaffold for skin tissue regeneration application. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 504-13	7.9	80
214	Isolation and characterisation of an anticoagulant oligopeptide from blue mussel, <i>Mytilus edulis</i> . <i>Food Chemistry</i> , 2009 , 117, 687-692	8.5	79
213	Inhibition of tumor growth in vitro and in vivo by fucoxanthin against melanoma B16F10 cells. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 35, 39-46	5.8	78
212	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, 575-82	4.7	75
211	Amino acid changes in fermented oyster (<i>Crassostrea gigas</i>) sauce with different fermentation periods. <i>Food Chemistry</i> , 2005 , 91, 15-18	8.5	75
210	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	3.4	72
209	Beneficial effects of fucoïdan on osteoblastic MG-63 cell differentiation. <i>Food Chemistry</i> , 2009 , 116, 990-994	8.94	70
208	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, 3336-42	4.7	68
207	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	4.1	66

206	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	8.5	66
205	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, 289-96	7.5	65
204	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, 2084-90	4.3	62
203	Purification and characterization of a novel anticoagulant peptide from marine echiuroid worm, <i>Urechis unicinctus</i> . <i>Process Biochemistry</i> , 2008 , 43, 179-184	4.8	62
202	Anti-asthmatic effect of marine red alga (<i>Laurencia undulata</i>) polyphenolic extracts in a murine model of asthma. <i>Food and Chemical Toxicology</i> , 2009 , 47, 293-7	4.7	60
201	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	6.8	59
200	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	5.8	55
199	Gallic Acid-g-Chitosan Modulates Inflammatory Responses in LPS-Stimulated RAW264.7 Cells Via NF-κB, AP-1, and MAPK Pathways. <i>Inflammation</i> , 2016 , 39, 366-374	5.1	54
198	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, 255-65	5.6	54
197	Effect of chitoooligosaccharides on calcium bioavailability and bone strength in ovariectomized rats. <i>Life Sciences</i> , 2006 , 78, 970-6	6.8	52
196	Identification of chemical structure and free radical scavenging activity of diphlorethohydroxycarmalol isolated from a brown alga, <i>Ishige okamurae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2008 , 18, 676-81	3.3	52
195	Gliotoxin isolated from marine fungus <i>Aspergillus</i> sp. induces apoptosis of human cervical cancer and chondrosarcoma cells. <i>Marine Drugs</i> , 2013 , 12, 69-87	6	49
194	Anticoagulant activity of heterochitosans and their oligosaccharide sulfates. <i>European Food Research and Technology</i> , 2004 , 219, 529-533	3.4	49
193	The anti-diabetic drug dapagliflozin induces vasodilation via activation of PKG and Kv channels. <i>Life Sciences</i> , 2018 , 197, 46-55	6.8	47
192	Synergistic Antibacterial Effects of Chitosan-Caffeic Acid Conjugate against Antibiotic-Resistant Acne-Related Bacteria. <i>Marine Drugs</i> , 2017 , 15,	6	45
191	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		44
190	The beneficial properties of marine polysaccharides in alleviation of allergic responses. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 129-38	5.9	43
189	Antihypertensive effect of an angiotensin I-converting enzyme inhibitory peptide from bullfrog (<i>Rana catesbeiana</i> Shaw) muscle protein in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2007 , 42, 1443-1448	4.8	42

188	Anti-inflammatory effects of trans-1,3-diphenyl-2,3-epoxypropane-1-one mediated by suppression of inflammatory mediators in LPS-stimulated RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2013 , 53, 371-5	4.7	40
187	Anti-inflammatory effect of Apo-9Rfucoxanthinone 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	5.8	39
186	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, 926-32	3.8	39
185	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	2.8	39
184	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	9.3	38
183	Characterization and biological activity of PVA hydrogel containing chitooligosaccharides conjugated with gallic acid. <i>Carbohydrate Polymers</i> , 2018 , 198, 197-205	10.3	37
182	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	5.7	37
181	Quantitative analysis of the role of nanohydroxyapatite (nHA) on 3D-printed PCL/nHA composite scaffolds. <i>Materials Letters</i> , 2018 , 220, 112-115	3.3	34
180	A novel anticoagulant protein from <i>Scapharca broughtonii</i> . <i>BMB Reports</i> , 2002 , 35, 199-205	5.5	34
179	Fabrication, characterization and determination of biological activities of poly(ϵ -caprolactone)/chitosan-caffeic acid composite fibrous mat for wound dressing application. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1549-1558	7.9	33
178	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	4.8	32
177	Protective effect of aquacultured flounder fish-derived peptide against oxidative stress in zebrafish. <i>Fish and Shellfish Immunology</i> , 2014 , 36, 320-3	4.3	32
176	Effect of angiotensin I-converting enzyme (ACE) inhibitory peptide purified from enzymatic hydrolysates of <i>Styela plicata</i> . <i>European Food Research and Technology</i> , 2011 , 233, 915-922	3.4	31
175	Caffeic acid phenethyl ester reduces the secretion of vascular endothelial growth factor through the inhibition of the ROS, PI3K and HIF-1 β signaling pathways in human retinal pigment epithelial cells under hypoxic conditions. <i>International Journal of Molecular Medicine</i> , 2015 , 35, 1419-26	4.4	30
174	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, 452621	2.3	29
173	Preparation and antioxidant potential of maillard reaction products from (MRPs) chitooligomer. <i>Food Chemistry</i> , 2014 , 145, 173-8	8.5	28
172	Matrix metalloproteinases (MMPs) inhibitory effects of an octameric oligopeptide isolated from abalone <i>Haliotis discus hannai</i> . <i>Food Chemistry</i> , 2013 , 141, 503-9	8.5	27
171	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, 1217-26	5.8	27

170	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	4.8	26
169	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, 1725-34	3.7	26
168	Cilostazol protects mice against endotoxin shock and attenuates LPS-induced cytokine expression in RAW 264.7 macrophages via MAPK inhibition and NF-kappaB inactivation: not involved in cAMP mechanisms. <i>International Immunopharmacology</i> , 2010 , 10, 1077-85	5.8	26
167	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, 22-9	4.6	26
166	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	4.4	25
165	Effect of angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO) production of 6,6'-bieckol, a marine algal polyphenol and its anti-hypertensive effect in spontaneously hypertensive rats. <i>Process Biochemistry</i> , 2017 , 58, 326-332	4.8	24
164	Anti-inflammatory effects of sodium alginate/gelatin porous scaffolds merged with fucoidan in murine microglial BV2 cells. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1620-1632	7.9	24
163	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	4.8	24
162	Preparation and characterization of multi-layered poly(L-lactide)/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, 5831-5841	7.3	24
161	Biological activities and biomedical potential of sea cucumber (<i>Stichopus japonicus</i>): a review. <i>Fisheries and Aquatic Sciences</i> , 2017 , 20,	2.9	24
160	The 15-deoxy-Delta12,14-prostaglandin J2 inhibits LPS-stimulated AKT and NF-kappaB activation and suppresses interleukin-6 in osteoblast-like cells MC3T3E-1. <i>Life Sciences</i> , 2009 , 85, 46-53	6.8	24
159	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	4.8	24
158	A novel anticoagulant protein with high affinity to blood coagulation factor Va from <i>Tegillarca granosa</i> . <i>BMB Reports</i> , 2007 , 40, 832-8	5.5	24
157	Photo-oxidative stress by ultraviolet-B radiation and antioxidative defense of eckstonol in human keratinocytes. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 926-34	5.8	23
156	Sulfated polysaccharide purified from <i>Ecklonia cava</i> accelerates antithrombin III-mediated plasma proteinase inhibition. <i>Journal of Applied Phycology</i> , 2007 , 19, 425-430	3.2	23
155	Antimicrobial hydrogels based on PVA and diphloretohydroxycarmalol (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	8.3	23
154	Fish bone peptide promotes osteogenic differentiation of MC3T3-E1 pre-osteoblasts through upregulation of MAPKs and Smad pathways activated BMP-2 receptor. <i>Cell Biochemistry and Function</i> , 2018 , 36, 137-146	4.2	22
153	3,3RDiindolylmethane inhibits VEGF expression through the HIF-1 and NF- κ B pathways in human retinal pigment epithelial cells under chemical hypoxic conditions. <i>International Journal of Molecular Medicine</i> , 2015 , 36, 301-8	4.4	22

152	Prevention of oxidative stress in Chang liver cells by gallic acid-grafted-chitosans. <i>Carbohydrate Polymers</i> , 2012 , 87, 876-880	10.3	22
151	Synergistic Antibacterial Effect and Antibacterial Action Mode of Chitosan-Ferulic Acid Conjugate against Methicillin-Resistant Staphylococcus aureus. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 784-9	3.3	22
150	Eckol from Eisenia bicyclis Inhibits Inflammation Through the Akt/NF- κ B Signaling in Propionibacterium acnes-Induced Human Keratinocyte Hacat Cells. <i>Journal of Food Biochemistry</i> , 2017 , 41, e12312	3.3	21
149	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, 312-9	3.7	21
148	Cilostazol induces vasodilation through the activation of Ca(2+)-activated K(+) channels in aortic smooth muscle. <i>Vascular Pharmacology</i> , 2015 , 70, 15-22	5.9	20
147	Angiotensin I-converting enzyme (ACE) inhibition and nitric oxide (NO)-mediated antihypertensive effect of octaphloretol A isolated from Ishige sinicola: In vitro molecular mechanism and in vivo SHR model. <i>Journal of Functional Foods</i> , 2015 , 18, 289-299	5.1	20
146	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, 108-14	5	20
145	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, 321-5	3.4	19
144	YCG063 inhibits Pseudomonas aeruginosa 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, 808-16	4.4	19
143	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	3.7	19
142	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	3.1	19
141	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	7.9	19
140	Bis (3-bromo-4,5-dihydroxybenzyl) ether, a novel bromophenol from the marine red alga Polysiphonia morrowii 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	7.5	19
139	Anti-inflammatory activity of caffeic acid phenethyl ester (CAPE) extracted from Rhodiola sacra against lipopolysaccharide-induced inflammatory responses in mice. <i>Process Biochemistry</i> , 2008 , 43, 783-787	4.8	18
138	Effect of umbilical cord serum coated 3D PCL/alginate scaffold for mastoid obliteration. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014 , 78, 1061-5	1.7	17
137	The antioxidant and anti-inflammatory effects of abalone intestine digest, Haliotis discus hannai in RAW 264.7 macrophages. <i>Biotechnology and Bioprocess Engineering</i> , 2012 , 17, 475-484	3.1	17
136	FREE RADICAL-SCAVENGING ACTIVITIES OF LOW MOLECULAR WEIGHT CHITIN OLIGOSACCHARIDES LEAD TO ANTIOXIDANT EFFECT IN LIVE CELLS. <i>Journal of Food Biochemistry</i> , 2010 , 34, 161-177	3.3	17
135	Benzyl isothiocyanate inhibits inflammasome activation in E. coli LPS-stimulated BV2 cells. <i>International Journal of Molecular Medicine</i> , 2016 , 38, 912-8	4.4	16

134	Attenuation of IFN- γ -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, 82-9	6.8	16
133	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	5.1	16
132	Inhibitory activity of phosphorylated chitoooligosaccharides on the formation of calcium phosphate. <i>Carbohydrate Polymers</i> , 2005 , 60, 483-487	10.3	15
131	Characterization of an oxidized alginate-gelatin hydrogel incorporating a COS-salicylic acid conjugate for wound healing. <i>Carbohydrate Polymers</i> , 2021 , 252, 117145	10.3	15
130	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, 207-13	4.6	14
129	Antibacterial and Biofilm Modulating Potential of Ferulic Acid-Grafted Chitosan against Human Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
128	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	8.5	14
127	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, 282-8	6.8	14
126	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	3.5	13
125	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, 916-22	6.8	13
124	Expression of galectin-9 by IFN- γ -stimulated human nasal polyp fibroblasts through MAPK, PI3K, and JAK/STAT signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 259-64	3.4	13
123	Lipase-catalyzed hydrolysis of fish oil in an optimum emulsion system. <i>Biotechnology and Bioprocess Engineering</i> , 2007 , 12, 484-490	3.1	13
122	Angiotensin I-Converting Enzyme (ACE) Inhibitory Peptide Isolated from Biodiesel Byproducts of Marine Microalgae, <i>Nannochloropsis Oculata</i> . <i>Journal of Biobased Materials and Bioenergy</i> , 2013 , 7, 135-142	1.4	13
121	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	7.9	13
120	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	5.3	12
119	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, 243-50	4.4	12
118	Marine algae possess therapeutic potential for Ca-mineralization via osteoblastic differentiation. <i>Advances in Food and Nutrition Research</i> , 2011 , 64, 429-41	6	12
117	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, 1115-23	3.3	12

116	Electrospun porous bilayer nano-fibrous fish collagen/PCL bio-composite scaffolds with covalently cross-linked chitooligosaccharides for full-thickness wound-healing applications. <i>Materials Science and Engineering C</i> , 2021 , 121, 111871	8.3	12
115	A polycaprolactone/fish collagen/alginate biocomposite supplemented with phlorotannin for hard tissue regeneration. <i>RSC Advances</i> , 2017 , 7, 2009-2018	3.7	11
114	The 15-deoxy- $\Delta^{12,14}$ -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, 449-56	4.4	11
113	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	3.5	11
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