

Eun-Kyoung Seo

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,369
citations

304743

22
h-index

454955

30
g-index

83
all docs

83
docs citations

83
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	Baicalin and baicalein inhibit transforming growth factor- β 1-mediated epithelial-mesenchymal transition in human breast epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 707-713.	2.1	69
2	<i>Angelica keiskei</i> , an emerging medicinal herb with various bioactive constituents and biological activities. <i>Archives of Pharmacal Research</i> , 2017, 40, 655-675.	6.3	53
3	Psoralidin, a coumestan analogue, as a novel potent estrogen receptor signaling molecule isolated from <i>Psoralea corylifolia</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1403-1406.	2.2	52
4	Cytotoxic constituents of <i>Psoralea corylifolia</i> . <i>Archives of Pharmacal Research</i> , 2001, 24, 211-213.	6.3	49
5	Cyclooxygenase-2 Inhibitory Phenylbutenoids from the Rhizomes of <i>Zingiber cassumunar</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 1466-1468.	1.3	48
6	Anti-epileptic activity of daidzin in PTZ-induced mice model by targeting oxidative stress and BDNF/VEGF signaling. <i>NeuroToxicology</i> , 2020, 79, 150-163.	3.0	42
7	New Compounds with DNA Strand-Scission Activity from the Combined Leaf and Stem of <i>Uvaria hamiltonii</i> . <i>Journal of Natural Products</i> , 1998, 61, 446-450.	3.0	40
8	Spiroindole Alkaloids and Spiroditerpenoids from <i>Aspergillus duricaulis</i> and Their Potential Neuroprotective Effects. <i>Journal of Natural Products</i> , 2015, 78, 2572-2579.	3.0	37
9	Heme oxygenase-1-mediated anti-inflammatory effects of tussilagonone on macrophages and 12- <i>O</i> -tetradecanoylphorbol-13-acetate-induced skin inflammation in mice. <i>International Immunopharmacology</i> , 2016, 34, 155-164.	3.8	36
10	Suppression of TRPV1/TRPM8/P2Y Nociceptors by Withametelin via Downregulating MAPK Signaling in Mouse Model of Vincristine-Induced Neuropathic Pain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6084.	4.1	36
11	Euphorbia factor L1 inhibits osteoclastogenesis by regulating cellular redox status and induces Fas-mediated apoptosis in osteoclast. <i>Free Radical Biology and Medicine</i> , 2017, 112, 191-199.	2.9	34
12	Alleviation of Memory Deficit by Bergenin via the Regulation of Reelin and Nrf-2/NF- κ B Pathway in Transgenic Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6603.	4.1	31
13	Neuroprotective effect of 25-Methoxyhispidol A against CCl ₄ -induced behavioral alterations by targeting VEGF/BDNF and caspase-3 in mice. <i>Life Sciences</i> , 2020, 253, 117684.	4.3	29
14	Dehydrocostus lactone, a sesquiterpene from <i>Saussurea lappa</i> Clarke, suppresses allergic airway inflammation by binding to dimerized translationally controlled tumor protein. <i>Phytomedicine</i> , 2018, 43, 46-54.	5.3	28
15	Continentalic acid exhibited nephroprotective activity against the LPS and <i>E. coli</i> -induced kidney injury through inhibition of the oxidative stress and inflammation. <i>International Immunopharmacology</i> , 2020, 80, 106209.	3.8	28
16	A New Cytotoxic Phenylbutenoid Dimer from the Rhizomes of <i>Zingiber cassumunar</i> . <i>Planta Medica</i> , 2004, 70, 1095-1097.	1.3	26
17	Peroxynitrite-Scavenging Glycosides from the Stem Bark of <i>Catalpa ovata</i> . <i>Journal of Natural Products</i> , 2017, 80, 2240-2251.	3.0	24
18	Metabolomics approach for the discrimination of raw and steamed <i>Gastrodia elata</i> using liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 132-138.	2.8	23

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19	Tuberostemonine N, an active compound isolated from <i>Stemona tuberosa</i> , suppresses cigarette smoke-induced sub-acute lung inflammation in mice. <i>Phytomedicine</i> , 2016, 23, 79-86.	5.3	23
20	Skullcapflavone II Inhibits Degradation of Type I Collagen by Suppressing MMP-1 Transcription in Human Skin Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2734.	4.1	23
21	Growth Inhibition and Induction of G1 Phase Cell Cycle Arrest in Human Lung Cancer Cells by a Phenylbutenoid Dimer Isolated from <i>Zingiber cassumunar</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1561-1564.	1.4	22
22	A metabolomic approach to determine the geographical origins of <i>Anemarrhena asphodeloides</i> by using UPLC-QTOF MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 47-52.	2.8	22
23	7 ² -(3-Ethyl-cis-crotonoyloxy)-1 [±] -(2-methylbutyryloxy)-3,14-dehydro-Z Notonipetranone Attenuates Neuropathic Pain by Suppressing Oxidative Stress, Inflammatory and Pro-Apoptotic Protein Expressions. <i>Molecules</i> , 2021, 26, 181.	3.8	22
24	Skullcapflavone II inhibits osteoclastogenesis by regulating reactive oxygen species and attenuates the survival and resorption function of osteoclasts by modulating integrin signaling. <i>FASEB Journal</i> , 2019, 33, 2026-2036.	0.5	21
25	Chalcones from <i>Angelica keiskei</i> : Evaluation of Their Heat Shock Protein Inducing Activities. <i>Journal of Natural Products</i> , 2015, 78, 2481-2487.	3.0	20
26	Chemical constituents isolated from the Mongolian medicinal plant <i>Sophora alopecuroides</i> L. and their inhibitory effects on LPS-induced nitric oxide production in RAW 264.7 macrophages. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3314-3318.	2.2	19
27	Chemical Constituents of the Leaves of <i>Brassica oleracea</i> var. <i>acephala</i> . <i>Chemistry of Natural Compounds</i> , 2018, 54, 1023-1026.	0.8	19
28	Dehydrocostus lactone suppresses osteoclast differentiation by regulating NFATc1 and inhibits osteoclast activation through modulating migration and lysosome function. <i>FASEB Journal</i> , 2019, 33, 9685-9694.	0.5	19
29	A New 9,10-Dihydrophenanthrene and Cell Proliferative 3,4-Dehydrotocopherols from <i>Stemona tuberosa</i> . <i>Molecules</i> , 2015, 20, 5965-5974.	3.8	18
30	Small molecule activator of Nm23/NDPK as an inhibitor of metastasis. <i>Scientific Reports</i> , 2018, 8, 10909.	3.3	16
31	Phytochemicals and Bioactivities of <i>Zingiber cassumunar</i> Roxb. <i>Molecules</i> , 2021, 26, 2377.	3.8	16
32	Identification of cytoprotective constituents of the flower buds of <i>Tussilago farfara</i> against glucose oxidase-induced oxidative stress in mouse fibroblast NIH3T3 cells and human keratinocyte HaCaT cells. <i>Archives of Pharmacal Research</i> , 2016, 39, 474-480.	6.3	15
33	Triterpenoids from the Leaves of <i>Centella asiatica</i> Inhibit Ionizing Radiation-Induced Migration and Invasion of Human Lung Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-7.	1.2	15
34	The quinone-based derivative, HMNQ induces apoptotic and autophagic cell death by modulating reactive oxygen species in cancer cells. <i>Oncotarget</i> , 2017, 8, 99637-99648.	1.8	15
35	Potent modulation of β -glycoprotein activity by naturally occurring phenylbutenoids from <i>Zingiber cassumunar</i> . <i>Phytotherapy Research</i> , 2009, 23, 472-476.	5.8	14
36	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.	1.6	14

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37	Identification of new pyrrole alkaloids from the fruits of <i>Lycium chinense</i> . Archives of Pharmacal Research, 2016, 39, 321-327.	6.3	14
38	Tussilagonone-induced Nrf2 pathway activation protects HepG2 cells from oxidative injury. Food and Chemical Toxicology, 2017, 108, 120-127.	3.6	14
39	Furanocoumarins from the Roots of <i>Angelica dahurica</i> with Inhibitory Activity against Intracellular Reactive Oxygen Species Accumulation. Journal of Natural Products, 2019, 82, 2601-2607.	3.0	14
40	Icariin attenuates cyclophosphamide-induced cystitis via down-regulation of NF- κ B and up-regulation of Nrf-2/HO-1 signaling pathways in mice model. International Immunopharmacology, 2022, 106, 108604.	3.8	14
41	A Validated LC Method for Simultaneous Determination of Phenolic, Coumarin and Phthalide Compounds in the Ethanolic Extract of <i>Angelica tenuissima</i> . Chromatographia, 2009, 70, 1079-1085.	1.3	13
42	Two New Phenolic Compounds from the Rhizomes of <i>Gastrodia elata</i> Blume. Helvetica Chimica Acta, 2011, 94, 1310-1314.	1.6	13
43	Identification of Three New Flavonoids from the Peels of Citrus unshiu. Helvetica Chimica Acta, 2012, 95, 240-245.	1.6	13
44	Quantitative analysis of betaine in Lycii Fructus by HILIC-ELSD. Archives of Pharmacal Research, 2013, 36, 1231-1237.	6.3	13
45	N-Acetyldopamine derivatives from <i>Periostracum Cicadae</i> and their regulatory activities on Th1 and Th17 cell differentiation. Bioorganic Chemistry, 2020, 102, 104095.	4.1	13
46	Eudesmane and Eremophilane Sesquiterpenes from the Fruits of <i>Alpinia oxyphylla</i> with Protective Effects against Oxidative Stress in Adipose-Derived Mesenchymal Stem Cells. Molecules, 2021, 26, 1762.	3.8	13
47	A new secoiridoid glycoside from the fruits of <i>Cornus officinalis</i> (Cornaceae). Natural Product Research, 2016, 30, 1504-1510.	1.8	12
48	Cytotoxic Compounds from <i>Juglans sinensis</i> Dode Display Anti-Proliferative Activity by Inducing Apoptosis in Human Cancer Cells. Molecules, 2016, 21, 120.	3.8	11
49	Two new naphthalenic lactone glycosides from <i>Cassia obtusifolia</i> L. seeds. Archives of Pharmacal Research, 2018, 41, 737-742.	6.3	11
50	Anti-allergic activities of Umbelliferone against histamine- and Picryl chloride-induced ear edema by targeting Nrf2/iNOS signaling in mice. BMC Complementary Medicine and Therapies, 2021, 21, 215.	2.7	11
51	(E)-4-(3,4-Dimethoxyphenyl)but-3-en-1-ol Enhances Melanogenesis through Increasing Upstream Stimulating Factor-1-Mediated Tyrosinase Expression. PLoS ONE, 2015, 10, e0141988.	2.5	10
52	4-Hydroxybenzyl methyl ether improves learning and memory in mice via the activation of dopamine D1 receptor signaling. Neurobiology of Learning and Memory, 2015, 121, 30-38.	1.9	10
53	Cytoprotective dihydronaphthalenones from the wood of <i>Catalpa ovata</i> . Phytochemistry, 2018, 147, 14-20.	2.9	10
54	Plants as Sources of Drugs. ACS Symposium Series, 1996, , 179-193.	0.5	9

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55	In Vitro and in Vivo Evaluation of Phenylbutenoid Dimers as Inhibitors of P-Glycoprotein. <i>Journal of Natural Products</i> , 2013, 76, 2277-2281.	3.0	9
56	Pharmacological mechanism of xanthoangelol underlying Nrf-2/TRPV1 and anti-apoptotic pathway against scopolamine-induced amnesia in mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113073.	5.6	9
57	Synthesis and Biological Activity of Optically Active Phenylbutenoid Dimers. <i>Journal of Natural Products</i> , 2011, 74, 1817-1821.	3.0	8
58	Isolation of a new phenylpropanoid from <i>Codonopsis ussuriensis</i> . <i>Archives of Pharmacal Research</i> , 1990, 13, 365-366.	6.3	7
59	Simultaneous quantitation and validation of method for the quality evaluation of <i>Eucommiae cortex</i> by HPLC/UV. <i>Archives of Pharmacal Research</i> , 2015, 38, 2183-2192.	6.3	7
60	Chemical Constituents of <i>Physalis alkekengi</i> var. <i>franchetii</i> . <i>Chemistry of Natural Compounds</i> , 2015, 51, 1160-1161.	0.8	7
61	Anti-Inflammatory Effects of Catalpalactone Isolated from <i>Catalpa ovata</i> in LPS-Induced RAW264.7 Cells. <i>Molecules</i> , 2019, 24, 1236.	3.8	7
62	Identification of Six New Minor Diarylheptanoids from the Seeds of <i>Alpinia katsumadai</i> . <i>Helvetica Chimica Acta</i> , 2013, 96, 1670-1680.	1.6	6
63	Constituents of the leaves and twigs of <i>Elaeagnus umbellata</i> and their proliferative effects on human keratinocyte HaCaT cells. <i>FÄ-toterapÄ-Äc</i> , 2019, 139, 104374.	2.2	6
64	Comprehensive in vivo and in silico approaches to explore the hepatoprotective activity of poncirin against paracetamol toxicity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 195-215.	3.0	6
65	Utilization of circular dichroism experiment to distinguish acanthoside D and eleutheroside E. <i>Archives of Pharmacal Research</i> , 2015, 38, 1921-1925.	6.3	5
66	Discrimination of <i>Lycium chinense</i> and <i>L. barbarum</i> Based on Metabolite Analysis and Hepatoprotective Activity. <i>Molecules</i> , 2020, 25, 5835.	3.8	5
67	Chemical Constituents of the Radices of <i>Angelica tenuissima</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 529-530.	0.8	4
68	A New Naphthalenic Lactone Glycoside from the Seeds of <i>Cassia obtusifolia</i> . <i>Chemistry of Natural Compounds</i> , 2017, 53, 429-431.	0.8	4
69	Phytochemical Study of the Low Polar Constituents of <i>Pinellia ternata</i> . <i>Chemistry of Natural Compounds</i> , 2017, 53, 1152-1153.	0.8	4
70	Allergic Inflammation Caused by Dimerized Translationally Controlled Tumor Protein is Attenuated by Cardamonin. <i>Frontiers in Pharmacology</i> , 2021, 12, 765521.	3.5	4
71	Three New Chalcones from the Aerial Parts of <i>Angelica keiskei</i> . <i>Helvetica Chimica Acta</i> , 2016, 99, 393-397.	1.6	3
72	Chemical Constituents of the Leaves of <i>Vitis labruscana</i> cv. Steuben. <i>Chemistry of Natural Compounds</i> , 2017, 53, 958-960.	0.8	3

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73	Isoquinoline Alkaloids from <i>Corydalis pallida</i> . <i>Chemistry of Natural Compounds</i> , 2018, 54, 1020-1022.	0.8	3
74	Inhibitory Effects of Furanocoumarins From the Roots of <i>Angelica dahurica</i> on Ionizing Radiation-Induced Migration of A549 Human Non-Small Cell Lung Cancer Cells. <i>Natural Product Communications</i> , 2020, 15, 1934578X2091503.	0.5	3
75	Sesquiterpenoids from <i>Curcuma phaeocaulis</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 552-553.	0.8	2
76	Identification of Phytochemicals From the Caulis of <i>Lonicera japonica</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 918-919.	0.8	2
77	Minor phenolics from <i>Angelica keiskei</i> and their proliferative effects on Hep3B cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3065-3070.	2.2	2
78	Anti-Inflammatory Effect of Three Isolated Compounds of <i>Physalis alkekengi</i> var. <i>franchetii</i> (PAF) in Lipopolysaccharide-Activated RAW 264.7 Cells. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1407-1416.	2.4	2
79	Identification of Two New Lactams from the Hulled Seeds of <i>Coix lachryma-jobi</i> var. <i>maeyuen</i> . <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2401-2403.	1.9	1
80	Constituents of the Leaves of <i>Verbascum blattaria</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	1
81	Oligostilbenoids from <i>Vitis vinifera</i> cv. Muscat of Alexandria. <i>Chemistry of Natural Compounds</i> , 2015, 51, 937-938.	0.8	1