

# Won-Kyo Jung

## 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.

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	Fucoidan Isolated from Suppresses Inflammatory Responses and Oxidative Stress in TNF- $\alpha$ /IFN- $\gamma$ Stimulated HaCaT Keratinocytes by Activating Nrf2/HO-1 Signaling Pathway.. <i>Marine Drugs</i> , <b>2022</b> , 20,	6	3
240	A 3D-Printed Polycaprolactone/Marine Collagen Scaffold Reinforced with Carbonated Hydroxyapatite from Fish Bones for Bone Regeneration. <i>Marine Drugs</i> , <b>2022</b> , 20, 344	6	2
239	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> , <b>2021</b> , 211, 112307	6	4
238	Phloroglucinol-Gold and -Zinc Oxide Nanoparticles: Antibiofilm and Antivirulence Activities towards PAO1. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	4
237	Dieckol induces cell cycle arrest by down-regulating CDK2/cyclin E in response to p21/p53 activation in human tracheal fibroblasts. <i>Cell Biochemistry and Function</i> , <b>2021</b> , 40, 71	4.2	1
236	A phlorotannins-loaded homogeneous acellular matrix film modulates post-implantation inflammatory responses. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2021</b> , 16, 51	4.4	0
235	Applications of Marine Organism-Derived Polydeoxyribonucleotide: Its Potential in Biomedical Engineering. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	1
234	The anti-diabetic drug alogliptin induces vasorelaxation via activation of Kv channels and SERCA pumps. <i>European Journal of Pharmacology</i> , <b>2021</b> , 898, 173991	5.3	1
233	Atypical antipsychotic olanzapine inhibits voltage-dependent K channels in coronary arterial smooth muscle cells. <i>Pharmacological Reports</i> , <b>2021</b> , 73, 1724-1733	3.9	0
232	Suppression of voltage-gated K channels by darifenacin in coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2021</b> , 891, 173707	5.3	1
231	Characterization of an oxidized alginate-gelatin hydrogel incorporating a COS-salicylic acid conjugate for wound healing. <i>Carbohydrate Polymers</i> , <b>2021</b> , 252, 117145	10.3	15
230	3D PCL/fish collagen composite scaffolds incorporating osteogenic abalone protein hydrolysates for bone regeneration application: and studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2021</b> , 32, 355-371	3.5	3
229	The effects of tegaserod, a gastrokinetic agent, on voltage-gated K channels in rabbit coronary arterial smooth muscle cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> , 48, 748-756	3	0
228	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> , <b>2021</b> , 121, 111871	8.3	12
227	osteogenic activities of sulfated derivative of polysaccharide extracted from <i>L. Biological Chemistry</i> , <b>2021</b> , 402, 1213-1224	4.5	1
226	Wound healing properties of triple cross-linked poly (vinyl alcohol)/methacrylate kappa-carrageenan/chitooligosaccharide hydrogel. <i>Carbohydrate Polymers</i> , <b>2021</b> , 269, 118272	10.3	8
225	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> , <b>2020</b> , 882, 173243	5.3	4

224	Spontaneous Hinge-Bending Motions of Angiotensin I Converting Enzyme: Role in Activation and Inhibition. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
223	Protriptyline, a tricyclic antidepressant, inhibits voltage-dependent K <sup>+</sup> channels in rabbit coronary arterial smooth muscle cells. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2020</b> , 52, 320-327	2.8	2
222	Inhibition by the atypical antipsychotic risperidone of voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2020</b> , 874, 173027	5.3	5
221	The muscarinic receptor antagonist tolterodine inhibits voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2020</b> , 870, 172921	5.3	2
220	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> , <b>2020</b> , 107, 110352	8.3	23
219	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> , <b>2020</b> , 156, 1565-1573	7.9	19
218	Phlorofucofuroeckol A from <i>Ecklonia cava</i> ameliorates TGF- $\beta$ 1-induced fibrotic response of human tracheal fibroblasts via the downregulation of MAPKs and SMAD 2/3 pathways inactivated TGF- $\beta$ receptor. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 522, 626-632	3.4	8
217	Inhibition by Imipramine of the Voltage-Dependent K <sup>+</sup> Channel in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Toxicological Sciences</i> , <b>2020</b> , 178, 302-310	4.4	1
216	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> , <b>2020</b> , 14, 1918-1928	4.4	3
215	Recent advances in biological macromolecule based tissue-engineered composite scaffolds for cardiac tissue regeneration applications. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 2329-2357	7.9	13
214	Antithrombin III-mediated blood coagulation inhibitory activity of chitosan sulfate derivatized with different functional groups. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 161, 1552-1558	7.9	2
213	3D Printed Marine Biomaterials Composites for Bone Tissue Engineering <b>2020</b> , 1299-1314		1
212	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> , <b>2020</b> , 108, 1046-1056	3.5	8
211	The vasodilatory effect of the antidiabetic drug linagliptin via inhibition of Rho-associated protein kinase in aortic smooth muscle. <i>Life Sciences</i> , <b>2019</b> , 219, 1-10	6.8	4
210	Enhanced rheological behaviors of alginate hydrogels with carrageenan for extrusion-based bioprinting. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2019</b> , 98, 187-194	4.1	66
209	Inhibitory Effect of Tricyclic Antidepressant Doxepin on Voltage-Dependent K Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Cardiovascular Toxicology</i> , <b>2019</b> , 19, 465-473	3.4	
208	Inhibitory effect of immunosuppressive drug tacrolimus on voltage-gated K current in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2019</b> , 849, 59-66	5.3	2
207	In Vitro Antibacterial and Synergistic Effect of Chitosan-Phytochemical Conjugates Against Antibiotic Resistant Fish Pathogenic Bacteria. <i>Indian Journal of Microbiology</i> , <b>2019</b> , 59, 116-120	3.7	5

206	Antiphotaging effect of boiled abalone residual peptide ATPGDEG on UVB-induced keratinocyte HaCaT cells. <i>Food and Nutrition Research</i> , <b>2019</b> , 63,	3.1	8
205	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> , <b>2019</b> , 44, 1979-1987	4.4	4
204	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> , <b>2019</b> , 33, 737-744	6.7	9
203	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> , <b>2019</b> , 19, 244-254	3.4	4
202	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> , <b>2019</b> , 107, 1937-1944	3.5	11
201	Cellular properties of the fermented microalgae <i>Pavlova lutheri</i> and its isolated active peptide in osteoblastic differentiation of MG-63 cells. <i>Molecular Medicine Reports</i> , <b>2018</b> , 17, 2044-2050	2.9	6
200	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> , <b>2018</b> , 36, 137-146	4.2	22
199	Quantitative analysis of the role of nanohydroxyapatite (nHA) on 3D-printed PCL/nHA composite scaffolds. <i>Materials Letters</i> , <b>2018</b> , 220, 112-115	3.3	34
198	Anti-inflammatory effect of Apo-9Rfucoxanthinone via inhibition of MAPKs and NF- $\kappa$ B signaling pathway in LPS-stimulated RAW 264.7 macrophages and zebrafish model. <i>International Immunopharmacology</i> , <b>2018</b> , 59, 339-346	5.8	39
197	The anti-diabetic drug dapagliflozin induces vasodilation via activation of PKG and Kv channels. <i>Life Sciences</i> , <b>2018</b> , 197, 46-55	6.8	47
196	<i>Ciona intestinalis</i> calcitonin-like peptide promotes osteoblast differentiation and mineralization through MAPK pathway in MC3T3-E1 cells. <i>Process Biochemistry</i> , <b>2018</b> , 67, 127-138	4.8	7
195	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- $\kappa$ B pathways in human fibrosarcoma cells. <i>Journal of Applied Phycology</i> , <b>2018</b> , 30, 2367-2378	3.2	8
194	Fabrication and characterization of phlorotannins/poly (vinyl alcohol) hydrogel for wound healing application. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2018</b> , 29, 972-983	3.5	13
193	The vasorelaxant effect of antidiabetic drug nateglinide via activation of voltage-dependent K channels in aortic smooth muscle. <i>Cardiovascular Therapeutics</i> , <b>2018</b> , 36, e12299	3.3	2
192	Anti-Inflammatory Potential of Ethanolic Extracts via Inhibition of NF- $\kappa$ B and AP-1 Activation in LPS-Stimulated RAW264.7 Macrophages. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 6914514	2.3	8
191	The pepsinolytic hydrolysate from <i>Johnius belengerii</i> frame inhibited LPS-stimulated production of pro-inflammatory mediators via the inactivating of JNK and NF- $\kappa$ B pathways in RAW 264.7 macrophages. <i>Fisheries and Aquatic Sciences</i> , <b>2018</b> , 21,	2.9	2
190	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> , <b>2018</b> , 45, 1286-1292	3	2
189	Anti-inflammatory effect of ozonated krill ( <i>Euphausia superba</i> ) oil in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Fisheries and Aquatic Sciences</i> , <b>2018</b> , 21,	2.9	5

188	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> , <b>2018</b> , 21,	2.9	2
187	Antibacterial and Biofilm Modulating Potential of Ferulic Acid-Grafted Chitosan against Human Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	14
186	Characterization and biological activity of PVA hydrogel containing chitooligosaccharides conjugated with gallic acid. <i>Carbohydrate Polymers</i> , <b>2018</b> , 198, 197-205	10.3	37
185	Photo-based PDT/PTT dual model killing and imaging of cancer cells using phycocyanin-polypyrrole nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 123, 20-30	5.7	37
184	Inhibition of the Voltage-Dependent K Current by the Tricyclic Antidepressant Desipramine in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Cardiovascular Toxicology</i> , <b>2018</b> , 18, 252-260	3.4	4
183	Fucoxanthin 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> , <b>2018</b> , 16,	6	6
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>Haliotis discus hannai</i> . <i>Journal of Aquatic Food Product Technology</i> , <b>2018</b> , 27, 946-960	1.6	4
181	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</i>	7.5	19
180	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> , <b>2017</b> , 44, 480-487	3	7
179	A polycaprolactone/fish collagen/alginate biocomposite supplemented with phlorotannin for hard tissue regeneration. <i>RSC Advances</i> , <b>2017</b> , 7, 2009-2018	3.7	11
178	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> , <b>2017</b> , 58, 326-332	4.8	24
177	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> , <b>2017</b> , 39, 1072-1082	4.4	25
176	Fucoxanthin inhibits profibrotic protein expression in vitro and attenuates bleomycin-induced lung fibrosis in vivo. <i>European Journal of Pharmacology</i> , <b>2017</b> , 811, 199-207	5.3	12
175	Eckol from <i>Eisenia bicyclis</i> Inhibits Inflammation Through the Akt/NF- $\kappa$ B Signaling in <i>Propionibacterium acnes</i> -Induced Human Keratinocyte HaCat Cells. <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12312	3.3	21
174	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> , <b>2017</b> , 54, 180-187	4.8	26
173	Anti-inhibitory potential of an ethanolic extract of <i>Distromium decumbens</i> on pro-inflammatory cytokine production in <i>Pseudomonas aeruginosa</i> lipopolysaccharide-stimulated nasal polyp-derived fibroblasts. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 40, 1950-1956	4.4	0
172	The PPAR $\alpha$ activator fenofibrate inhibits voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2017</b> , 812, 155-162	5.3	3
171	Biological activities and biomedical potential of sea cucumber ( <i>Stichopus japonicus</i> ): a review. <i>Fisheries and Aquatic Sciences</i> , <b>2017</b> , 20,	2.9	24

170	Antihypertensive effect of an enzymatic hydrolysate from flesh tissue in type 2 diabetic patients with hypertension. <i>Nutrition Research and Practice</i> , <b>2017</b> , 11, 396-401	2.1	3
169	Synergistic Antibacterial Effects of Chitosan-Caffeic Acid Conjugate against Antibiotic-Resistant Acne-Related Bacteria. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	45
168	Benzyl isothiocyanate inhibits inflammasome activation in E. coli LPS-stimulated BV2 cells. <i>International Journal of Molecular Medicine</i> , <b>2016</b> , 38, 912-8	4.4	16
167	5-Bromo-2-hydroxy-4-methyl-benzaldehyde inhibited LPS-induced production of pro-inflammatory mediators through the inactivation of ERK, p38, and NF-B pathways in RAW 264.7 macrophages. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 258, 108-14	5	20
166	Cisapride, a selective serotonin 5-HT <sub>4</sub> -receptor agonist, inhibits voltage-dependent K(+) channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 478, 1423-8	3.4	3
165	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> , <b>2016</b> , 6, 54169-54178	3.7	8
164	Y-27632, a Rho-Associated Protein Kinase Inhibitor, Inhibits Voltage-Dependent K <sup>+</sup> Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Pharmacology</i> , <b>2016</b> , 98, 220-227	2.3	7
163	The anti-diabetic drug repaglinide induces vasorelaxation via activation of PKA and PKG in aortic smooth muscle. <i>Vascular Pharmacology</i> , <b>2016</b> , 84, 38-46	5.9	8
162	The effect of propofol infusion with topical epinephrine on cochlear blood flow and hearing: An experimental study. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2016</b> , 91, 23-26	1.7	3
161	Anti-inflammatory effects of sodium alginate/gelatin porous scaffolds merged with fucoidan in murine microglial BV2 cells. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 93, 1620-1632	7.9	24
160	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> , <b>2016</b> , 389, 713-714	3.4	9
159	Fabrication, characterization and determination of biological activities of poly( $\epsilon$ -caprolactone)/chitosan-caffeic acid composite fibrous mat for wound dressing application. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 93, 1549-1558	7.9	33
158	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
157	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> , <b>2016</b> , 37, 243-50	4.4	12
156	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> , <b>2016</b> , 461, 359-368	9.3	38
155	Gallic Acid-g-Chitosan Modulates Inflammatory Responses in LPS-Stimulated RAW264.7 Cells Via NF-B, AP-1, and MAPK Pathways. <i>Inflammation</i> , <b>2016</b> , 39, 366-374	5.1	54
154	A Newly Identified Glutaminase-Free L-Asparaginase (L-ASPG86) from the Marine Bacterium <i>Mesoflavibacter zeaxanthinifaciens</i> . <i>Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 26, 1115-23	3.3	12
153	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> , <b>2016</b> , 26, 784-9	3.3	22

152	Fabrication of cell-penetrable microfibrinous matrices with a highly porous structure using a simple fluidic device for tissue engineering. <i>Materials Letters</i> , <b>2016</b> , 168, 116-120	3.3	2
151	Marine Algae Based Biomaterials for Osteoblast Differentiation and Tissue Regeneration <b>2015</b> , 489-508		
150	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
149	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> , <b>2015</b> , 50, 1318-1326	4.8	32
148	Cilostazol induces vasodilation through the activation of Ca(2+)-activated K(+) channels in aortic smooth muscle. <i>Vascular Pharmacology</i> , <b>2015</b> , 70, 15-22	5.9	20
147	Effects of fucoidan on cell morphology and migration in osteoblasts. <i>Food Science and Biotechnology</i> , <b>2015</b> , 24, 699-704	3	7
146	Marine-derived biological macromolecule-based biomaterials for wound healing and skin tissue regeneration. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 77, 24-35	7.9	92
145	The calmodulin inhibitor CGS 9343B inhibits voltage-dependent K <sup>+</sup> channels in rabbit coronary arterial smooth muscle cells. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 285, 207-13	4.6	14
144	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
143	Fish collagen/alginate/chitooligosaccharides integrated scaffold for skin tissue regeneration application. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 81, 504-13	7.9	80
142	The beneficial properties of marine polysaccharides in alleviation of allergic responses. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 129-38	5.9	43
141	Angiotensin-I converting enzyme inhibitory peptides from antihypertensive skate ( <i>Okamejei kenojei</i> ) skin gelatin hydrolysate in spontaneously hypertensive rats. <i>Food Chemistry</i> , <b>2015</b> , 174, 37-43	8.5	66
140	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> , <b>2015</b> , 38, 1208-13	2.3	10
139	Antioxidant Peptide Derived from <i>Spirulina maxima</i> Suppresses HIF-1 $\alpha$ -Induced Invasive Migration of HT1080 Fibrosarcoma Cells. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-7	2.3	
138	Caffeic acid phenethyl ester reduces the secretion of vascular endothelial growth factor through the inhibition of the ROS, PI3K and HIF-1 $\beta$ signaling pathways in human retinal pigment epithelial cells under hypoxic conditions. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 35, 1419-26	4.4	30
137	YCG063 inhibits <i>Pseudomonas aeruginosa</i> LPS-induced inflammation in human retinal pigment epithelial cells through the TLR2-mediated AKT/NF- $\kappa$ B pathway and ROS-independent pathways. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 36, 808-16	4.4	19
136	3,3'-Diindolylmethane inhibits VEGF expression through the HIF-1 $\alpha$ and NF- $\kappa$ B pathways in human retinal pigment epithelial cells under chemical hypoxic conditions. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 36, 301-8	4.4	22
135	W-7 inhibits voltage-dependent K(+) channels independent of calmodulin activity in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2015</b> , 750, 14-9	5.3	8

134	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> , <b>2015</b> , 34, 53-60	1.8	4
133	In vitro Antibacterial and Synergistic Activity of an Ecklonia cava Extract against Antibiotic-Resistant <i>Streptococcus parauberis</i> . <i>Fisheries and Aquatic Sciences</i> , <b>2015</b> , 18, 241-247	2.9	7
132	Biomedical Materials for Regenerating Bone Tissue Utilizing Marine Invertebrate. <i>Hannguk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society</i> , <b>2015</b> , 48, 1-15		3
131	The 15-deoxy- $\Delta^{12,14}$ -prostaglandin J <sub>2</sub> 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> , <b>2014</b> , 33, 449-56	4.4	11
130	Antiadhesive effect of bioresorbable polylactide film in abraded middle ear mucosa. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2014</b> , 78, 2064-7	1.7	
129	Attenuation of IFN- $\gamma$ -induced B7-H1 expression by 15-deoxy- $\Delta^{12,14}$ -prostaglandin J <sub>2</sub> via downregulation of the Jak/STAT/IRF-1 signaling pathway. <i>Life Sciences</i> , <b>2014</b> , 112, 82-9	6.8	16
128	Protective effects of peptides from skate ( <i>Okamejei kenojei</i> ) skin gelatin against endothelial dysfunction. <i>Journal of Functional Foods</i> , <b>2014</b> , 10, 243-251	5.1	16
127	Beneficial Effect of Abalone Intestine Gastro-Intestinal Digests on Osteoblastic MG-63 Cell Differentiation. <i>Journal of Aquatic Food Product Technology</i> , <b>2014</b> , 23, 436-446	1.6	7
126	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
125	Characterisation of inorganic elements and volatile organic compounds in the dried sea cucumber <i>Stichopus japonicus</i> . <i>Food Chemistry</i> , <b>2014</b> , 147, 34-41	8.5	14
124	ALH-L1005 attenuates endotoxin induced inner ear damage. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2014</b> , 78, 465-70	1.7	6
123	Effect of topical dexamethasone in reducing dysfunction after facial nerve crush injury in the rat. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2014</b> , 78, 960-3	1.7	9
122	The calmodulin inhibitor and antipsychotic drug trifluoperazine inhibits voltage-dependent K <sup>+</sup> channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 443, 321-5	3.4	19
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120	Caffeic acid phenethyl ester promotes anti-inflammatory effects by inhibiting MAPK and NF- $\kappa$ B signaling in activated HMC-1 human mast cells. <i>Pharmaceutical Biology</i> , <b>2014</b> , 52, 926-32	3.8	39
119	Investigation of the Antiasthmatic Properties of Ethanol Extract of <i>Callophyllis japonica</i> in Mice. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2014</b> , 12, 981	0.8	
118	Comparison of osteoconductivity of biologic and artificial synthetic hydroxyapatite in experimental mastoid obliteration. <i>Acta Oto-Laryngologica</i> , <b>2014</b> , 134, 255-9	1.6	7
117	Caffeic acid phenethyl ester inhibits the inflammatory effects of interleukin-1 $\alpha$ in human corneal fibroblasts. <i>Immunopharmacology and Immunotoxicology</i> , <b>2014</b> , 36, 371-7	3.2	6



116	Functionalized alginate/chitosan biocomposites consisted of cylindrical struts and biologically designed for chitosan release. <i>Current Applied Physics</i> , <b>2014</b> , 14, 1105-1115	2.6	3
115	Anti-inflammatory effect of polyphenol-rich extract from the red alga <i>Callophyllis japonica</i> in lipopolysaccharide-induced RAW 264.7 macrophages. <i>Algae</i> , <b>2014</b> , 29, 343-353	2.4	6
114	Effect of umbilical cord serum coated 3D PCL/alginate scaffold for mastoid obliteration. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2014</b> , 78, 1061-5	1.7	17
113	Preparation and antioxidant potential of maillard reaction products from (MRPs) chitoooligomer. <i>Food Chemistry</i> , <b>2014</b> , 145, 173-8	8.5	28
112	Effective microwell plate-based screening method for microbes producing cellulase and xylanase and its application. <i>Journal of Microbiology and Biotechnology</i> , <b>2014</b> , 24, 1559-65	3.3	9
111	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
110	FERMENTED SEA TANGLE ( <i>LAMINARIA JAPONICA</i> ) ATTENUATES ETHANOL-INDUCED OXIDATIVE STRESS IN SPRAGUE-DAWLEY RATS. <i>Journal of Food Biochemistry</i> , <b>2013</b> , 37, 80-87	3.3	2
109	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> , <b>2013</b> , 48, 1387-1394	4.8	24
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107	<i>Algivirga pacifica</i> gen. nov., sp. nov., a novel agar-degrading marine bacterium of the family Flammeovirgaceae isolated from Micronesia. <i>Current Microbiology</i> , <b>2013</b> , 67, 742-7	2.4	2
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105	Protection of hepatic cell damage and antimicrobial evaluation of chitosan-catechin conjugate <b>2013</b> , 56, 701-707		6
104	Induction of apoptosis by the tropical seaweed <i>Pylaiella littoralis</i> in HT-29 cells via the mitochondrial and MAPK pathways. <i>Ocean Science Journal</i> , <b>2013</b> , 48, 339-348	1.1	6
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102	The effect of PI3 kinase inhibitor LY294002 on voltage-dependent K(+) channels in rabbit coronary arterial smooth muscle cells. <i>Life Sciences</i> , <b>2013</b> , 92, 916-22	6.8	13
101	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> , <b>2013</b> , 92, 282-8	6.8	14
100	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
99	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

98	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
97	Glutotoxin isolated from marine fungus <i>Aspergillus</i> sp. induces apoptosis of human cervical cancer and chondrosarcoma cells. <i>Marine Drugs</i> , <b>2013</b> , 12, 69-87	6	49
96	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> , <b>2013</b> , 7, 135-142	1.4	13
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93	The inhibitory effect of BIM (I) on L-type Ca <sup>2+</sup> channels in rat ventricular cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 423, 110-5	3.4	4
92	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
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7	Anticoagulant activity of heterochitosans and their oligosaccharide sulfates. <i>European Food Research and Technology</i> , <b>2004</b> , 219, 529-533	3.4	49
6	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> , <b>2003</b> , 35, 255-65	5.6	54
5	A novel anticoagulant protein from <i>Scapharca broughtonii</i> . <i>BMB Reports</i> , <b>2002</b> , 35, 199-205	5.5	34
4	Purification and characterization of antioxidative peptides from protein hydrolysate of lecithin-free egg yolk. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2001</b> , 78, 651-656	1.8	264
3	Synergistic Antibacterial Effects of Chitosan-Caffeic Acid Conjugate against Antibiotic Resistant Acne-Related Bacteria		3
2	Preparation and properties of physically cross-linked PVA/pectin hydrogels blended at different ratios for wound dressings. <i>Journal of Applied Polymer Science</i> , 51696	2.9	0
1	Nutraceutical potential of polyphenol-rich <i>Sargassum</i> species grown off the Korean coast: a review. <i>Food Science and Biotechnology</i> , 1	3	0