

Jae-Young Je

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.

134
papers

6,814
citations

42
h-index

79
g-index

135
ext. papers

7,592
ext. citations

5
avg, IF

6.13
L-index

#	Paper	IF	Citations
134	Heme oxygenase-1 induction by gallic acid-g-chitosan is an important event in modulating adipocyte differentiation.. <i>Journal of Food Biochemistry</i> , 2022 , e14179	3.3	0
133	Cytoprotective Role of Edible Seahorse ()-Derived Peptides in HO-Induced Oxidative Stress in Human Umbilical Vein Endothelial Cells. <i>Marine Drugs</i> , 2021 , 19,	6	5
132	Insertion of gallic acid onto chitosan promotes the differentiation of osteoblasts from murine bone marrow-derived mesenchymal stem cells. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 1410-1418	7.9	5
131	Anti-adipogenic peptides from ark shell protein hydrolysate: Purification, identification and anti-adipogenic effect. <i>Process Biochemistry</i> , 2021 , 109, 143-147	4.8	1
130	Isolation of an antioxidant peptide from krill protein hydrolysates as a novel agent with potential hepatoprotective effects. <i>Journal of Functional Foods</i> , 2020 , 67, 103889	5.1	7
129	Blue Mussel-Derived Peptides PIISVYWK and FSVVSPK Trigger Wnt/ β Catenin Signaling-Mediated Osteogenesis in Human Bone Marrow Mesenchymal Stem Cells. <i>Marine Drugs</i> , 2020 , 18,	6	7
128	Low molecular weight blue mussel hydrolysates inhibit adipogenesis in mouse mesenchymal stem cells through upregulating HO-1/Nrf2 pathway. <i>Food Research International</i> , 2020 , 136, 109603	7	4
127	Anti-Osteoporotic Effects of Antioxidant Peptides PIISVYWK and FSVVSPK from on Ovariectomized Mice. <i>Antioxidants</i> , 2020 , 9,	7.1	4
126	Characterization of the complete mitochondrial genome of brown barracuda, (Perciformes: Sphyraenidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020 , 5, 3042-3043	0.5	1
125	Ark shell protein-derived bioactive peptides promote osteoblastic differentiation through upregulation of the canonical Wnt/ β catenin signaling in human bone marrow-derived mesenchymal stem cells. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13440	3.3	5
124	Synergistic combination of chemo-phototherapy based on temozolomide/ICG-loaded iron oxide nanoparticles for brain cancer treatment. <i>Oncology Reports</i> , 2019 , 42, 1709-1724	3.5	9
123	Inulin/PVA biomaterials using thiamine as an alternative plasticizer. <i>Carbohydrate Polymers</i> , 2019 , 220, 86-94	10.3	7
122	Lotus (<i>Nelumbo nucifera</i>) seed protein isolate exerts anti-inflammatory and antioxidant effects in LPS-stimulated RAW264.7 macrophages via inhibiting NF- κ B and MAPK pathways, and upregulating catalase activity. <i>International Journal of Biological Macromolecules</i> , 2019 , 134, 791-797	7.9	19
121	Amino Acid Composition, Antioxidant, and Cytoprotective Effect of Blue Mussel () Hydrolysate through the Inhibition of Caspase-3 Activation in Oxidative Stress-Mediated Endothelial Cell Injury. <i>Marine Drugs</i> , 2019 , 17,	6	20
120	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	3.7	5
119	Two novel peptides from ark shell protein stimulate osteoblast differentiation and rescue ovariectomy-induced bone loss. <i>Toxicology and Applied Pharmacology</i> , 2019 , 385, 114779	4.6	7
118	Sea Squirt (<i>Halocynthia roretzi</i>) Hydrolysates Induce Apoptosis in Human Colon Cancer HT-29 Cells through Activation of Reactive Oxygen Species. <i>Nutrition and Cancer</i> , 2019 , 71, 118-127	2.8	5

117	Characterization of the complete mitochondrial genome of collected from Nakdong River, South Korea. <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 3908-3909	0.5	
116	Bone health-promoting bioactive peptides. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12529	3.3	18
115	Blue mussel (<i>Mytilus edulis</i>) protein hydrolysate promotes mouse mesenchymal stem cell differentiation into osteoblasts through up-regulation of bone morphogenetic protein. <i>Food Chemistry</i> , 2018 , 242, 156-161	8.5	27
114	Purification and antioxidant activities of peptides from sea squirt (<i>Halocynthia roretzi</i>) protein hydrolysates using pepsin hydrolysis. <i>Food Bioscience</i> , 2018 , 25, 128-133	4.9	31
113	Purification and characterization of antioxidant peptides from enzymatically hydrolyzed ark shell (<i>Scapharca subcrenata</i>). <i>Process Biochemistry</i> , 2018 , 72, 170-176	4.8	23
112	Protective effect of enzymatic hydrolysates from seahorse (<i>Hippocampus abdominalis</i>) against HO-mediated human umbilical vein endothelial cell injury. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 103-110	7.5	17
111	Ark shell protein hydrolysates inhibit adipogenesis in mouse mesenchymal stem cells through the down-regulation of transcriptional factors. <i>RSC Advances</i> , 2017 , 7, 6223-6228	3.7	8
110	Hepatoprotective effect of chitosan-caffeic acid conjugate against ethanol-treated mice. <i>Experimental and Toxicologic Pathology</i> , 2017 , 69, 618-624		5
109	Preparation and antibacterial activities of chitosan-gallic acid/polyvinyl alcohol blend film by LED-UV irradiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 176, 145-149	6.7	20
108	pH and NIR-light-responsive magnetic iron oxide nanoparticles for mitochondria-mediated apoptotic cell death induced by chemo-photothermal therapy. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 1-13	6.5	34
107	Induction of Nrf2-mediated phase II detoxifying/antioxidant enzymes in vitro by chitosan-caffeic acid against hydrogen peroxide-induced hepatotoxicity through JNK/ERK pathway. <i>Molecular and Cellular Biochemistry</i> , 2017 , 424, 79-86	4.2	20
106	Antihypertensive effects of IleProIlePys from krill (<i>Euphausia superba</i>) protein hydrolysates: purification, identification and in vivo evaluation in spontaneously hypertensive rats. <i>European Food Research and Technology</i> , 2017 , 243, 719-725	3.4	5
105	Antioxidant and Cytoprotective Activities of Enzymatic Extracts from Rhizoid of. <i>Preventive Nutrition and Food Science</i> , 2017 , 22, 312-319	2.4	2
104	Protein Hydrolysates and Ultrafiltration Fractions Obtained from Krill (<i>Euphausia superba</i>): Nutritional, Functional, Antioxidant, and ACE-Inhibitory Characterization. <i>Journal of Aquatic Food Product Technology</i> , 2016 , 25, 1266-1277	1.6	19
103	Involvement of Nrf2-mediated heme oxygenase-1 expression in anti-inflammatory action of chitosan oligosaccharides through MAPK activation in murine macrophages. <i>European Journal of Pharmacology</i> , 2016 , 793, 43-48	5.3	45
102	Hepatoprotective Effects of Chitosan-Phloroglucinol Conjugate in Cultured Hepatocyte. <i>Journal of Food Biochemistry</i> , 2016 , 40, 766-771	3.3	
101	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
100	Osteoblastogenic activity of ark shell protein hydrolysates with low molecular weight in mouse mesenchymal stem cells. <i>RSC Advances</i> , 2016 , 6, 29365-29370	3.7	12

99	Anti-inflammatory action of high molecular weight <i>Mytilus edulis</i> hydrolysates fraction in LPS-induced RAW264.7 macrophage via NF- κ B and MAPK pathways. <i>Food Chemistry</i> , 2016 , 202, 9-14	8.5	115
98	Partial purification and identification of three antioxidant peptides with hepatoprotective effects from blue mussel (<i>Mytilus edulis</i>) hydrolysate by peptic hydrolysis. <i>Journal of Functional Foods</i> , 2016 , 20, 88-95	5.1	59
97	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	5.1	54
96	Phenolic Composition and Hepatoprotective Activities of <i>Allium Hookeri</i> Against Hydrogen-Peroxide-Induced Oxidative Stress in Cultured Hepatocytes. <i>Journal of Food Biochemistry</i> , 2016 , 40, 284-293	3.3	13
95	Antimicrobial Activity of Gallic Acid-Grafted-Chitosan Against Fish Pathogens. <i>Journal of Carbohydrate Chemistry</i> , 2015 , 34, 163-171	1.7	11
94	Amino acid composition and in vitro antioxidant and cytoprotective activity of abalone viscera hydrolysate. <i>Journal of Functional Foods</i> , 2015 , 16, 94-103	5.1	44
93	<i>Nelumbo nucifera</i> leaves protect hydrogen peroxide-induced hepatic damage via antioxidant enzymes and HO-1/Nrf2 activation. <i>Food and Function</i> , 2015 , 6, 1911-8	6.1	43
92	Purification and anti-inflammatory action of tripeptide from salmon pectoral fin byproduct protein hydrolysate. <i>Food Chemistry</i> , 2015 , 168, 151-6	8.5	145
91	Dipeptide Phe-Cys derived from in silico thermolysin-hydrolysed RuBisCO large subunit suppresses oxidative stress in cultured human hepatocytes. <i>Food Chemistry</i> , 2015 , 171, 287-91	8.5	25
90	Antioxidant and Cytoprotective Effects of Lotus (<i>Nelumbo nucifera</i>) Leaves Phenolic Fraction. <i>Preventive Nutrition and Food Science</i> , 2015 , 20, 22-8	2.4	23
89	Biological effects of chitosan and its derivatives. <i>Food Hydrocolloids</i> , 2015 , 51, 200-216	10.6	150
88	Abalone Protein Hydrolysates: Preparation, Angiotensin I Converting Enzyme Inhibition and Cellular Antioxidant Activity. <i>Preventive Nutrition and Food Science</i> , 2015 , 20, 176-82	2.4	3
87	Purification and antioxidant properties of octapeptide from salmon byproduct protein hydrolysate by gastrointestinal digestion. <i>Food Chemistry</i> , 2014 , 147, 78-83	8.5	125
86	Antibacterial and synergic effects of gallic acid-grafted-chitosan with β -lactams against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Canadian Journal of Microbiology</i> , 2014 , 60, 629-38	3.2	34
85	Fermented sea tangle attenuates oxidative stress in individuals with a high level of α -glutamyltransferase: A randomized, double-blind, and placebo-controlled clinical study. <i>Food Science and Biotechnology</i> , 2014 , 23, 937-941	3	1
84	Chitosan-hydroxycinnamic acid conjugates: preparation, antioxidant and antimicrobial activity. <i>Food Chemistry</i> , 2014 , 148, 97-104	8.5	111
83	Chitoooligosaccharide and its derivatives: preparation and biological applications. <i>BioMed Research International</i> , 2014 , 2014, 654913	3	161
82	The mechanism of antibacterial activity of phlorofucofuroeckol-A against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 9795-804	5.7	42

81	Antioxidant and Anti-Inflammatory Activities of Protein Hydrolysates from <i>Mytilus Edulis</i> and Ultrafiltration Membrane Fractions. <i>Journal of Food Biochemistry</i> , 2014 , 38, 460-468	3.3	36
80	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> , 2014 , 29, 343-353	2.4	6
79	Preparation and antioxidant potential of maillard reaction products from (MRPs) chitooligomer. <i>Food Chemistry</i> , 2014 , 145, 173-8	8.5	28
78	Fucoanthin 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	2.4	10
77	FERMENTED SEA TANGLE (LAMINARIA JAPONICA) ATTENUATES ETHANOL-INDUCED OXIDATIVE STRESS IN SPRAGUE-DAWLEY RATS. <i>Journal of Food Biochemistry</i> , 2013 , 37, 80-87	3.3	2
76	Protective effect of cordycepin-enriched <i>Cordyceps militaris</i> on alcoholic hepatotoxicity in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2013 , 60, 52-7	4.7	33
75	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
74	Almond protein hydrolysate fraction modulates the expression of proinflammatory cytokines and enzymes in activated macrophages. <i>Food and Function</i> , 2013 , 4, 777-83	6.1	23
73	Hepatoprotective effect of peptic hydrolysate from salmon pectoral fin protein byproducts on ethanol-induced oxidative stress in Sprague-Dawley rats. <i>Food Research International</i> , 2013 , 51, 648-653	7	14
72	Anti-methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) substance from the marine bacterium <i>Pseudomonas</i> sp. UJ-6. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 35, 171-7	5.8	22
71	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
70	Gallic acid-grafted-chitosan inhibits foodborne pathogens by a membrane damage mechanism. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 6574-9	5.7	94
69	Protective effects of <i>Cornus walteri</i> W. extracts on t-BHP-induced cell damage through antioxidant activity. <i>Biotechnology and Bioprocess Engineering</i> , 2013 , 18, 819-826	3.1	3
68	Antioxidant and tyrosinase inhibitory activities of a novel chitosan-phloroglucinol conjugate. <i>International Journal of Food Science and Technology</i> , 2013 , 48, 1172-1178	3.8	12
67	Antioxidant and Antibacterial Activities of Chitosan-Phloroglucinol Conjugate. <i>Fisheries and Aquatic Sciences</i> , 2013 , 16, 229-235	2.9	11
66	Antibacterial Activity of an Ethyl Acetate Extract of <i>Pseudomonas</i> sp. UJ-6 against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Fisheries and Aquatic Sciences</i> , 2013 , 16, 79-84	2.9	0
65	IN VITRO ANTIOXIDANT ACTIVITIES OF THE FERMENTED MARINE MICROALGA PAVLOVA LUTHERI (HAPTOPHYTA) WITH THE YEAST HANSENULA POLYMORPHA(1). <i>Journal of Phycology</i> , 2012 , 48, 475-82 ³		10
64	Chitosan as potential marine nutraceutical. <i>Advances in Food and Nutrition Research</i> , 2012 , 65, 121-35	6	30

63	Antioxidant and anti-inflammatory peptide fraction from salmon byproduct protein hydrolysates by peptic hydrolysis. <i>Food Research International</i> , 2012 , 49, 92-98	7	104
62	Phenolic composition and antioxidant effect of aqueous extract of <i>Arisaema cum Bile</i> , the Oriental Herb Medicine, in human fibroblast cells. <i>Immunopharmacology and Immunotoxicology</i> , 2012 , 34, 661-6	3.2	10
61	Antioxidant effects of fermented sea tangle (<i>Laminaria japonica</i>) by <i>Lactobacillus brevis</i> BJ20 in individuals with high level of EGT: A randomized, double-blind, and placebo-controlled clinical study. <i>Food and Chemical Toxicology</i> , 2012 , 50, 1166-9	4.7	48
60	Purification and characterization of a novel angiotensin I-converting enzyme inhibitory peptide derived from an enzymatic hydrolysate of duck skin byproducts. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 10035-40	5.7	18
59	Chitooligosaccharides induce apoptosis in human myeloid leukemia HL-60 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 6136-8	2.9	27
58	EVALUATION OF ANTIOXIDANT, ANTI-ALZHEIMERIS AND ANTI-INFLAMMATORY ACTIVITIES OF ENZYMATIC HYDROLYSATES FROM EDIBLE BROWN SEAWEED (<i>LAMINARIA JAPONICA</i>). <i>Journal of Food Biochemistry</i> , 2012 , 36, 207-216	3.3	11
57	Prevention of oxidative stress in Chang liver cells by gallic acid-grafted-chitosans. <i>Carbohydrate Polymers</i> , 2012 , 87, 876-880	10.3	22
56	Chitooligosaccharides as potential nutraceuticals: production and bioactivities. <i>Advances in Food and Nutrition Research</i> , 2012 , 65, 321-36	6	32
55	Chitooligosaccharides decreases plasma lipid levels in healthy men. <i>International Journal of Food Sciences and Nutrition</i> , 2012 , 63, 103-6	3.7	35
54	Preparation and biological evaluation of enzyme-assisted extracts from edible seaweed (<i>Enteromorpha prolifera</i>) as antioxidant, anti-acetylcholinesterase and inhibition of lipopolysaccharide-induced nitric oxide production in murine macrophages. <i>International Journal of Food Sciences and Nutrition</i> , 2012 , 63, 187-93	3.7	11
53	ANTIOXIDANT ACTIVITY OF TRADITIONAL KOREAN FERMENTED SOYBEAN (DAMDUSI) EXTRACT ON FREE RADICAL-MEDIATED OXIDATIVE SYSTEMS. <i>Journal of Food Biochemistry</i> , 2011 , 35, 1242-1256	3.3	6
52	Chitosan gallate as potential antioxidant biomaterial. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 3070-3	2.9	30
51	Hepatoprotective effect of chitooligosaccharides against tert-butylhydroperoxide-induced damage in Chang liver cells. <i>Carbohydrate Polymers</i> , 2011 , 83, 995-1000	10.3	26
50	Preparation, characterization, and antioxidant properties of gallic acid-grafted-chitosans. <i>Carbohydrate Polymers</i> , 2011 , 83, 1617-1622	10.3	142
49	Diethylaminoethyl chitosan induces apoptosis in HeLa cells via activation of caspase-3 and p53 expression. <i>Carbohydrate Polymers</i> , 2011 , 84, 571-578	10.3	33
48	Inhibition of acetylcholinesterase by gallic acid-grafted-chitosans. <i>Carbohydrate Polymers</i> , 2011 , 84, 690-693	10.3	23
47	Aminoethyl-chitosan inhibits LPS-induced inflammatory mediators, iNOS and COX-2 expression in RAW264.7 mouse macrophages. <i>Process Biochemistry</i> , 2011 , 46, 465-470	4.8	23
46	Enzymatic production of bioactive protein hydrolysates from tuna liver: effects of enzymes and molecular weight on bioactivity. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 562-568	3.8	47

45	Protective effect of fermented sea tangle against ethanol and carbon tetrachloride-induced hepatic damage in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1123-8	4.7	32
44	Enzymatic extracts from edible red algae, <i>Porphyra tenera</i> , and their antioxidant, anti-acetylcholinesterase, and anti-inflammatory activities. <i>Food Science and Biotechnology</i> , 2010 , 19, 1551-1557	3	23
43	Effect of far-infrared radiation drying of citrus press-cakes on free radical scavenging and antioxidant activities. <i>Journal of Food Engineering</i> , 2010 , 97, 168-176	6	32
42	Synergistic effects between aminoethyl-chitosans and beta-lactams against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 975-8	2.9	7
41	Antioxidant activity and γ -aminobutyric acid (GABA) content in sea tangle fermented by <i>Lactobacillus brevis</i> BJ20 isolated from traditional fermented foods. <i>Food Chemistry</i> , 2010 , 122, 271-276	8.5	124
40	Biological Compounds Extracted from <i>Codium fragile</i> by Enzymatic Hydrolysis and Their Biological Activities. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2010 , 39, 953-959	1.5	3
39	Protective effects against H ₂ O ₂ -induced damage by enzymatic hydrolysates of an edible brown seaweed, sea tangle (<i>Laminaria japonica</i>). <i>Journal of Medicinal Food</i> , 2009 , 12, 159-66	2.8	23
38	Factors affecting anti-inflammatory effect of chitoooligosaccharides in lipopolysaccharides-induced RAW264.7 macrophage cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 6655-8	2.9	63
37	Antioxidant and angiotensin I converting enzyme inhibitory activity of <i>Bambusae caulis</i> in Liguamen. <i>Food Chemistry</i> , 2009 , 113, 932-935	8.5	51
36	Antibacterial activity of aminoderivatized chitosans against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7108-12	3.4	22
35	Chitoooligosaccharides suppress the level of protein expression and acetylcholinesterase activity induced by Abeta25-35 in PC12 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 860-2	2.9	33
34	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
33	Antioxidant and antihypertensive protein hydrolysates produced from tuna liver by enzymatic hydrolysis. <i>Food Research International</i> , 2009 , 42, 1266-1272	7	159
32	Antioxidant activity of enzymatic extracts from <i>Stellaria dichotoma</i> . <i>Journal of Medicinal Food</i> , 2008 , 11, 723-32	2.8	3
31	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, 629-37	2.8	80
30	Renin inhibition activity by chitoooligosaccharides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 2471-4	2.9	16
29	Antioxidant peptide isolated from muscle protein of bullfrog, <i>Rana catesbeiana</i> Shaw. <i>Journal of Medicinal Food</i> , 2007 , 10, 401-7	2.8	26
28	Antihypertensive effect of angiotensin i converting enzyme-inhibitory peptide from hydrolysates of Bigeye tuna dark muscle, <i>Thunnus obesus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 8398-403	5.7	153

27	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, 31-8	6.3	368
26	Sulfated chitoooligosaccharides as prolyl endopeptidase inhibitor. <i>International Journal of Biological Macromolecules</i> , 2007 , 41, 529-33	7.9	22
25	Antioxidant activity of novel chitin derivative. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 1884-7	2.9	19
24	Cytotoxic activities of water-soluble chitosan derivatives with different degree of deacetylation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 2122-6	2.9	37
23	Antihypertensive activity of chitin derivatives. <i>Biopolymers</i> , 2006 , 83, 250-4	2.2	30
22	Chitosan derivatives killed bacteria by disrupting the outer and inner membrane. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 6629-33	5.7	228
21	Antimicrobial action of novel chitin derivative. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 104-9	4	58
20	Reactive oxygen species scavenging activity of aminoderivatized chitosan with different degree of deacetylation. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 5989-94	3.4	89
19	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
18	Characterization of (aminoethyl)chitin/DNA nanoparticle for gene delivery. <i>Biomacromolecules</i> , 2006 , 7, 3448-51	6.9	26
17	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	7	359
16	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
15	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
14	Water-soluble chitosan derivatives as a BACE1 inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 6551-5	3.4	73
13	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
12	Prolyl endopeptidase inhibitory activity of chitosan sulfates with different degree of deacetylation. <i>Carbohydrate Polymers</i> , 2005 , 60, 553-556	10.3	29
11	AMINO ACID CHANGES IN THE KOREAN TRADITIONAL FERMENTATION PROCESS FOR BLUE MUSSEL, <i>MYTILUS EDULIS</i> . <i>Journal of Food Biochemistry</i> , 2005 , 29, 108-116	3.3	13
10	Preparation and antioxidative activity of hoki frame protein hydrolysate using ultrafiltration membranes. <i>European Food Research and Technology</i> , 2005 , 221, 157-162	3.4	61

9	Radical scavenging activity of hetero-chitooligosaccharides. <i>European Food Research and Technology</i> , 2004 , 219, 60-65	3-4	37
8	Anticoagulant activity of heterochitosans and their oligosaccharide sulfates. <i>European Food Research and Technology</i> , 2004 , 219, 529-533	3-4	49
7	Free radical scavenging activities of differently deacetylated chitosans using an ESR spectrometer. <i>Carbohydrate Polymers</i> , 2004 , 55, 17-22	10-3	247
6	A novel angiotensin I converting enzyme inhibitory peptide from Alaska pollack (<i>Theragra chalcogramma</i>) frame protein hydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 7842-5	5-7	149
5	Free radical scavenging properties of hetero-chitooligosaccharides using an ESR spectroscopy. <i>Food and Chemical Toxicology</i> , 2004 , 42, 381-7	4-7	177
4	RECOVERY OF FISH BONE FROM HOKI (<i>JOHNIUS BELENGERI</i>) FRAME USING A PROTEOLYTIC ENZYME ISOLATED FROM MACKEREL INTESTINE. <i>Journal of Food Biochemistry</i> , 2003 , 27, 255-266	3-3	20
3	Free radical scavenging activity of chitooligosaccharides by electron spin resonance spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 4624-7	5-7	138
2	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, 4930-4	5-7	83
1	A novel anticoagulant protein from <i>Scapharca broughtonii</i> . <i>BMB Reports</i> , 2002 , 35, 199-205	5-5	34