

# Se-Kwon Kim

## List of Publications by Year in descending order

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557  
papers

41,444  
citations

1530

106  
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3903

177  
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822  
all docs

822  
docs citations

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times ranked

29921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological activities and potential health benefits of sulfated polysaccharides derived from marine algae. <i>Carbohydrate Polymers</i> , 2011, 84, 14-21.	5.1	775
2	Enzymatic production and biological activities of chitosan oligosaccharides (COS): A review. <i>Carbohydrate Polymers</i> , 2005, 62, 357-368.	5.1	737
3	Alginate composites for bone tissue engineering: A review. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 269-281.	3.6	700
4	Antimicrobial effect of chitooligosaccharides produced by bioreactor. <i>Carbohydrate Polymers</i> , 2001, 44, 71-76.	5.1	611
5	Development and biological activities of marine-derived bioactive peptides: A review. <i>Journal of Functional Foods</i> , 2010, 2, 1-9.	1.6	610
6	Bioactive compounds from marine processing byproducts – A review. <i>Food Research International</i> , 2006, 39, 383-393.	2.9	583
7	Chitosan Composites for Bone Tissue Engineering – An Overview. <i>Marine Drugs</i> , 2010, 8, 2252-2266.	2.2	576
8	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
9	Antioxidant Properties of a Radical-Scavenging Peptide Purified from Enzymatically Prepared Fish Skin Gelatin Hydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 581-587.	2.4	524
10	Investigation of jumbo squid ( <i>Dosidicus gigas</i> ) skin gelatin peptides for their in vitro antioxidant effects. <i>Life Sciences</i> , 2005, 77, 2166-2178.	2.0	427
11	Biological activities and health benefit effects of natural pigments derived from marine algae. <i>Journal of Functional Foods</i> , 2011, 3, 255-266.	1.6	423
12	Isolation and Characterization of Antioxidative Peptides from Gelatin Hydrolysate of Alaska Pollack Skin. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 1984-1989.	2.4	413
13	Purification and characterization of an antioxidant peptide obtained from tuna backbone protein by enzymatic hydrolysis. <i>Process Biochemistry</i> , 2007, 42, 840-846.	1.8	409
14	Antioxidant activity of a peptide isolated from Alaska pollack ( <i>Theragra chalcogramma</i> ) frame protein hydrolysate. <i>Food Research International</i> , 2005, 38, 45-50.	2.9	405
15	Purification and in vitro antioxidative effects of giant squid muscle peptides on free radical-mediated oxidative systems. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 562-569.	1.9	403
16	Purification and characterization of antioxidant peptide from hoki ( <i>Johnius belengerii</i> ) frame protein by gastrointestinal digestion. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 31-38.	1.9	401
17	Phlorotannins as bioactive agents from brown algae. <i>Process Biochemistry</i> , 2011, 46, 2219-2224.	1.8	357
18	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

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19	Green synthesis of titanium dioxide nanoparticles using <i>Psidium guajava</i> extract and its antibacterial and antioxidant properties. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, 968-976.	0.4	352
20	Purification and characterization of angiotensin I converting enzyme (ACE) inhibitory peptides from Alaska pollack ( <i>Theragra chalcogramma</i> ) skin. <i>Process Biochemistry</i> , 2001, 36, 1155-1162.	1.8	328
21	Chemical components and its antioxidant properties in vitro: An edible marine brown alga, <i>Ecklonia cava</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1963-1973.	1.4	325
22	Pharmaceutically active secondary metabolites of marine actinobacteria. <i>Microbiological Research</i> , 2014, 169, 262-278.	2.5	321
23	Immense Essence of Excellence: Marine Microbial Bioactive Compounds. <i>Marine Drugs</i> , 2010, 8, 2673-2701.	2.2	318
24	A novel angiotensin I converting enzyme inhibitory peptide from tuna frame protein hydrolysate and its antihypertensive effect in spontaneously hypertensive rats. <i>Food Chemistry</i> , 2010, 118, 96-102.	4.2	308
25	Free radical scavenging activities of differently deacetylated chitosans using an ESR spectrometer. <i>Carbohydrate Polymers</i> , 2004, 55, 17-22.	5.1	301
26	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.	0.8	292
27	Angiotensin-I-Converting Enzyme (ACE) Inhibitors from Marine Resources: Prospects in the Pharmaceutical Industry. <i>Marine Drugs</i> , 2010, 8, 1080-1093.	2.2	291
28	Nano-Hydroxyapatite Composite Biomaterials for Bone Tissue Engineering—A Review. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 3124-3140.	0.5	289
29	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
30	Production of chitooligosaccharides using an ultrafiltration membrane reactor and their antibacterial activity. <i>Carbohydrate Polymers</i> , 2000, 41, 133-141.	5.1	273
31	Chitosan Derivatives Killed Bacteria by Disrupting the Outer and Inner Membrane. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 6629-6633.	2.4	268
32	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
33	Brown seaweed fucoidan: Biological activity and apoptosis, growth signaling mechanism in cancer. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 366-374.	3.6	253
34	Purification and characterization of antioxidative peptide derived from muscle of conger eel (Conger) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	245
35	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
36	Improvement of functional properties of cod frame protein hydrolysates using ultrafiltration membranes. <i>Process Biochemistry</i> , 1999, 35, 471-478.	1.8	242

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37	Biological activities and potential health benefits of bioactive peptides derived from marine organisms. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 378-383.	3.6	239
38	The Suppressive Activity of Fucofuroeckol-A Derived from Brown Algal <i>Ecklonia stolonifera</i> Okamura on UVB-Induced Mast Cell Degranulation. <i>Marine Drugs</i> , 2018, 16, 1.	2.2	239
39	Preparation and characterization of carbon nanotube-grafted-chitosan "Natural hydroxyapatite composite for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2011, 83, 569-577.	5.1	235
40	Chitooligosaccharide and Its Derivatives: Preparation and Biological Applications. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	235
41	Beneficial Effects of Marine Algal Compounds in Cosmeceuticals. <i>Marine Drugs</i> , 2013, 11, 146-164.	2.2	232
42	Angiotensin I Converting Enzyme Inhibitory Peptides Purified from Bovine Skin Gelatin Hydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2992-2997.	2.4	231
43	Antioxidant Effects of Chitin, Chitosan, and Their Derivatives. <i>Advances in Food and Nutrition Research</i> , 2014, 73, 15-31.	1.5	228
44	An overview of chitin or chitosan/nano ceramic composite scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1338-1353.	3.6	225
45	Marine food-derived functional ingredients as potential antioxidants in the food industry: An overview. <i>Food Research International</i> , 2011, 44, 523-529.	2.9	224
46	Sulfated polysaccharides as bioactive agents from marine algae. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 70-75.	3.6	222
47	Potential pharmacological applications of polyphenolic derivatives from marine brown algae. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 325-335.	2.0	213
48	Chitosan-Alginate Biocomposite Containing Fucoidan for Bone Tissue Engineering. <i>Marine Drugs</i> , 2014, 12, 300-316.	2.2	213
49	Prospective of the cosmeceuticals derived from marine organisms. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 511-523.	1.4	203
50	Induction of apoptosis by phloroglucinol derivative from <i>Ecklonia Cava</i> in MCF-7 human breast cancer cells. <i>Food and Chemical Toxicology</i> , 2009, 47, 1653-1658.	1.8	201
51	Phlorotannins from <i>Ecklonia cava</i> (Phaeophyceae): Biological activities and potential health benefits. <i>BioFactors</i> , 2010, 36, 408-414.	2.6	201
52	PREPARATION OF CHITIN AND CHITOSAN OLIGOMERS AND THEIR APPLICATIONS IN PHYSIOLOGICAL FUNCTIONAL FOODS. <i>Food Reviews International</i> , 2000, 16, 159-176.	4.3	197
53	Anti-HIV-1 activity of phloroglucinol derivative, 6,6'-bieckol, from <i>Ecklonia cava</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7921-7926.	1.4	197
54	Biological effects of chitosan and its derivatives. <i>Food Hydrocolloids</i> , 2015, 51, 200-216.	5.6	197

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55	Free radical scavenging properties of hetero-chitooligosaccharides using an ESR spectroscopy. Food and Chemical Toxicology, 2004, 42, 381-387.	1.8	196
56	Preparation and characterization of nano chitosan for treatment wastewaters. International Journal of Biological Macromolecules, 2013, 57, 204-212.	3.6	195
57	Phlorotannins in Ecklonia cava extract inhibit matrix metalloproteinase activity. Life Sciences, 2006, 79, 1436-1443.	2.0	192
58	Biological approach to synthesize TiO <sub>2</sub> nanoparticles using Aeromonas hydrophila and its antibacterial activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 107, 82-89.	2.0	190
59	Anticoagulant activity of marine green and brown algae collected from Jeju Island in Korea. Bioresource Technology, 2007, 98, 1711-1716.	4.8	187
60	Isolation and characterization of collagen from brown backed toadfish (Lagocephalus gloveri) skin. Bioresource Technology, 2006, 97, 191-197.	4.8	184
61	Neuroprotective Effects of Marine Algae. Marine Drugs, 2011, 9, 803-818.	2.2	184
62	Preparation, characterization, and antioxidant properties of gallic acid-grafted-chitosans. Carbohydrate Polymers, 2011, 83, 1617-1622.	5.1	184
63	Fucoidans as a natural bioactive ingredient for functional foods. Journal of Functional Foods, 2013, 5, 16-27.	1.6	181
64	Biological Importance and Applications of Squalene and Squalane. Advances in Food and Nutrition Research, 2012, 65, 223-233.	1.5	179
65	Antimicrobial effect of phlorotannins from marine brown algae. Food and Chemical Toxicology, 2012, 50, 3251-3255.	1.8	178
66	Research and Application of Marine Microbial Enzymes: Status and Prospects. Marine Drugs, 2010, 8, 1920-1934.	2.2	175
67	Marine Fish Proteins and Peptides for Cosmeceuticals: A Review. Marine Drugs, 2017, 15, 143.	2.2	175
68	A Novel Angiotensin I Converting Enzyme Inhibitory Peptide from Alaska Pollack (Theragra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td 7842-7845.	2.4	170
69	Free Radical Scavenging Activity of Chitooligosaccharides by Electron Spin Resonance Spectrometry. Journal of Agricultural and Food Chemistry, 2003, 51, 4624-4627.	2.4	166
70	Antihypertensive Effect of Angiotensin I Converting Enzyme-Inhibitory Peptide from Hydrolysates of Bigeye Tuna Dark Muscle, <i>Thunnus obesus</i> . Journal of Agricultural and Food Chemistry, 2007, 55, 8398-8403.	2.4	166
71	An active peptide purified from gastrointestinal enzyme hydrolysate of Pacific cod skin gelatin attenuates angiotensin-1 converting enzyme (ACE) activity and cellular oxidative stress. Food Chemistry, 2012, 132, 1872-1882.	4.2	165
72	Biosynthesis, Antimicrobial and Cytotoxic Effect of Silver Nanoparticles Using a Novel <i>Nocardia</i> sp. MBRC-1. BioMed Research International, 2013, 2013, 1-9.	0.9	162

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73	Anti-photoaging and Photoprotective Compounds Derived from Marine Organisms. <i>Marine Drugs</i> , 2010, 8, 1189-1202.	2.2	161
74	Potential Anti-HIV Agents from Marine Resources: An Overview. <i>Marine Drugs</i> , 2010, 8, 2871-2892.	2.2	155
75	In vitro antioxidant activity of a peptide isolated from Nile tilapia ( <i>Oreochromis niloticus</i> ) scale gelatin in free radical-mediated oxidative systems. <i>Journal of Functional Foods</i> , 2010, 2, 107-117.	1.6	154
76	Antioxidant peptides isolated from the marine rotifer, <i>Brachionus rotundiformis</i> . <i>Process Biochemistry</i> , 2009, 44, 842-846.	1.8	153
77	Preparation and characterization of chitosan-carbon nanotube scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 393-402.	3.6	153
78	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
79	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
80	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
81	Strong electronic charge as an important factor for anticancer activity of chitooligosaccharides (COS). <i>Life Sciences</i> , 2006, 78, 2399-2408.	2.0	149
82	Inhibitory Effect of Phlorotannins Isolated from <i>Ecklonia cava</i> on Mushroom Tyrosinase Activity and Melanin Formation in Mouse B16F10 Melanoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4124-4129.	2.4	149
83	Antimicrobial and anticancer activities of porous chitosan-alginate biosynthesized silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 515-525.	3.6	147
84	Chitin oligosaccharides inhibit oxidative stress in live cells. <i>Carbohydrate Polymers</i> , 2008, 74, 228-234.	5.1	144
85	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
86	Glucosidase and Amylase inhibitory activities of phloroglucinal derivatives from edible marine brown alga, <i>Ecklonia cava</i> . <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1552-1558.	1.7	139
87	Antioxidant Effects of Phlorotannins Isolated from <i>Ishige okamurae</i> in Free Radical Mediated Oxidative Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7001-7009.	2.4	138
88	Antimicrobial, Antioxidant, and Anticancer Activities of Biosynthesized Silver Nanoparticles Using Marine Algae <i>Ecklonia cava</i> . <i>Nanomaterials</i> , 2016, 6, 235.	1.9	138
89	Nutritional and Digestive Health Benefits of Seaweed. <i>Advances in Food and Nutrition Research</i> , 2011, 64, 17-28.	1.5	137
90	Seaweed Polysaccharide-Based Nanoparticles: Preparation and Applications for Drug Delivery. <i>Polymers</i> , 2016, 8, 30.	2.0	135

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91	Chitosan-amylopectin/hydroxyapatite and chitosan-chondroitin sulphate/hydroxyapatite composite scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 1033-1042.	3.6	134
92	Inhibitory effects of polyphenols isolated from marine alga <i>Ecklonia cava</i> on histamine release. <i>Process Biochemistry</i> , 2009, 44, 168-176.	1.8	131
93	Neuroprotective Properties of Chitosan and Its Derivatives. <i>Marine Drugs</i> , 2010, 8, 2117-2128.	2.2	131
94	Purification of novel anti-inflammatory peptides from enzymatic hydrolysate of the edible microalgal <i>Spirulina maxima</i> . <i>Journal of Functional Foods</i> , 2013, 5, 1336-1346.	1.6	131
95	Marine actinobacteria: An important source of bioactive natural products. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 172-188.	2.0	129
96	Production of chitin oligosaccharides with different molecular weights and their antioxidant effect in RAW 264.7 cells. <i>Journal of Functional Foods</i> , 2009, 1, 188-198.	1.6	128
97	Seaweed polysaccharides and their potential biomedical applications. <i>Starch/Staerke</i> , 2015, 67, 381-390.	1.1	128
98	Marine Antitumor Drugs: Status, Shortfalls and Strategies. <i>Marine Drugs</i> , 2010, 8, 2702-2720.	2.2	126
99	Anti-HIV-1 activity of low molecular weight sulfated chitoooligosaccharides. <i>Carbohydrate Research</i> , 2010, 345, 656-662.	1.1	123
100	Biophysicochemical evaluation of chitosan-hydroxyapatite-marine sponge collagen composite for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 486-495.	2.1	120
101	Inhibition of inducible nitric oxide synthase and cyclooxygenase-2 in lipopolysaccharide-stimulated RAW264.7 cells by carboxybutyrylated glucosamine takes place via down-regulation of mitogen-activated protein kinase-mediated nuclear factor- $\kappa$ B signaling. <i>Immunology</i> , 2008, 123, 348-357.	2.0	119
102	Anti-allergic Effects of Phlorotannins on Histamine Release via Binding Inhibition between IgE and Fc $\mu$ RI. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 12073-12080.	2.4	116
103	Marine algae as a potential pharmaceutical source for anti-allergic therapeutics. <i>Process Biochemistry</i> , 2012, 47, 386-394.	1.8	116
104	An in vitro cellular analysis of the radical scavenging efficacy of chitoooligosaccharides. <i>Life Sciences</i> , 2007, 80, 2118-2127.	2.0	115
105	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
106	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
107	Effect of Temperature on Isolation and Characterization of Hydroxyapatite from Tuna ( <i>Thunnus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.3 107	1.3	107
108	Active peptides from skate ( <i>Okamejei kenojei</i> ) skin gelatin diminish angiotensin-I converting enzyme activity and intracellular free radical-mediated oxidation. <i>Food Chemistry</i> , 2014, 143, 246-255.	4.2	107

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109	Preparation and characterization of chitosan-natural nano hydroxyapatite-fucoidan nanocomposites for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1479-1487.	3.6	107
110	Reactive oxygen species scavenging activity of aminoderivatized chitosan with different degree of deacetylation. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5989-5994.	1.4	106
111	Differentiation of human osteosarcoma cells by isolated phlorotannins is subtly linked to COX-2, iNOS, MMPs, and MAPK signaling: Implication for chronic articular disease. <i>Chemico-Biological Interactions</i> , 2009, 179, 192-201.	1.7	106
112	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
113	<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- $\kappa$ B pathways. <i>Food and Chemical Toxicology</i> , 2009, 47, 410-417.	1.8	104
114	Free radical scavenging and angiotensin-I converting enzyme inhibitory peptides from Pacific cod ( <i>Gadus macrocephalus</i> ) skin gelatin. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 1110-1116.	3.6	102
115	Flavonoid glycosides isolated from <i>Salicornia herbacea</i> inhibit matrix metalloproteinase in HT1080 cells. <i>Toxicology in Vitro</i> , 2008, 22, 1742-1748.	1.1	101
116	Marine algae-mediated synthesis of gold nanoparticles using a novel <i>Ecklonia cava</i> . <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1591-1597.	1.7	100
117	Effect of phloroglucinol on oxidative stress and inflammation. <i>Food and Chemical Toxicology</i> , 2010, 48, 2925-2933.	1.8	99
118	Paeonol from <i>Hippocampus kuda</i> Bleeler suppressed the neuro-inflammatory responses in vitro via NF- $\kappa$ B and MAPK signaling pathways. <i>Toxicology in Vitro</i> , 2012, 26, 878-887.	1.1	98
119	Antimicrobial Activity of Chitosan-Carbon Nanotube Hydrogels. <i>Materials</i> , 2014, 7, 3946-3955.	1.3	97
120	Structure and Activity of Angiotensin I Converting Enzyme Inhibitory Peptides Derived from Alaskan Pollack Skin. <i>BMB Reports</i> , 2002, 35, 239-243.	1.1	97
121	Reactive Oxygen Scavenging Effect of Enzymatic Extracts from <i>Sargassum thunbergii</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6666-6672.	2.4	96
122	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
123	Golmaenone, a New Diketopiperazine Alkaloid from the Marine-Derived Fungus <i>Aspergillus</i> sp.. <i>Chemical and Pharmaceutical Bulletin</i> , 2004, 52, 375-376.	0.6	95
124	Anti-photoaging activity and inhibition of matrix metalloproteinase (MMP) by marine red alga, <i>Corallina pilulifera</i> methanol extract. <i>Radiation Physics and Chemistry</i> , 2009, 78, 98-105.	1.4	95
125	Angiotensin I Converting Enzyme (ACE) Inhibitory Activity of Hetero-Chitooligosaccharides Prepared from Partially Different Deacetylated Chitosans. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4930-4934.	2.4	94
126	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



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127	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
128	Isolation and Characterization of Nano-Hydroxyapatite from Salmon Fish Bone. <i>Materials</i> , 2015, 8, 5426-5439.	1.3	92
129	Fish-bone peptide increases calcium solubility and bioavailability in ovariectomised rats. <i>British Journal of Nutrition</i> , 2006, 95, 124-128.	1.2	91
130	Marine microorganisms: An emerging avenue in modern nutraceuticals and functional foods. <i>Food Research International</i> , 2014, 56, 115-125.	2.9	91
131	Purification and identification of antihypertensive peptides from seaweed pipefish ( <i>Syngnathus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	90
132	Beneficial effects of fucoidan on osteoblastic MG-63 cell differentiation. <i>Food Chemistry</i> , 2009, 116, 990-994.	4.2	89
133	In vivo study of chitosan-natural nano hydroxyapatite scaffolds for bone tissue regeneration. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 360-366.	3.6	89
134	Continuous production of chitooligosaccharides using a dual reactor system. <i>Process Biochemistry</i> , 2000, 35, 623-632.	1.8	88
135	Evaluation of semi-interpenetrating polymer networks composed of chitosan and poloxamer for wound dressing application. <i>International Journal of Pharmaceutics</i> , 2007, 341, 35-43.	2.6	88
136	Purification and Antioxidant Properties of Bigeye Tuna ( <i>Thunnus obesus</i> ) Dark Muscle Peptide on Free Radical-Mediated Oxidative Systems. <i>Journal of Medicinal Food</i> , 2008, 11, 629-637.	0.8	88
137	Photoprotective Substances Derived from Marine Algae. <i>Marine Drugs</i> , 2018, 16, 399.	2.2	84
138	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
139	Angiotensin- I- converting enzyme (ACE) inhibitory peptides from Pacific cod skin gelatin using ultrafiltration membranes. <i>Process Biochemistry</i> , 2016, 51, 1622-1628.	1.8	83
140	Water-soluble chitosan derivatives as a BACE1 inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6551-6555.	1.4	81
141	A New Antibacterial Dioxopiperazine Alkaloid Related to Gliotoxin from a Marine Isolate of the Fungus <i>Pseudallescheria</i> . <i>Journal of Antibiotics</i> , 2006, 59, 248-250.	1.0	81
142	Marine cosmeceuticals. <i>Journal of Cosmetic Dermatology</i> , 2014, 13, 56-67.	0.8	81
143	Glucosidase and 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
144	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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145	Antioxidant activity of enzymatic extracts from a brown seaweed <i>Ecklonia cava</i> by electron spin resonance spectrometry and comet assay. <i>European Food Research and Technology</i> , 2005, 221, 41-47.	1.6	79
146	Purification and characterization of angiotensin I converting enzyme inhibitory peptides from the rotifer, <i>Brachionus rotundiformis</i> . <i>Bioresource Technology</i> , 2009, 100, 5255-5259.	4.8	79
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