Nam-In Baek

List of Publications by Year in Descending Order

228 papers	3,373 citations	30 h-index	44 g-index
236 ext. papers	3,853 ext. citations	3.6 avg, IF	4.95 L-index

#	Paper	IF	Citations
228	Three New Phthalide Glycosides from the Rhizomes of and Their Recovery Effect on Damaged Otic Hair Cells in Zebrafish. *Molecules*, **2021**, 26,	4.8	3
227	Recovery Effect of a Rutin-Enriched Fraction Prepared From Forsythia koreana Flowers on Alloxan-Induced Pancreatic Islets in Zebrafish Larvae (Danio rerio). *Natural Product Communications* , **2021**, 16, 1934578X2110437	0.9	
226	Whitening and inhibiting NF-B-mediated inflammation properties of the biotransformed green ginseng berry of new cultivar K1, ginsenoside Rg2 enriched, on B16 and LPS-stimulated RAW 264.7 cells. *Journal of Ginseng Research*, **2021**, 45, 631-641	5.8	1
225	Glycosyltransformation of ginsenoside Rh2 into two novel ginsenosides using recombinant glycosyltransferase from and its applications. *Journal of Ginseng Research*, **2021**, 45, 48-57	5.8	5
224	Selecting marker substances of main producing area of Codonopsis lanceolata in Korea using UPLC-QTOF-MS analysis. *Journal of Applied Biological Chemistry*, **2021**, 64, 245-251	0.7	1
223	Volatile Profiles of Five Variants of Flowers Using Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry (HS-SPME-GC-MS) Analysis. *Plants*, **2021**, 10,	4.5	3
222	Lipids from the rhizome of Cnidium officinalis Makino. *Journal of Applied Biological Chemistry*, **2021**, 64, 343-349	0.7	
221	Amylosucrase from Deinococcus geothermalis can be modulated under different reaction conditions to produce novel quercetin 4'-O-D-isomaltoside. *Enzyme and Microbial Technology*, **2020**, 141, 109648	3.8	5
220	A Comparative Study on Processed Products Using HR-MAS NMR-Based Metabolomics. *Molecules*, **2020**, 25,	4.8	8
219	Coreolanceolins A-E, New Flavanones from the Flowers of and Their Antioxidant and Anti-inflammatory Effects. *Antioxidants*, **2020**, 9,	7.1	8
218	Steamed Ginger May Enhance Insulin Secretion through K Channel Closure in Pancreatic Cells Potentially by Increasing 1-Dehydro-6-Gingerdione Content. *Nutrients*, **2020**, 12,	6.7	7
217	Dibenzocyclooctadiene lignans from the fruits of Schisandra chinensis and their cytotoxicity on human cancer cell lines. *Applied Biological Chemistry*, **2020**, 63,	2.9	5
216	Glucogallin isolated from Fusidium coccineum and its enhancement of skin barrier effects. *Applied Biological Chemistry*, **2020**, 63,	2.9	2
215	Production, Structural Characterization, and In Vitro Assessment of the Prebiotic Potential of Butyl-Fructooligosaccharides. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
214	Brassicaphenanthrene A from Brassica rapa protects HT22 neuronal cells through the regulation of Nrf2-mediated heme oxygenase-1 expression. *Molecular Medicine Reports*, **2020**, 21, 493-500	2.9	5
213	Anti-Inflammatory Effect of Flavonoids from L. Flowers. *Journal of Microbiology and Biotechnology*, **2020**, 30, 163-171	3.3	3
212	Coumarins from the aerial parts of Artemisia iwayomogi Kitamura. *Journal of Applied Biological Chemistry*, **2020**, 63, 335-338	0.7	

211	Pharmacological inhibition of androgen receptor expression induces cell death in prostate cancer cells. *Cellular and Molecular Life Sciences*, **2020**, 77, 4663-4673	10.3	8
210	Using Amylosucrase for the Controlled Synthesis of Novel Isoquercitrin Glycosides with Different Glycosidic Linkages. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 13798-13805	5.7	5
209	A brief history and spectroscopic analysis of soy isoflavones. *Food Science and Biotechnology*, **2020**, 29, 1605-1617	3	9
208	Critical enzymes for biosynthesis of cucurbitacin derivatives in watermelon and their biological significance. *Communications Biology*, **2020**, 3, 444	6.7	8
207	Syringoleosides A-H, Secoiridoids from Flowers and Their Inhibition of NO Production in LPS-Induced RAW 264.7 Cells. *Journal of Natural Products*, **2020**, 83, 2655-2663	4.9	2
206	Lanceoleins A-G, hydroxychalcones, from the flowers of Coreopsis lanceolata and their chemopreventive effects against human colon cancer cells. *Bioorganic Chemistry*, **2019**, 85, 274-281	5.1	19
205	Comparative Analysis of Panax ginseng Berries from Seven Cultivars Using UPLC-QTOF/MS and NMR-Based Metabolic Profiling. *Biomolecules*, **2019**, 9,	5.9	7
204	Recovery effect of lignans and fermented extracts from Forsythia koreana flowers on pancreatic islets damaged by alloxan in zebrafish (Danio rerio). *Applied Biological Chemistry*, **2019**, 62,	2.9	10
203	Anti-Inflammatory Mechanisms of Koreanaside A, a Lignan Isolated from the Flower of , against LPS-Induced Macrophage Activation and DSS-Induced Colitis Mice: The Crucial Role of AP-1, NF-B, and JAK/STAT Signaling. *Cells*, **2019**, 8,	7.9	26
202	Anti-viral activity of compounds from Agrimonia pilosa and Galla rhois extract mixture. *Bioorganic Chemistry*, **2019**, 93, 103320	5.1	5
201	New Lignan from the Flowers of Forsythia koreana. *Chemistry of Natural Compounds*, **2019**, 55, 432-434	0.7	2
200	New furospirostane steroidal saponins from the flowers of Lilium Asiatic hybrids. *Carbohydrate Research*, **2019**, 481, 36-42	2.9	2
199	A 1,1?-biuracil from Epidermidibacterium keratini EPI-7 shows anti-aging effects on human dermal fibroblasts. *Applied Biological Chemistry*, **2019**, 62,	2.9	8
198	Enzymatic synthesis of galactosyl fucose using recombinant bifidobacterial galactosidase and its prebiotic effect. *Glycoconjugate Journal*, **2019**, 36, 199-209	3	3
197	Pharmacological activity and quantitative analysis of flavonoids isolated from the flowers of Begonia semperflorens Link et Otto. *Applied Biological Chemistry*, **2019**, 62,	2.9	12
196	6-Methoxyflavonols from the aerial parts of Tetragonia tetragonoides (Pall.) Kuntze and their anti-inflammatory activity. *Bioorganic Chemistry*, **2019**, 88, 102922	5.1	7
195	Synergistic Effect of Two Major Components of Malva verticillata in the Recovery of Alloxan-Damaged Pancreatic Islet Cells in Zebrafish. *Journal of Medicinal Food*, **2019**, 22, 196-201	2.8	1
194	A New Neolignan Glucoside from the Stems of Baekma Cultivar, Chrysanthemum morifolium. *Chemistry of Natural Compounds*, **2019**, 55, 610-613	0.7	1

193	Flavonoids from (Oleaceae) Flowers and Their Protective Effects against Glutamate-Induced Cell Toxicity in HT22 Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	11
192	Volatiles Profile of the Floral Organs of a New Hybrid , 'Sunny Bell' Using Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry Analysis. *Plants*, **2019**, 8,	4.5	5
191	Phenolic compounds from the flowers of Coreopsis lanceolata. *Journal of Applied Biological Chemistry*, **2019**, 62, 323-326	0.7	1
190	Identification and quantification of major malonyl ginsenosides isolated from Panax ginseng C.A. Meyer. *Journal of Applied Biological Chemistry*, **2019**, 62, 375-384	0.7	1
189	Analysis of polyphenolic metabolites from Artemisia gmelinii Weber ex Stechm. and regional comparison in Korea. *Journal of Applied Biological Chemistry*, **2019**, 62, 433-439	0.7	4
188	Enzymatic Synthesis of □Glucosylglycerol and Its Unnatural Glycosides Via □Glycosidase and Amylosucrase. *Journal of Microbiology and Biotechnology*, **2019**, 29, 562-570	3.3	5
187	Cyclofarnesane sesquiterpene glucoside from the whole plant of Loranthus tanakae and its cytotoxicity. *Journal of Applied Biological Chemistry*, **2019**, 62, 7-10	0.7	0
186	Isolation and quantitative analysis of metabolites from Scrophularia buergeriana and their hepatoprotective effects against HepG2 Cells. *Journal of Applied Biological Chemistry*, **2019**, 62, 399-406	0.7	
185	New Lignans from the Flower of Forsythia koreana and Their Suppression Effect on VCAM-1 Expression in MOVAS Cells. *Chemistry and Biodiversity*, **2018**, 15, e1800026	2.5	9
184	Glycerides isolated from the aerial parts of cause immunomodulation effects via splenocyte function and NK anti-tumor activity. *Food Science and Biotechnology*, **2018**, 27, 1023-1030	3	7
183	New Cytotoxic Benzonitrile Glycosides from Brugmansia arborea Flowers. *Bulletin of the Korean Chemical Society*, **2018**, 39, 687-690	1.2	3
182	Skin depigmenting action of silkworm (Bombyx mori L.) droppings in zebrafish. *Archives of Dermatological Research*, **2018**, 310, 245-253	3.3	9
181	Synthesis of Stachyobifiose Using Bifidobacterial □Galactosidase Purified from Recombinant Escherichia coli. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 1184-1190	5.7	6
180	GH57 amylopullulanase from Desulfurococcus amylolyticus JCM 9188 can make highly branched cyclodextrin via its transglycosylation activity. *Enzyme and Microbial Technology*, **2018**, 114, 15-21	3.8	8
179	Glycosyl glycerides from the aerial parts of Malva verticillata and their chemopreventive effects. *Bioorganic Chemistry*, **2018**, 78, 381-392	5.1	8
178	Rare ginsenoside Ia synthesized from F1 by cloning and overexpression of the UDP-glycosyltransferase gene from : synthesis, characterization, and melanogenesis□inhibition activity in BL6B16 cells. *Journal of Ginseng Research*, **2018**, 42, 42-49	5.8	32
177	Antihypertensive Effect of Ethanolic Extract from Fruits and Quality Control of Active Compounds. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 5158243	6.7	8
176	Flavonoid 8-O-Glucuronides from the Aerial Parts of Malva verticillata and Their Recovery Effects on Alloxan-Induced Pancreatic Islets in Zebrafish. *Molecules*, **2018**, 23,	4.8	14

175	Isolation and Quantification of Ginsenoside Rh23, a New Anti-Melanogenic Compound from the Leaves of Panax ginseng. *Molecules*, **2018**, 23,	4.8	10
174	Glycosyl glycerides from the stems of 'Baekma' cultivar of Chrysanthemum morifolium. *Journal of Applied Biological Chemistry*, **2018**, 61, 131-134	0.7	1
173	Neuroprotective effects of phenolic compounds isolated from Spiraea prunifolia var. simpliciflora. *Journal of Applied Biological Chemistry*, **2018**, 61, 397-403	0.7	2
172	Ginsenosides from the fruits of Panax ginseng and their cytotoxic effects on human cancer cell lines. *Journal of Applied Biological Chemistry*, **2018**, 61, 371-377	0.7	
171	Phenolic Compounds from the Aerial Parts of Malva verticillata and their Anti-diabetic Effect. *Natural Product Communications*, **2018**, 13, 1934578X1801300	0.9	1
170	Enzymatic synthesis of Flavone glucoside via regioselective transglucosylation by amylosucrase from Deinococcus geothermalis. *PLoS ONE*, **2018**, 13, e0207466	3.7	17
169	UPLC-QTOF/MS-Based Metabolomics Applied for the Quality Evaluation of Four Processed Products. *Molecules*, **2018**, 23,	4.8	26
168	Phenylethanoid glycoside from Forsythia koreana (Oleaceae) flowers shows a neuroprotective effect. *Revista Brasileira De Botanica*, **2018**, 41, 523-528	1.2	7
167	Dineolignans of 3-O-4' diphenyl ether-type from fruits of Magnolia obovata. *Phytochemistry*, **2017**, 136, 133-140	4	7
166	New Iridoid from the Stems of Viburnum erosum. *Chemistry of Natural Compounds*, **2017**, 53, 265-268	0.7	2
165	Guaiane Sesquiterpenes from the Rhizome of Curcuma xanthorrhiza and Their Inhibitory Effects on UVB-induced MMP-1 Expression in Human Keratinocytes. *Natural Product Communications*, **2017**, 12, 1934578X1701201	0.9	
164	Phenylpropanoids from Lilium Asiatic hybrid flowers and their anti-inflammatory activities. *Applied Biological Chemistry*, **2017**, 60, 527-533	2.9	19
163	Apoptotic Effect of Astragalin in Melanoma Skin Cancers via Activation of Caspases and Inhibition of Sry-related HMg-Box Gene 10. *Phytotherapy Research*, **2017**, 31, 1614-1620	6.7	18
162	Comprehensive Profiling and Quantification of Ginsenosides in the Root, Stem, Leaf, and Berry of Panax ginseng by UPLC-QTOF/MS. *Molecules*, **2017**, 22,	4.8	52
161	Canadine from Corydalis turtschaninovii Stimulates Myoblast Differentiation and Protects against Myotube Atrophy. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	14
160	Mass Spectrometry Based Profiling and Imaging of Various Ginsenosides from Panax ginseng Roots at Different Ages. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	15
159	Evaluation for the flowers of compositae plants as whitening cosmetics functionality. *Journal of Applied Biological Chemistry*, **2017**, 60, 5-11	0.7	3
158	Isoprenylated flavonoids from the root bark of Morus alba L. and their inhibition effect on NO production in LPS-induced RAW 264.7 cells. *Journal of Applied Biological Chemistry*, **2017**, 60, 109-111	0.7	2

157	Synthesis of Galactooligosaccharide Using Bifidobacterial Galactosidase Purified from Recombinant. *Journal of Microbiology and Biotechnology*, **2017**, 27, 1392-1400	3.3	16
156	Glycosylation Enhances the Physicochemical Properties of Caffeic Acid Phenethyl Ester. *Journal of Microbiology and Biotechnology*, **2017**, 27, 1916-1924	3.3	8
155	Phytochemical constituents from the florets of tiger grass Thysanolaena latifolia from Nepal. *Journal of Asian Natural Products Research*, **2016**, 18, 206-13	1.5	0
154	Dehydrocorydaline promotes myogenic differentiation via p38 MAPK activation. *Molecular Medicine Reports*, **2016**, 14, 3029-36	2.9	10
153	A New Neolignan, Isoobovatol, from the Fruits of Magnolia obovata. *Chemistry of Natural Compounds*, **2016**, 52, 986-988	0.7	2
152	Phytochemical Investigation of Rhus parviflora Fruit from Nepal. *Chemistry of Natural Compounds*, **2016**, 52, 715-718	0.7	1
151	Red pigment produced by Zooshikella ganghwensis inhibited the growth of human cancer cell lines and MMP-1 gene expression. *Applied Biological Chemistry*, **2016**, 59, 567-571	2.9	5
150	Neolignans from the Fruits of Magnolia obovata Inhibit NO Production and Have Neuroprotective Effects. *Helvetica Chimica Acta*, **2016**, 99, 411-415	2	5
149	Phytochemical Constituents of the Urena lobata Fruit. *Chemistry of Natural Compounds*, **2016**, 52, 178-180	0.7	1
148	Identification of bitter components from Pamp. *Food Science and Biotechnology*, **2016**, 25, 27-32	3	2
147	Enhanced anti-immobility effects of Sanggenon G isolated from the root bark of Morus alba combined with the 2-antagonist yohimbine in the rat forced swim test. *Journal of Natural Medicines*, **2016**, 70, 679-82	3.3	2
146	Diels-Alder type adducts from the fruits ofMorus albaL.. *Journal of Applied Biological Chemistry*, **2016**, 59, 91-94	0.7	3
145	Phenolic compounds from the leaves of eggplant (Solanum melongenaL.). *Journal of Applied Biological Chemistry*, **2016**, 59, 103-106	0.7	3
144	Acceptor Specificity of Amylosucrase from Deinococcus radiopugnans and Its Application for Synthesis of Rutin Derivatives. *Journal of Microbiology and Biotechnology*, **2016**, 26, 1845-1854	3.3	19
143	Triterpenoids from the fruits ofPrunus davidiana. *Journal of Applied Biological Chemistry*, **2016**, 59, 155-158	0.7	1
142	Flavonoid Glycosides from the Flowers ofPulsatilla koreanaNakai. *Natural Product Sciences*, **2016**, 22, 41	1.1	9
141	Three New Isoprenylated Flavonoids from the Root Bark of Morus alba. *Molecules*, **2016**, 21,	4.8	9
140	c-Jun N-terminal Kinase-Dependent Endoplasmic Reticulum Stress Pathway is Critically Involved in Arjunic Acid Induced Apoptosis in Non-Small Cell Lung Cancer Cells. *Phytotherapy Research*, **2016**, 30, 596-603	6.7	15

139	Berberine Decreased Inducible Nitric Oxide Synthase mRNA Stability through Negative Regulation of Human Antigen R in Lipopolysaccharide-Induced Macrophages. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 358, 3-13	4.7	13
138	Magnobovatol inhibits smooth muscle cell migration by suppressing PDGF-R□phosphorylation and inhibiting matrix metalloproteinase-2 expression. *International Journal of Molecular Medicine*, **2016**, 37, 1239-46	4.4	9
137	Obovatol Induces Apoptosis in Non-small Cell Lung Cancer Cells via C/EBP Homologous Protein Activation. *Phytotherapy Research*, **2016**, 30, 1841-1847	6.7	8
136	Apoptotic Effect of Sanggenol L via Caspase Activation and Inhibition of NF-Β Signaling in Ovarian Cancer Cells. *Phytotherapy Research*, **2016**, 30, 90-6	6.7	7
135	Recovery effect of phenylpropanoid glycosides from Magnolia obovata fruit on alloxan-induced pancreatic islet damage in zebrafish (Danio rerio). *Carbohydrate Research*, **2015**, 416, 70-4	2.9	7
134	The potential of minor ginsenosides isolated from the leaves of Panax ginseng as inhibitors of melanogenesis. *International Journal of Molecular Sciences*, **2015**, 16, 1677-90	6.3	17
133	Glycosyl glycerides from hydroponic Panax ginseng inhibited NO production in lipopolysaccharide-stimulated RAW264.7 cells. *Journal of Ginseng Research*, **2015**, 39, 162-8	5.8	9
132	Two new isoarylbenzofuran diglucosides from the root bark of Morus alba. *Journal of Asian Natural Products Research*, **2015**, 17, 357-63	1.5	2
131	Neuroprotective effect of prenylated arylbenzofuran and flavonoids from morus alba fruits on glutamate-induced oxidative injury in HT22 hippocampal cells. *Journal of Medicinal Food*, **2015**, 18, 403-8	2.8	42
130	Phenylethanoid Glycosides from the Fruits of Magnolia obovata. *Chemistry of Natural Compounds*, **2015**, 51, 660-665	0.7	6
129	Germacrane sesquiterpenes isolated from the rhizome of Curcuma xanthorrhiza Roxb. inhibit UVB-induced upregulation of MMP-1, -2, and -3 expression in human keratinocytes. *Archives of Pharmacal Research*, **2015**, 38, 1752-60	6.1	7
128	Chemopreventive effects of standardized ethanol extract from the aerial parts of Artemisia princeps Pampanini cv. Sajabal via NF-Β inactivation on colitis-associated colon tumorigenesis in mice. *Food and Chemical Toxicology*, **2015**, 75, 14-23	4.7	12
127	Lignan and flavonoids from the stems of Zea mays and their anti-inflammatory and neuroprotective activities. *Archives of Pharmacal Research*, **2015**, 38, 178-85	6.1	13
126	Lignans and neolignans from the stems of Vibrunum erosum and their neuroprotective and anti-inflammatory activity. *Archives of Pharmacal Research*, **2015**, 38, 26-34	6.1	44
125	Flavonoid analysis of buckwheat sprouts. *Food Chemistry*, **2015**, 170, 97-101	8.5	62
124	Cynandione A attenuates lipopolysaccharide-induced production of inflammatory mediators via MAPK inhibition and NF-Β inactivation in RAW264.7 macrophages and protects mice against endotoxin shock. *Experimental Biology and Medicine*, **2015**, 240, 946-54	3.7	21
123	Feruloyl Sucrose Esters from Oryza sativa Roots and Their Tyrosinase Inhibition Activity. *Chemistry of Natural Compounds*, **2015**, 51, 1094-1098	0.7	9
122	Antimelanogenic Effects of Picrionoside A Isolated from the Leaves of Korean Ginseng. *Biological and Pharmaceutical Bulletin*, **2015**, 38, 1663-7	2.3	6

121	Antidepressant-Like Effects of Sanggenon G, Isolated from the Root Bark of Morus alba, in Rats: Involvement of the Serotonergic System. *Biological and Pharmaceutical Bulletin*, **2015**, 38, 1772-8	2.3	9
120	A new pregnane hexaglycoside from Adonis multiflora **2015**, 58, 895-899		3
119	Diterpenes from the roots of Oryza sativa L. and their inhibition activity on NO production in LPS-stimulated RAW264.7 macrophages. *Chemistry and Biodiversity*, **2015**, 12, 1356-64	2.5	12
118	Activation of Caspase-9/3 and Inhibition of Epithelial Mesenchymal Transition are Critically Involved in Antitumor Effect of Phytol in Hepatocellular Carcinoma Cells. *Phytotherapy Research*, **2015**, 29, 1026-31	6.7	24
117	New flavonolignan glycosides from the aerial parts of Zizania latifolia. *Molecules*, **2015**, 20, 5616-24	4.8	20
116	Two New Cytototoxic Cardenolides from the Whole Plants of Adonis multiflora Nishikawa & Koki Ito. *Molecules*, **2015**, 20, 20823-31	4.8	3
115	Isoprenylated flavonoids from the root bark of Morus alba and their hepatoprotective and neuroprotective activities. *Archives of Pharmacal Research*, **2015**, 38, 2066-75	6.1	42
114	New hydroxy fatty acid from the root bark of Morus alba L. **2015**, 58, 541-543		2
113	Flavonoids from Fragaria ananassa calyx and their antioxidant capacities **2015**, 58, 787-793		10
112	Phenylglycosides from the Stems of Spiraea prunifolia var. simpliciflora. *Chemistry of Natural Compounds*, **2015**, 51, 873-876	0.7	2
111	Inhibition effect of phenyl compounds from the Oryza sativa roots on melanin production in murine B16-F10 melanoma cells. *Natural Product Research*, **2015**, 29, 1052-4	2.3	12
110	Recovery Effect of Flavonoids from Morus alba Fruits on Alloxan-induced Pancreatic Islet in Zebrafish (Dinio rerio). *Journal of Applied Biological Chemistry*, **2015**, 58, 51-54	0.7	2
109	Isolation and Identification of Triterpenoids and Sterols from the Flowers of Chionanthus retusus Lindl. & Paxton. *Journal of Applied Biological Chemistry*, **2015**, 58, 237-240	0.7	1
108	Low Density Lipoprotein-oxidation Inhibitory Phytochemicals from the Fruits of Rhus parviflora. *Journal of Applied Biological Chemistry*, **2015**, 58, 109-112	0.7	
107	A new flavonoid glycoside from the root bark of Morus alba L. *Natural Product Research*, **2014**, 28, 1859-63	2.3	4
106	Flavonoids from Pueraria mirifica roots and quantitative analysis using HPLC. *Food Science and Biotechnology*, **2014**, 23, 1815-1820	3	8
105	New Hydroxy Fatty Acids from Bombyx mori Droppings. *Chemistry of Natural Compounds*, **2014**, 50, 801-803	0.7	1
104	New Bisabolane Sesquiterpenes from the Rhizomes of Curcuma xanthorrhiza Roxb. and Their Inhibitory Effects on UVB-Induced MMP-1 Expression in Human Keratinocytes. *Helvetica Chimica Acta*, **2014**, 97, 438-446	2	9

103	Jaceosidin, a natural flavone, promotes angiogenesis via activation of VEGFR2/FAK/PI3K/AKT/NF-Β signaling pathways in endothelial cells. *Experimental Biology and Medicine*, **2014**, 239, 1325-34	3.7	21
102	Flavonoids from Lindera glauca Blume as low-density lipoprotein oxidation inhibitors. *Natural Product Research*, **2014**, 28, 831-4	2.3	19
101	Phenolic compounds from the stems of Zea mays and their pharmacological activity **2014**, 57, 379-385		2
100	Inhibition of NO production in LPS-stimulated RAW264.7 macrophage cells with curcuminoids and xanthorrhizol from the rhizome of Curcuma xanthorrhiza Roxb. and quantitative analysis using HPLC **2014**, 57, 407-412		3
99	Re-evaluation of physicochemical and NMR data of triol ginsenosides Re, Rf, Rg2, and 20-gluco-Rf from Panax ginseng roots. *Journal of Ginseng Research*, **2014**, 38, 116-22	5.8	9
98	The stimulatory effects of Stewartia koreana extract on the proliferation and migration of fibroblasts and the wound healing activity of the extract in mice. *International Journal of Molecular Medicine*, **2014**, 34, 145-52	4.4	13
97	Flavonoids from Machilus japonica stems and their inhibitory effects on LDL oxidation. *International Journal of Molecular Sciences*, **2014**, 15, 16418-29	6.3	12
96	Antidepressant-like effects of the ethyl acetate soluble fraction of the root bark of Morus alba on the immobility behavior of rats in the forced swim test. *Molecules*, **2014**, 19, 7981-9	4.8	10
95	Mulberry fruit extract protects pancreatic Ɛcells against hydrogen peroxide-induced apoptosis via antioxidative activity. *Molecules*, **2014**, 19, 8904-15	4.8	13
94	Synthesis and biological evaluation of a novel baicalein glycoside as an anti-inflammatory agent. *European Journal of Pharmacology*, **2014**, 744, 147-56	5.3	27
93	Tetrahydropalmatine promotes myoblast differentiation through activation of p38MAPK and MyoD. *Biochemical and Biophysical Research Communications*, **2014**, 455, 147-52	3.4	17
92	Iridoids from the stems of Viburnum erosum. *Holzforschung*, **2014**, 68, 761-767	2	4
91	Standardized ethyl acetate fraction from the roots of Brassica rapa attenuates the experimental arthritis by down regulating inflammatory responses and inhibiting NF-Β activation. *Food and Chemical Toxicology*, **2014**, 66, 96-106	4.7	6
90	Procyanidins from the stem wood of Machilus japonica and their inhibitory effect on LDL oxidation. *Archives of Pharmacal Research*, **2014**, 37, 1403-10	6.1	4
89	Norsesquiterpenes from the Roots of White Kwao Krua (Pueraria mirifica). *Journal of Applied Biological Chemistry*, **2014**, 57, 347-352	0.7	1
88	Isolation and Identification of Adenosine and Phlomuroside from the Aerial Parts of Oryza sativa L.. *Journal of Applied Biological Chemistry*, **2014**, 57, 321-324	0.7	
87	A new miroestrol glycoside from the roots of Pueraria mirifica. *Chemistry of Natural Compounds*, **2013**, 49, 443-445	0.7	4
86	Comparative analysis of physicochemicals and antioxidative properties in new red rice (Oryza sativa L. cv. Gunganghongmi). *Journal of Crop Science and Biotechnology*, **2013**, 16, 63-68	1.2	10

85	A new phenanthrene derivative and two diarylheptanoids from the roots of Brassica rapa ssp. campestris inhibit the growth of cancer cell lines and LDL-oxidation. *Archives of Pharmacal Research* , **2013**, 36, 423-9	6.1	14
84	Flavonoids from the fruits of Nepalese sumac (Rhus parviflora) attenuate glutamate-induced neurotoxicity in HT22 cells. *Food Science and Biotechnology*, **2013**, 22, 895-902	3	14
83	Protective effects of 6-hydroxy-1-methylindole-3-acetonitrile on cisplatin-induced oxidative nephrotoxicity via Nrf2 inactivation. *Food and Chemical Toxicology*, **2013**, 62, 159-66	4.7	12
82	Potential neuroprotective flavonoid-based inhibitors of CDK5/p25 from Rhus parviflora. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 5150-4	2.9	24
81	Phenolic components from Rhus parviflora fruits and their inhibitory effects on lipopolysaccharide-induced nitric oxide production in RAW 264.7 macrophages. *Natural Product Research*, **2013**, 27, 2244-7	2.3	8
80	Phenolic Compounds from the Roots of Brassica rapa ssp. campestris. *Chemistry of Natural Compounds*, **2013**, 49, 852-856	0.7	11
79	Three New Ginsenosides from the Heat-Processed Roots of Panax ginseng. *Chemistry of Natural Compounds*, **2013**, 49, 882-887	0.7	10
78	Carbohydrate derivatives from the roots of Brassica rapa ssp. campestris and their effects on ROS production and glutamate-induced cell death in HT-22 cells. *Carbohydrate Research*, **2013**, 372, 9-14	2.9	20
77	3-O-Acetyloleanolic acid exhibits anti-angiogenic effects and induces apoptosis in human umbilical vein endothelial cells. *Biotechnology Letters*, **2013**, 35, 1807-15	3	6
76	Neolignans from the fruits of Magnolia obovata and their inhibition effect on NO production in LPS-induced RAW 264.7 cells. *Planta Medica*, **2013**, 79, 1335-40	3.1	12
75	Triterpenoids from Fragaria ananassa calyx and their inhibitory effects on melanogenesis in B16-F10 mouse melanoma cells. *Natural Product Research*, **2013**, 27, 2219-23	2.3	11
74	Quality evaluation of Panax ginseng roots using a rapid resolution LC-QTOF/MS-based metabolomics approach. *Molecules*, **2013**, 18, 14849-61	4.8	17
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