

Jinwoong Kim

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179
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191
ext. papers

5,087
ext. citations

3.8
avg, IF

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L-index

#	Paper	IF	Citations
179	Bradykinin-12-lipoxygenase-VR1 signaling pathway for inflammatory hyperalgesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 10150-5	11.5	323
178	Inhibition of HIV-1 reverse transcriptase and protease by phlorotannins from the brown alga <i>Ecklonia cava</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2004 , 27, 544-7	2.3	194
177	Cytoprotective effects of Glycyrrhizae radix extract and its active component liquiritigenin against cadmium-induced toxicity (effects on bad translocation and cytochrome c-mediated PARP cleavage). <i>Toxicology</i> , 2004 , 197, 239-51	4.4	108
176	Inhibition of HIV-1 integrase by galloyl glucoses from <i>Terminalia chebula</i> and flavonol glycoside gallates from <i>Euphorbia pekinensis</i> . <i>Planta Medica</i> , 2002 , 68, 457-9	3.1	105
175	New antihepatotoxic cerebroside from <i>Lycium chinense</i> fruits. <i>Journal of Natural Products</i> , 1997 , 60, 274-6	4.9	89
174	Hepatoprotective pyrrole derivatives of <i>Lycium chinense</i> fruits. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 79-81	2.9	80
173	Cytotoxic anticancer candidates from natural resources. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2002 , 2, 485-537		76
172	Flavonoids of <i>Inula britannica</i> protect cultured cortical cells from necrotic cell death induced by glutamate. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 596-604	7.8	72
171	Suppression of LPS-induced inflammatory and NF- κ B responses by anomalin in RAW 264.7 macrophages. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 2179-88	4.7	71
170	Licochalcone A: an inducer of cell differentiation and cytotoxic agent from <i>Pogostemon cablin</i> . <i>Planta Medica</i> , 1998 , 64, 464-6	3.1	66
169	Antihepatotoxic activity of icariin, a major constituent of <i>Epimedium koreanum</i> . <i>Planta Medica</i> , 1995 , 61, 523-6	3.1	66
168	Neuroprotective constituents from <i>Hedyotis diffusa</i> . <i>Journal of Natural Products</i> , 2001 , 64, 75-8	4.9	65
167	Four new neuroprotective iridoid glycosides from <i>Scrophularia buergeriana</i> roots. <i>Journal of Natural Products</i> , 2002 , 65, 1696-9	4.9	63
166	Arctigenin protects cultured cortical neurons from glutamate-induced neurodegeneration by binding to kainate receptor. <i>Journal of Neuroscience Research</i> , 2002 , 68, 233-40	4.4	60
165	Inhibition of phospholipase c γ 1 and cancer cell proliferation by triterpene esters from <i>Uncaria rhynchophylla</i> . <i>Journal of Natural Products</i> , 2000 , 63, 753-6	4.9	60
164	Hepatoprotective phenylpropanoids from <i>Scrophularia buergeriana</i> roots against CCl ₄ -induced toxicity: action mechanism and structure-activity relationship. <i>Planta Medica</i> , 2002 , 68, 407-11	3.1	57
163	Acylated flavonol glycosides from the flower of <i>Inula britannica</i> . <i>Journal of Natural Products</i> , 2000 , 63, 34-6	4.9	57

162	Inhibitors of osteoclast differentiation from <i>Cephalotaxus koreana</i> . <i>Journal of Natural Products</i> , 2007 , 70, 2029-32	4.9	55
161	(+)-Alpha-viniferin, a stilbene trimer from <i>Caragana chamlague</i> , inhibits acetylcholinesterase. <i>Biological and Pharmaceutical Bulletin</i> , 2002 , 25, 125-7	2.3	54
160	Phenolic compounds with radical scavenging and cyclooxygenase-2 (COX-2) inhibitory activities from <i>Dioscorea opposita</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 2689-94	3.4	53
159	Cynandione A from <i>Cynanchum wilfordii</i> protects cultured cortical neurons from toxicity induced by H ₂ O ₂ , L-glutamate, and kainate. <i>Journal of Neuroscience Research</i> , 2000 , 59, 259-64	4.4	51
158	Chemical constituents isolated from <i>Paeonia lactiflora</i> roots and their neuroprotective activity against oxidative stress in vitro. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009 , 24, 1138-40	5.6	46
157	Inhibition of phospholipase C gamma 1 activity by amentoflavone isolated from <i>Selaginella tamariscina</i> . <i>Planta Medica</i> , 1996 , 62, 293-6	3.1	46
156	Nonsteroidal anti-inflammatory drug activated gene-1 (NAG-1) modulators from natural products as anti-cancer agents. <i>Life Sciences</i> , 2014 , 100, 75-84	6.8	45
155	Separation of anti-ulcer flavonoids from <i>Artemisia</i> extracts by high-speed countercurrent chromatography. <i>Food Chemistry</i> , 2011 , 129, 679-683	8.5	45
154	Simultaneous determination of chromones and coumarins in <i>Radix Saposhnikovia</i> by high performance liquid chromatography with diode array and tandem mass detectors. <i>Journal of Chromatography A</i> , 2011 , 1218, 6319-30	4.5	43
153	Lignans of <i>Rosa multiflora</i> roots. <i>Archives of Pharmacal Research</i> , 2004 , 27, 287-90	6.1	43
152	Anti-inflammatory mechanism of 15,16-epoxy-3 β -hydroxylabda-8,13(16),14-trien-7-one via inhibition of LPS-induced multicellular signaling pathways. <i>Journal of Natural Products</i> , 2012 , 75, 67-71	4.9	42
151	Inhibitory activity on HIV-1 reverse transcriptase and integrase of a carmalol derivative from a brown Alga, <i>Ishige okamurae</i> . <i>Phytotherapy Research</i> , 2006 , 20, 711-3	6.7	42
150	Cytotoxic sesquiterpene lactones from <i>Inula britannica</i> . <i>Planta Medica</i> , 1998 , 64, 752-4	3.1	42
149	Enhanced antibacterial activities of <i>Leonuri herba</i> extracts containing silver nanoparticles. <i>Phytotherapy Research</i> , 2012 , 26, 1249-55	6.7	39
148	Phenolic compounds with pancreatic lipase inhibitory activity from Korean yam (<i>Dioscorea opposita</i>). <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014 , 29, 1-6	5.6	38
147	Steroidal saponins from the rhizomes of <i>Polygonatum sibiricum</i> . <i>Journal of Natural Products</i> , 2006 , 69, 360-4	4.9	37
146	Andrographolide Activates Keap1/Nrf2/ARE/HO-1 Pathway in HT22 Cells and Suppresses Microglial Activation by A through Nrf2-Related Inflammatory Response. <i>Mediators of Inflammation</i> , 2017 , 2017, 5906189	4.3	36
145	New bioactive polyacetylenes from the marine sponge <i>Petrosia</i> sp.. <i>Tetrahedron</i> , 1998 , 54, 3151-3158	2.4	36

144	Supercritical fluid extraction and liquid chromatographic-electrospray mass spectrometric analysis of stevioside from <i>Stevia rebaudiana</i> leaves. <i>Chromatographia</i> , 2002 , 55, 617-620	2.1	36
143	Polypodoside A, an intensely sweet constituent of the rhizomes of <i>Polypodium glycyrrhiza</i> . <i>Journal of Natural Products</i> , 1988 , 51, 1166-72	4.9	36
142	Simultaneous determination of five coumarins in <i>Angelicae dahuricae Radix</i> by HPLC/UV and LC-ESI-MS/MS. <i>Biomedical Chromatography</i> , 2009 , 23, 1034-43	1.7	35
141	Neuroprotective effects of <i>Dioscorea opposita</i> on scopolamine-induced memory impairment in in vivo behavioral tests and in vitro assays. <i>Journal of Ethnopharmacology</i> , 2009 , 121, 130-4	5	34
140	Ethanol extract of <i>Bupleurum falcatum</i> and saikosaponins inhibit neuroinflammation via inhibition of NF- κ B. <i>Journal of Ethnopharmacology</i> , 2015 , 174, 37-44	5	33
139	Protection of rat hepatocytes exposed to CCl ₄ in-vitro by cynandione A, a biacetophenone from <i>Cynanchum wilfordii</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2000 , 52, 341-5	4.8	33
138	Meso-dihydroguaiaretic acid and licarin A of <i>Machilus thunbergii</i> protect against glutamate-induced toxicity in primary cultures of a rat cortical cells. <i>British Journal of Pharmacology</i> , 2005 , 146, 752-9	8.6	32
137	Strategies for supercritical fluid extraction of hyoscyamine and scopolamine salts using basified modifiers. <i>Journal of Chromatography A</i> , 1999 , 863, 47-55	4.5	32
136	CENTRIFUGAL PARTITION CHROMATOGRAPHY: APPLICATION TO NATURAL PRODUCTS IN 1994-2009. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010 , 33, 1208-1254	1.3	31
135	Band B Mangostin inhibit the proliferation of colon cancer cells via Eatenin gene regulation in Wnt/cGMP signalling. <i>Food Chemistry</i> , 2011 , 129, 1559-1566	8.5	31
134	Inhibition of HIV-1 reverse transcriptase and HIV-1 integrase and antiviral activity of Korean seaweed extracts. <i>Journal of Applied Phycology</i> , 2002 , 14, 325-329	3.2	31
133	Zeaxanthin dipalmitate from <i>Lycium chinense</i> fruit reduces experimentally induced hepatic fibrosis in rats. <i>Biological and Pharmaceutical Bulletin</i> , 2002 , 25, 390-2	2.3	31
132	Phospholipase C γ 1 inhibitory principles from the sarcotestas of <i>Ginkgo biloba</i> . <i>Journal of Natural Products</i> , 1998 , 61, 867-71	4.9	31
131	Preparative isolation and purification of geniposide from gardenia fruits by centrifugal partition chromatography. <i>Phytochemical Analysis</i> , 2007 , 18, 115-7	3.4	30
130	Inhibition of phospholipase C γ 1 and cancer cell proliferation by lignans and flavans from <i>Machilus thunbergii</i> . <i>Archives of Pharmacal Research</i> , 2004 , 27, 1043-7	6.1	29
129	Norisoprenoids and hepatoprotective flavone glycosides from the aerial parts of <i>Beta vulgaris</i> var. <i>cicla</i> . <i>Archives of Pharmacal Research</i> , 2004 , 27, 600-3	6.1	28
128	Neuroprotective diarylheptanoids from the leaves and twigs of <i>Juglans sinensis</i> against glutamate-induced toxicity in HT22 cells. <i>Planta Medica</i> , 2011 , 77, 841-5	3.1	27
127	A-ring contracted triterpenoid from <i>Rosa multiflora</i> . <i>Phytochemistry</i> , 1998 , 48, 1399-1401	4	27

126	Idesolide: a new spiro compound from <i>Idesia polycarpa</i> . <i>Organic Letters</i> , 2005 , 7, 3275-7	6.2	27
125	Pantherinine, a cytotoxic aromatic alkaloid, and 7-deazainosine from the ascidian <i>Aplidium pantherinum</i> . <i>Journal of Natural Products</i> , 1993 , 56, 1813-6	4.9	27
124	Labdane diterpenes from <i>Aster spathulifolius</i> and their cytotoxic effects on human cancer cell lines. <i>Journal of Natural Products</i> , 2005 , 68, 1471-4	4.9	26
123	Prenylated Flavonoids from the Roots and Rhizomes of <i>Sophora tonkinensis</i> and Their Effects on the Expression of Inflammatory Mediators and Proprotein Convertase Subtilisin/Kexin Type 9. <i>Journal of Natural Products</i> , 2019 , 82, 309-317	4.9	25
122	Effects of the rhizomes of <i>Atractylodes japonica</i> and atractylenolide I on allergic response and experimental atopic dermatitis. <i>Archives of Pharmacal Research</i> , 2012 , 35, 2007-12	6.1	25
121	Flavonoids of <i>Crotalaria sessiliflora</i> . <i>Archives of Pharmacal Research</i> , 2004 , 27, 544-6	6.1	25
120	Antiproliferative triterpenes from the leaves and twigs of <i>Juglans sinensis</i> on HSC-T6 cells. <i>Journal of Natural Products</i> , 2011 , 74, 751-6	4.9	24
119	Preparative separation of dioscin derivatives from <i>Dioscorea villosa</i> by centrifugal partition chromatography coupled with evaporative light scattering detection. <i>Journal of Separation Science</i> , 2008 , 31, 2486-91	3.4	24
118	Inhibitory phenolic amides on lipopolysaccharide-induced nitric oxide production in RAW 264.7 cells from <i>Beta vulgaris</i> var. <i>ciela</i> seeds. <i>Phytotherapy Research</i> , 2003 , 17, 983-5	6.7	24
117	Supercritical fluid extraction and liquid chromatography-electrospray mass analysis of vinblastine from <i>Catharanthus roseus</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2002 , 50, 1294-6	1.9	24
116	Anti-inflammatory properties of a triterpenoidal glycoside from <i>Momordica cochinchinensis</i> in LPS-stimulated macrophages. <i>Immunopharmacology and Immunotoxicology</i> , 2013 , 35, 8-14	3.2	23
115	Effects of the root of <i>Platycodon grandiflorum</i> on airway mucin hypersecretion in vivo and platycodin D(3) and deapi-platycodin on production and secretion of airway mucin in vitro. <i>Phytomedicine</i> , 2014 , 21, 529-33	6.5	23
114	One step purification of flavanone glycosides from <i>Poncirus trifoliata</i> by centrifugal partition chromatography. <i>Journal of Separation Science</i> , 2007 , 30, 2693-7	3.4	23
113	Agastaquinone, a new cytotoxic diterpenoid quinone from <i>Agastache rugosa</i> . <i>Journal of Natural Products</i> , 1995 , 58, 1718-21	4.9	23
112	Agrostistachin, a novel cytotoxic macrocyclic diterpene from. <i>Tetrahedron Letters</i> , 1986 , 27, 5795-5798	2	23
111	Cytotoxic Ceanothane- and Lupane-Type Triterpenoids from the Roots of <i>Ziziphus jujuba</i> . <i>Journal of Natural Products</i> , 2016 , 79, 2364-75	4.9	23
110	Afzelin ameliorates D-galactosamine and lipopolysaccharide-induced fulminant hepatic failure by modulating mitochondrial quality control and dynamics. <i>British Journal of Pharmacology</i> , 2017 , 174, 195-209	8.6	22
109	Flavonoids and arylbenzofurans from the rhizomes and roots of <i>Sophora tonkinensis</i> with IL-6 production inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 5644-5647	2.9	22

108	High performance liquid chromatography-electrospray ionization MS-MS analysis of Forsythia koreana fruits, leaves, and stems. Enhancement of the efficiency of extraction of arctigenin by use of supercritical-fluid extraction. <i>Chromatographia</i> , 2003 , 57, 73-79	2.1	22
107	Uncarinic acids: phospholipase C γ 1 inhibitors from hooks of <i>Uncaria rhynchophylla</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999 , 9, 1429-32	2.9	22
106	Molecular Networking Reveals the Chemical Diversity of Selaginellin Derivatives, Natural Phosphodiesterase-4 Inhibitors from. <i>Journal of Natural Products</i> , 2019 , 82, 1820-1830	4.9	21
105	Further steroidal and flavonoid constituents of the sweet plant, <i>Polypodium glycyrrhiza</i> . <i>Phytochemistry</i> , 1989 , 28, 1225-1228	4	21
104	Cytotoxic terpenoids from <i>Juglans sinensis</i> leaves and twigs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 2079-83	2.9	20
103	Anti-inflammatory phenolics isolated from <i>Juniperus rigida</i> leaves and twigs in lipopolysaccharide-stimulated RAW264.7 macrophage cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012 , 27, 875-9	5.6	20
102	Neuroprotective compounds from <i>Salix pseudo-lasiogyne</i> twigs and their anti-amnesic effects on scopolamine-induced memory deficit in mice. <i>Planta Medica</i> , 2013 , 79, 78-82	3.1	20
101	Structure-activity relationship of pentacyclic triterpene esters from <i>Uncaria rhynchophylla</i> as inhibitors of phospholipase C γ 1. <i>Planta Medica</i> , 2008 , 74, 1481-7	3.1	20
100	Potentially hepatoprotective glycolipid constituents of <i>Lycium chinense</i> fruits. <i>Archives of Pharmacal Research</i> , 2005 , 28, 1381-5	6.1	19
99	Protein Tyrosine Phosphatase 1B Inhibitors from the Stems of <i>Akebia quinata</i> . <i>Molecules</i> , 2016 , 21,	4.8	19
98	Three new coumarins from and their porcine epidemic diarrhea virus (PEDV) inhibitory activity. <i>Tetrahedron</i> , 2015 , 71, 4651-4658	2.4	18
97	Acylphloroglucinolated Catechin and Phenylethyl Isocoumarin Derivatives from <i>Agrimonia pilosa</i> . <i>Journal of Natural Products</i> , 2016 , 79, 2376-83	4.9	18
96	Species discrimination of <i>Radix Bupleuri</i> through the simultaneous determination of ten saikosaponins by high performance liquid chromatography with evaporative light scattering detection and electrospray ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 3887-95	3.2	18
95	Application of centrifugal partition chromatography coupled with evaporative light scattering detection for the isolation of saikosaponins-a and -c from <i>Bupleurum falcatum</i> roots. <i>Journal of Separation Science</i> , 2009 , 32, 74-8	3.4	18
94	A benzoquinone from <i>Cynanchum wilfordii</i> . <i>Phytochemistry</i> , 1997 , 46, 1103-1105	4	18
93	Steroidal glycosides of the 14,15-seco-18-nor-pregnane series from <i>Cynanchum ascyrifolium</i> . <i>Phytochemistry</i> , 1998 , 49, 1129-33	4	18
92	Two new acylated iridoid glucosides from the aerial parts of <i>Paederia scandens</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2004 , 52, 1356-7	1.9	18
91	Identification and quantification of steroidal saponins in <i>Polygonatum</i> species by HPLC/ESI/MS. <i>Archives of Pharmacal Research</i> , 2005 , 28, 592-7	6.1	18

90	Use of the selective inept NMR technique in the structure elucidation of (+)-afzelechin-7- β -D- <small>D</small> -apioside, a bitter principle of. <i>Tetrahedron Letters</i> , 1987 , 28, 3655-3658	2	18
89	Anti-obesity Effect of Dioscorea oppositifolia Extract in High-Fat Diet-Induced Obese Mice and Its Chemical Characterization. <i>Biological and Pharmaceutical Bulletin</i> , 2016 , 39, 409-14	2.3	17
88	Application of high-speed countercurrent chromatography-evaporative light scattering detection for the separation of seven steroidal saponins from Dioscorea villosa. <i>Phytochemical Analysis</i> , 2012 , 23, 462-8	3.4	17
87	Optimum SFE condition for lignans of Schisandra chinensis fruits. <i>Chromatographia</i> , 1998 , 48, 695-699	2.1	17
86	A preparative isolation and purification of arctigenin and matairesinol from Forsythia koreana by centrifugal partition chromatography. <i>Journal of Separation Science</i> , 2006 , 29, 656-9	3.4	17
85	Hepatoprotective flavonol glycosides from the aerial parts of Rodgersia podophylla. <i>Planta Medica</i> , 2004 , 70, 576-7	3.1	17
84	Chemical constituents from Taraxacum officinale and their α -glucosidase inhibitory activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 476-481	2.9	17
83	Alkaloids from aerial parts of Houttuynia cordata and their anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2807-2811	2.9	16
82	SKI3301, a purified herbal extract from Sophora tonkinensis, inhibited airway inflammation and bronchospasm in allergic asthma animal models in vivo. <i>Journal of Ethnopharmacology</i> , 2017 , 206, 298-305	5.5	16
81	Concise synthesis of rodersinol and determination of the C-10 absolute configuration. <i>Journal of Organic Chemistry</i> , 2007 , 72, 666-8	4.2	16
80	Isolation of a potent anti-MRSA sesquiterpenoid quinone from Ulmus davidiana var. japonica. <i>Chemical and Pharmaceutical Bulletin</i> , 2000 , 48, 1805-6	1.9	16
79	Cytotoxic anticancer candidates from terrestrial plants. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009 , 9, 913-42	2.2	16
78	PTP1B inhibitors from the seeds of Iris sanguinea and their insulin mimetic activities via AMPK and ACC phosphorylation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 5076-5081	2.9	15
77	C-Methylated Flavonoid Glycosides from Pentarhizidium orientale Rhizomes and Their Inhibitory Effects on the H1N1 Influenza Virus. <i>Journal of Natural Products</i> , 2017 , 80, 2818-2824	4.9	15
76	Flavonoid glycosides from the aerial parts of Acacia pennata in Myanmar. <i>Phytochemistry</i> , 2015 , 118, 17-22	4	15
75	Preparative Isolation of Mangiferin from Anemarrhena asphodeloides Rhizomes by Centrifugal Partition Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006 , 29, 869-875	1.3	15
74	Four novel lignans from Rodgersia podophylla. <i>Tetrahedron Letters</i> , 2004 , 45, 339-341	2	15
73	Extraction of epicuticular wax and nonacosan-10-OL from Ephedra herb utilizing supercritical carbon dioxide. <i>Korean Journal of Chemical Engineering</i> , 1996 , 13, 216-219	2.8	15

72	Anti-gastritis and wound healing effects of Momordicae Semen extract and its active component. <i>Immunopharmacology and Immunotoxicology</i> , 2013 , 35, 126-32	3.2	14
71	Separation of five oligostilbenes from <i>Vitis amurensis</i> by flow-rate gradient high-performance counter-current chromatography. <i>Journal of Separation Science</i> , 2013 , 36, 3860-5	3.4	14
70	Supercritical carbon dioxide extraction of podophyllotoxin from <i>Dioscorea pleiantha</i> roots. <i>Planta Medica</i> , 1998 , 64, 482-3	3.1	14
69	Catechin-Bound Ceanothane-Type Triterpenoid Derivatives from the Roots of <i>Zizyphus jujuba</i> . <i>Journal of Natural Products</i> , 2017 , 80, 1048-1054	4.9	13
68	Determination of the Absolute Configuration of Khellactone Esters from <i>Peucedanum japonicum</i> Roots. <i>Journal of Natural Products</i> , 2017 , 80, 1354-1360	4.9	13
67	Berchemiosides A-C, 2-Acetoxy- β -phenylpentaene Fatty Acid Triglycosides from the Unripe Fruits of <i>Berchemia berchemiifolia</i> . <i>Journal of Natural Products</i> , 2017 , 80, 2778-2786	4.9	13
66	Autophagy mediates phase transitions from cell death to life. <i>Heliyon</i> , 2015 , 1, e00027	3.6	13
65	Trans-scirpusin A showed antitumor effects via autophagy activation and apoptosis induction of colorectal cancer cells. <i>Oncotarget</i> , 2017 , 8, 41401-41411	3.3	13
64	Prediction of tyrosinase inhibitory activities of <i>Morus alba</i> root bark extracts from HPLC fingerprints. <i>Microchemical Journal</i> , 2013 , 110, 731-738	4.8	13
63	Application of high-performance countercurrent chromatography for the isolation of steroidal saponins from <i>Liriope plathyphylla</i> . <i>Journal of Separation Science</i> , 2015 , 38, 18-24	3.4	13
62	Root extracts of <i>Polygala tenuifolia</i> for the green synthesis of gold nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 6202-8	1.3	13
61	Comparison of supercritical carbon dioxide extraction with solvent extraction of nonacosan-10-ol, β -myrmycin acetate, squalene and stigmasterol from medicinal plants. <i>Phytochemical Analysis</i> , 1997 , 8, 233-237	3.4	13
60	Inhibition of HIV-1 protease and RNase H of HIV-1 reverse transcriptase activities by long chain phenols from the sarcotestas of <i>Ginkgo biloba</i> . <i>Planta Medica</i> , 2008 , 74, 532-4	3.1	13
59	New Pyrrole Alkaloids with Bulky N-Alkyl Side Chains Containing Stereogenic Centers from <i>Lycium chinense</i> . <i>Helvetica Chimica Acta</i> , 2013 , 96, 1482-1487	2	12
58	Rapid separation of cyanidin-3-glucoside and cyanidin-3-rutinoside from crude mulberry extract using high-performance countercurrent chromatography and establishment of a volumetric scale-up process. <i>Journal of Separation Science</i> , 2015 , 38, 1828-36	3.4	12
57	Effect of functional groups on the solubilities of coumarin derivatives in supercritical carbon dioxide. <i>Chromatographia</i> , 1998 , 47, 93-97	2.1	12
56	Selective extraction of ephedrine from <i>Ephedra sinica</i> using mixtures of CO ₂ , diethylamine, and methanol. <i>Chromatographia</i> , 1999 , 50, 673-679	2.1	11
55	Dynamics of macroautophagy: Modeling and oscillatory behavior. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012 , 391, 686-692	3.3	10

54	Flavonoids from <i>Symplocos racemosa</i> . <i>Molecules</i> , 2014 , 20, 358-65	4.8	10
53	Three new flavonol glycosides from the aerial parts of <i>Rodgersia podophylla</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2006 , 54, 234-6	1.9	10
52	Supercritical-fluid extraction of bilobalide and ginkgolides from <i>Ginkgo biloba</i> leaves by use of a mixture of carbon dioxide, methanol, and water. <i>Chromatographia</i> , 2002 , 56, 753-757	2.1	10
51	A new triterpene lactone from the roots of <i>Patrinia scabiosaefolia</i> . <i>Archives of Pharmacal Research</i> , 2001 , 24, 416-7	6.1	10
50	Modifier effects on supercritical CO ₂ extraction efficiency of cephalotaxine from <i>Cephalotaxus wilsoniana</i> leaves. <i>Archives of Pharmacal Research</i> , 2000 , 23, 163-6	6.1	10
49	Crystalline Silver Nanoparticles by Using <i>Polygala tenuifolia</i> Root Extract as a Green Reducing Agent. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 1567-74	1.3	9
48	Quantitative indices of autophagy activity from minimal models. <i>Theoretical Biology and Medical Modelling</i> , 2014 , 11, 31	2.3	9
47	Anti-adipogenic constituents from <i>Dioscorea opposita</i> in 3T3-L1 cells. <i>Biological and Pharmaceutical Bulletin</i> , 2014 , 37, 1683-8	2.3	9
46	Effect of processing method on platycodin D content in <i>Platycodon grandiflorum</i> roots. <i>Archives of Pharmacal Research</i> , 2017 , 40, 1087-1093	6.1	9
45	Preparative isolation and purification of sinomenine from <i>Sinomenium acutum</i> by centrifugal partition chromatography. <i>Journal of Separation Science</i> , 2007 , 30, 2105-8	3.4	9
44	Anti-inflammatory Constituents from the Roots of <i>Saposhnikovia divaricata</i> . <i>Bulletin of the Korean Chemical Society</i> , 2011 , 32, 2132-2134	1.2	9
43	Isolation of tyrosinase and melanogenesis inhibitory flavonoids from <i>Juniperus chinensis</i> fruits. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018 , 82, 2041-2048	2.1	8
42	Mathematical models for insulin secretion in pancreatic β cells. <i>Islets</i> , 2012 , 4, 94-107	2	8
41	Chemical constituents of <i>Polygala tenuifolia</i> roots and their inhibitory activity on lipopolysaccharide-induced nitric oxide production in BV2 microglia. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012 , 27, 1-4	5.6	8
40	HPLC-electrospray ionization-MS-MS analysis of <i>Cephalotaxus harringtonia</i> leaves and enhancement of the extraction efficiency of alkaloids therein by SFE. <i>Journal of Chromatographic Science</i> , 2003 , 41, 67-72	1.4	8
39	A steroidal glycoside from <i>Lepisorus ussuriensis</i> . <i>Phytochemistry</i> , 1999 , 51, 453-456	4	8
38	Enzymatic synthesis of a dihydrobenzofuran neolignan by oxidative coupling. <i>Archives of Pharmacal Research</i> , 1999 , 22, 306-8	6.1	8
37	A flavonoid diglycoside from <i>Lepisorus ussuriensis</i> . <i>Phytochemistry</i> , 1996 , 43, 1111-3	4	8

- 36 Glucose Uptake-Stimulating Galloyl Ester Triterpenoids from. *Journal of Natural Products*, **2020**, 83, 3093-3101 8
- 35 Eudesmane Glycosides from *Ambrosia artemisiifolia* (Common Ragweed) as Potential Neuroprotective Agents. *Journal of Natural Products*, **2019**, 82, 1128-1138 4.9 7
- 34 Supercritical fluid extraction and bioassay identification of prodrug substances from natural resources. *Korean Journal of Chemical Engineering*, **1997**, 14, 109-116 2.8 7
- 33 Inhibitors of bone resorption from *Halenia corniculata*. *Archives of Pharmacal Research*, **2008**, 31, 850-5 6.1 7
- 32 A novel iNOS and COX-2 inhibitor from the aerial parts of *Rodgersia podophylla*. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 4600-2 2.9 7
- 31 Two new neolignans from the aerial parts of *Rodgersia podophylla*. *Chemical and Pharmaceutical Bulletin*, **2005**, 53, 103-4 1.9 7
- 30 Structure Revision of Polypodoside A. Major Sweet Principle of *Polypodium glycyrrhiza*. *Chemistry Letters*, **1994**, 23, 1555-1558 1.7 7
- 29 A New Neolignan from *Cephalotaxus koreana*. *Bulletin of the Korean Chemical Society*, **2010**, 31, 495-496 1.2 7
- 28 Isosamidin from Roots Prevents Methylglyoxal-Induced Glucotoxicity in Human Umbilical Vein Endothelial Cells via Suppression of ROS-Mediated Bax/Bcl-2. *Antioxidants*, **2020**, 9, 7.1 6
- 27 Two new lathyrane-type diterpenoid glycosides with IL-6 production inhibitory activity from the roots of *Euphorbia kansui*. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 1207-1210 2.9 6
- 26 Computer-aided design and synthesis of 3-carbonyl-5-phenyl-1-pyrazole as highly selective and potent BRAFV600E and CRAF inhibitor. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 1314-1320 5.6 6
- 25 Simultaneous determination of trifolirhizin, (-)-maackiain, (-)-sophoranone, and 2-(2,4-dihydroxyphenyl)-5,6-methylenedioxybenzofuran from *Sophora tonkinensis* in rat plasma by liquid chromatography with tandem mass spectrometry and its application to a pharmacokinetic study. *Journal of Chromatography B*, **2014**, 967, 2025-2034 3.4 6
- 24 Mathematical model of the glucose-insulin regulatory system: From the bursting electrical activity in pancreatic β cells to the glucose dynamics in the whole body. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2012**, 376, 3150-3157 2.3 6
- 23 Two New Phenylpropanoid Glycosides from the Aerial Parts of *Paederia scandens*. *Bulletin of the Korean Chemical Society*, **2010**, 31, 1070-1072 1.2 6
- 22 Identification of neolignans with PCSK9 downregulatory and LDLR upregulatory activities from *Penthorum chinense* and the potential in cholesterol uptake by transcriptional regulation of LDLR via SREBP2. *Journal of Ethnopharmacology*, **2021**, 278, 114265 5 6
- 21 Dereplication-Guided Isolation of New Phenylpropanoid-Substituted Diglycosides from *Cistanche salsa* and Their Inhibitory Activity on NO Production in Macrophage. *Molecules*, **2017**, 22, 4.8 5
- 20 Two new phenolic glucosides from *Lagerstroemia speciosa*. *Molecules*, **2015**, 20, 4483-91 4.8 5
- 19 COMPUTER SIMULATIONS UNVEIL THE DYNAMICS OF AUTOPHAGY AND ITS IMPLICATIONS FOR THE CELLULAR QUALITY CONTROL. *Journal of Biological Systems*, **2014**, 22, 659-675 1.6 5

18	Preparative Isolation of Alisol B and Alisol B 23-Acetate from Alismatis Rhizoma by Centrifugal Partition Chromatography Coupled with ELSD. <i>Chromatographia</i> , 2009 , 69, 791-793	2.1	5
17	New pregnane glycosides from <i>Cynanchum ascyrifolium</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2002 , 50, 847-9	1.9	5
16	Phospholipase Cgamma as a target for the development of new anticancer agents from natural sources. <i>Drugs of the Future</i> , 2001 , 26, 163	2.3	5
15	Isolation of polyacetylenes with proprotein convertase/kexin type 9 downregulating activity and two new sesquiterpenes from the aerial parts of <i>Aster koraiensis</i> . <i>Tetrahedron Letters</i> , 2020 , 61, 151957 ²		5
14	Chemical and genomic diversity of six <i>Lonicera</i> species occurring in Korea. <i>Phytochemistry</i> , 2018 , 155, 126-135	4	4
13	Chapter two Supercritical fluid extraction of alkaloids. <i>Alkaloids: Chemical and Biological Perspectives</i> , 2001 , 15, 415-431		4
12	PREPARATIVE ISOLATION AND PURIFICATION OF FLAVONOIDS FROM PTEROCARPUS SANTALINUS USING CENTRIFUGAL PARTITION CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012 , 35, 2462-2470	1.3	3
11	Systems of pancreatic beta-cells and glucose regulation. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 6421-31	2.8	3
10	A Facile Solid-Phase Synthesis of (+)-(S)-Clopidogrel. <i>Helvetica Chimica Acta</i> , 2013 , 96, 326-329	2	2
9	Novel Oxooxepane Derivatives and New Phorbic Acid Derivative from <i>Paederia scandens</i> . <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34, 683-685	1.2	2
8	Combined MS/MS-NMR Annotation Guided Discovery of var. Seed as a Source of Viral Neuraminidase Inhibitory Polyphenols. <i>Molecules</i> , 2020 , 25,	4.8	2
7	Selaginellin Derivatives from and Their Upregulating Effects on Low-Density Lipoprotein Receptor Expression. <i>Journal of Natural Products</i> , 2021 , 84, 857-864	4.9	2
6	Dilignans with a Chromanol Motif Discovered by Molecular Networking from the Stem Barks of and Their Proprotein Convertase Subtilisin/Kexin Type 9 Expression Inhibitory Activity. <i>Biomolecules</i> , 2021 , 11,	5.9	2
5	Furylhydroquinones and miscellaneous compounds from the roots of and their anti-inflammatory effect in HaCaT cells. <i>Natural Product Research</i> , 2019 , 33, 1691-1698	2.3	2
4	Anti-rheumatic, and analgesic effects by the parent tuberous roots of <i>Aconitum jaluense</i> in adjuvant induced arthritis rats. <i>Journal of Ethnopharmacology</i> , 2021 , 114518	5	1
3	Prenylated Flavonoid Glycosides with PCSK9 mRNA Expression Inhibitory Activity from the Aerial Parts of. <i>Molecules</i> , 2021 , 26,	4.8	1
2	Acylated saponins and flavonoid glycosides from the fruits of <i>Stewartia koreana</i> . <i>Phytochemistry</i> , 2022 , 193, 112980	4	0
1	Pharmaceutical Studies on Dang-GuiIn Korean Journals. <i>Natural Product Sciences</i> , 2019 , 25, 285	1.1	0

