

Yong Il Park

List of Publications by Year in descending order

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55
papers

2,194
citations

257357

24
h-index

223716

46
g-index

56
all docs

56
docs citations

56
times ranked

3242
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and antitumour activity of fucoïdan isolated from sporophyll of Korean brown seaweed <i>Undaria pinnatifida</i> . <i>Carbohydrate Polymers</i> , 2010, 81, 41-48.	5.1	376
2	Anti-inflammatory effects of low-molecular weight chitosan oligosaccharides in IgE-antigen complex-stimulated RBL-2H3 cells and asthma model mice. <i>International Immunopharmacology</i> , 2012, 12, 453-459.	1.7	144
3	Purification, characterization and immunomodulating activity of a pectic polysaccharide isolated from Korean mulberry fruit <i>Oddi (Morus alba L.)</i> . <i>International Immunopharmacology</i> , 2013, 17, 858-866.	1.7	117
4	Characterization of a renewable extracellular polysaccharide from defatted microalgae <i>Dunaliella tertiolecta</i> . <i>Bioresource Technology</i> , 2013, 129, 343-350.	4.8	108
5	Purification, characterization and immunostimulating activity of water-soluble polysaccharide isolated from <i>Capsosiphon fulvescens</i> . <i>International Immunopharmacology</i> , 2010, 10, 364-370.	1.7	107
6	Structural analysis and anti-obesity effect of a pectic polysaccharide isolated from Korean mulberry fruit <i>Oddi (Morus alba L.)</i> . <i>Carbohydrate Polymers</i> , 2016, 146, 187-196.	5.1	92
7	Enzymatic Synthesis of Novel Phloretin Glucosides. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3516-3521.	1.4	81
8	Neuroprotective effects of black soybean anthocyanins via inactivation of ASK1/JNK/p38 pathways and mobilization of cellular sialic acids. <i>Life Sciences</i> , 2012, 90, 874-882.	2.0	66
9	Anticoagulating activities of low-molecular weight fuco-oligosaccharides prepared by enzymatic digestion of fucoïdan from the sporophyll of Korean <i>Undaria pinnatifida</i> . <i>Archives of Pharmacal Research</i> , 2010, 33, 125-131.	2.7	58
10	Enzymatic Biosynthesis of Novel Resveratrol Glucoside and Glycoside Derivatives. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7235-7243.	1.4	58
11	Inhibitory effects of kaempferol-3-O-rhamnoside on ovalbumin-induced lung inflammation in a mouse model of allergic asthma. <i>International Immunopharmacology</i> , 2015, 25, 302-310.	1.7	55
12	Biotechnological Advances in Resveratrol Production and its Chemical Diversity. <i>Molecules</i> , 2019, 24, 2571.	1.7	53
13	Inhibitory effect of phloretin and biochanin A on IgE-mediated allergic responses in rat basophilic leukemia RBL-2H3 cells. <i>Life Sciences</i> , 2013, 93, 401-408.	2.0	52
14	Neuroprotective effects of corn silk maysin via inhibition of H ₂ O ₂ -induced apoptotic cell death in SK-N-MC cells. <i>Life Sciences</i> , 2014, 109, 57-64.	2.0	52
15	Neuroprotective effects of phytosterols and flavonoids from <i>Cirsium setidens</i> and <i>Aster scaber</i> in human brain neuroblastoma SK-N-SH cells. <i>Life Sciences</i> , 2016, 148, 173-182.	2.0	52
16	The immunostimulating activity of quercetin 3-O-xyloside in murine macrophages via activation of the ASK1/MAPK/NF- κ B signaling pathway. <i>International Immunopharmacology</i> , 2016, 31, 88-97.	1.7	50
17	Structural Features and Anti-coagulant Activity of the Sulphated Polysaccharide SPS-CF from a Green Alga <i>Capsosiphon fulvescens</i> . <i>Marine Biotechnology</i> , 2015, 17, 718-735.	1.1	49
18	Cell Wall Polysaccharides of Marine Algae. , 2015, , 543-590.		46

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19	Characterization and immunostimulating activity of a water-soluble polysaccharide isolated from <i>Haematococcus lacustris</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 1090-1098.	1.4	38
20	7,8-Dihydroxyflavone inhibits adipocyte differentiation via antioxidant activity and induces apoptosis in 3T3-L1 preadipocyte cells. <i>Life Sciences</i> , 2016, 144, 103-112.	2.0	34
21	3-O-Glucosylation of quercetin enhances inhibitory effects on the adipocyte differentiation and lipogenesis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 589-598.	2.5	34
22	Ginseng marc-derived low-molecular weight oligosaccharide inhibits the growth of skin melanoma cells via activation of RAW264.7 cells. <i>International Immunopharmacology</i> , 2015, 29, 344-353.	1.7	32
23	7,8-Dihydroxyflavone attenuates TNF- α -induced skin aging in Hs68 human dermal fibroblast cells via down-regulation of the MAPKs/Akt signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1580-1587.	2.5	31
24	Immunostimulating activity of maysin isolated from corn silk in murine RAW 264.7 macrophages. <i>BMB Reports</i> , 2014, 47, 382-387.	1.1	29
25	Corn silk maysin induces apoptotic cell death in PC-3 prostate cancer cells via mitochondria-dependent pathway. <i>Life Sciences</i> , 2014, 119, 47-55.	2.0	28
26	Corn silk maysin ameliorates obesity in vitro and in vivo via suppression of lipogenesis, differentiation, and function of adipocytes. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 267-275.	2.5	25
27	Glucuronorhamnoxyylan from <i>Capsosiphon fulvescens</i> inhibits the growth of HT-29 human colon cancer cells in vitro and in vivo via induction of apoptotic cell death. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1060-1068.	3.6	24
28	Neuroprotective effects of the <i>Phellinus linteus</i> ethyl acetate extract against H ₂ O ₂ -induced apoptotic cell death of SK-N-MC cells. <i>Nutrition Research</i> , 2016, 36, 31-43.	1.3	22
29	Structural characteristics and biological effects of exopolysaccharide produced by cyanobacterium <i>Nostoc</i> sp. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 364-371.	3.6	22
30	Macromolecules isolated from <i>Phellinus pini</i> fruiting body: Chemical characterization and antiviral activity. <i>Macromolecular Research</i> , 2010, 18, 602-609.	1.0	21
31	Purification and Characterization of a Fucoidanase (FNase S) from a Marine Bacterium <i>Sphingomonas paucimobilis</i> PF-1. <i>Marine Drugs</i> , 2015, 13, 4398-4417.	2.2	21
32	Biochemical properties of water soluble polysaccharides from photosynthetic marine microalgae <i>Tetraselmis</i> species. <i>Macromolecular Research</i> , 2017, 25, 172-179.	1.0	20
33	Micronized and Heat-Treated <i>Lactobacillus plantarum</i> LM1004 Stimulates Host Immune Responses Via the TLR-2/MAPK/NF- κ B Signalling Pathway In Vitro and In Vivo. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 704-712.	0.9	20
34	Quercetin 3-O-xyloside ameliorates acute pancreatitis in vitro via the reduction of ER stress and enhancement of apoptosis. <i>Phytomedicine</i> , 2019, 55, 40-49.	2.3	18
35	Low-molecular weight mannogalactofucans prevent herpes simplex virus type 1 infection via activation of Toll-like receptor 2. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 286-293.	3.6	16
36	Potential anti-osteoporotic activity of low-molecular weight hyaluronan by attenuation of osteoclast cell differentiation and function in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 438-443.	1.0	12

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37	Low Molecular Weight Mannogalactofucans Derived from <i>Undaria pinnatifida</i> Induce Apoptotic Death of Human Prostate Cancer Cells In Vitro and In Vivo. <i>Marine Biotechnology</i> , 2018, 20, 813-828.	1.1	12
38	Immunostimulating activity of polyhydric alcohol isolated from <i>Taxus cuspidata</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 85, 505-513.	3.6	11
39	Emodin 8-O-glucoside primes macrophages more strongly than emodin aglycone via activation of phagocytic activity and TLR-2/MAPK/NF- κ B signalling pathway. <i>International Immunopharmacology</i> , 2020, 88, 106936.	1.7	11
40	ANTIASTHMA EFFECTS THROUGH ANTI-INFLAMMATORY ACTION OF ACORN (<i>QUERCUS</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.2	10
41	Protective Effect of a Mixture of <i>Astragalus membranaceus</i> and <i>Lithospermum erythrorhizon</i> Extract against Hepatic Steatosis in High Fat Diet-Induced Nonalcoholic Fatty Liver Disease Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	0.5	10
42	In vitro single-vessel enzymatic synthesis of novel Resvera-A glucosides. <i>Carbohydrate Research</i> , 2016, 424, 8-14.	1.1	9
43	Microbial Synthesis of Non-Natural Anthraquinone Glucosides Displaying Superior Antiproliferative Properties. <i>Molecules</i> , 2018, 23, 2171.	1.7	8
44	Phenotypic niche partitioning and transcriptional responses of <i>Microcystis aeruginosa</i> in a spatially heterogeneous environment. <i>Algal Research</i> , 2019, 41, 101551.	2.4	8
45	Quinizarin suppresses the differentiation of adipocytes and lipogenesis in vitro and in vivo via downregulation of C/EBP-beta/SREBP pathway. <i>Life Sciences</i> , 2021, 287, 120131.	2.0	8
46	Neuroprotective effects of N-acetylglucosamine against hydrogen peroxide-induced apoptosis in human neuronal SK-N-SH cells by inhibiting the activation of caspase-3, PARP, and p38. <i>Food Science and Biotechnology</i> , 2013, 22, 853-858.	1.2	6
47	Immunostimulating activity of <i>Lycium chinense</i> Miller root extract through enhancing cytokine and chemokine production and phagocytic capacity of macrophages. <i>Journal of Food Biochemistry</i> , 2020, 44, e13215.	1.2	6
48	Enzyme Hydrolysates of Ginseng Marc Polysaccharides Promote the Phagocytic Activity of Macrophages Via Activation of TLR2 and Mer Tyrosine Kinase. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 860-873.	0.9	6
49	Immune-stimulating activity of water-soluble extracellular polysaccharide isolated from <i>Rhizobium massiliae</i> . <i>Process Biochemistry</i> , 2017, 63, 236-243.	1.8	5
50	Trilobatin ameliorates bone loss via suppression of osteoclast cell differentiation and bone resorptive function in vitro and in vivo. <i>Life Sciences</i> , 2021, 270, 119074.	2.0	5
51	Donor substrate flexibility study of AtUGT89C1, a glycosyltransferase from <i>Arabidopsis thaliana</i> . <i>Journal of Carbohydrate Chemistry</i> , 2016, 35, 367-377.	0.4	4
52	Aloe emodin 3-O-glucoside inhibits cell growth and migration and induces apoptosis of non-small-cell lung cancer cells via suppressing MEK/ERK and Akt signalling pathways. <i>Life Sciences</i> , 2022, 300, 120495.	2.0	4
53	Purification and characterization of a polysialic acid-specific sialidase from <i>Pseudomonas fluorescens</i> JK-0412. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 526-537.	1.4	3
54	Regio-specific biotransformation of alizarin to alizarin methoxide with enhanced cytotoxicity against proliferative cells. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020, 47, 537-542.	1.4	2

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55	Effects of Molecular Weights of Sodium Hyaluronate on the Collagen Synthesis, Anti-inflammation and Transdermal Absorption. Journal of the Society of Cosmetic Scientists of Korea, 2016, 42, 235-245.	0.2	2