

# Ik-Soo Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,160  
citations

331670

21  
h-index

233421

45  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of betulinic acid as a selective inhibitor of human melanoma that functions by induction of apoptosis. <i>Nature Medicine</i> , 1995, 1, 1046-1051.	30.7	748
2	Anti-inflammatory activity of xanthohumol involves heme oxygenase-1 induction via NRF2-ARE signaling in microglial BV2 cells. <i>Neurochemistry International</i> , 2011, 58, 153-160.	3.8	181
3	Metabolism of antimalarial sesquiterpene lactones. , 1990, 48, 345-355.		126
4	Antioxidant flavone glycosides from the leaves of <i>Sasa borealis</i> . <i>Archives of Pharmacal Research</i> , 2007, 30, 161-166.	6.3	111
5	Plant-derived triterpenoid sweetness inhibitors. <i>Journal of Ethnopharmacology</i> , 1995, 47, 9-26.	4.1	71
6	Microbial Metabolism Studies of the Antimalarial Sesquiterpene Artemisinin. <i>Journal of Natural Products</i> , 1989, 52, 337-341.	3.0	69
7	Isoorientin induces Nrf2 pathway-driven antioxidant response through phosphatidylinositol 3-kinase signaling. <i>Archives of Pharmacal Research</i> , 2007, 30, 1590-1598.	6.3	52
8	Artesunate activates Nrf2 pathway-driven anti-inflammatory potential through ERK signaling in microglial BV2 cells. <i>Neuroscience Letters</i> , 2012, 509, 17-21.	2.1	52
9	Identification of their <i>in vivo</i> metabolites of the antimalarial arteether by thermospray high-performance liquid chromatography/mass spectrometry. <i>Biological Mass Spectrometry</i> , 1991, 20, 609-628.	0.5	46
10	Natural-product inhibitors of human DNA ligase I. <i>Biochemical Journal</i> , 1996, 314, 993-1000.	3.7	46
11	Lyso-PAF Analogues and Lysophosphatidylcholines from the Marine Sponge <i>Spirastrella abata</i> as Inhibitors of Cholesterol Biosynthesis. <i>Journal of Natural Products</i> , 1999, 62, 1554-1557.	3.0	42
12	Biopiracy of natural products and good bioprospecting practice. <i>Phytomedicine</i> , 2016, 23, 166-173.	5.3	41
13	Composition and Antioxidant Activities of Volatile Organic Compounds in Radiation-Bred <i>Coreopsis</i> Cultivars. <i>Plants</i> , 2020, 9, 717.	3.5	39
14	Structure elucidation and thermospray high-performance liquid chromatography/mass spectroscopy (HPLC/MS) of the microbial and mammalian metabolites of the antimalarial arteether. <i>Pharmaceutical Research</i> , 1990, 07, 923-927.	3.5	37
15	Thermospray mass spectroscopy/high performance liquid chromatographic identification of the metabolites formed from arteether using a rat liver microsome preparation. <i>Biomedical &amp; Environmental Mass Spectrometry</i> , 1989, 18, 337-351.	1.6	35
16	Two lanostane triterpenoids from <i>Abies koreana</i> . <i>Phytochemistry</i> , 2004, 65, 2545-2549.	2.9	33
17	Microbial Metabolism of the Prenylated Chalcone Xanthohumol. <i>Journal of Natural Products</i> , 2006, 69, 1522-1524.	3.0	33
18	A cytotoxic secocycloartenoid from <i>Abies koreana</i> . <i>Archives of Pharmacal Research</i> , 2001, 24, 527-531.	6.3	30

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19	Microbial metabolism of the environmental estrogen bisphenol A. Archives of Pharmacal Research, 2003, 26, 805-808.	6.3	30
20	A polyacetylene and flavonoids from <i>Cirsium rhinoceros</i> . Archives of Pharmacal Research, 2003, 26, 128-131.	6.3	29
21	Microbial metabolism studies of the antimalarial drug arteether. Pharmaceutical Research, 1990, 07, 199-203.	3.5	27
22	Dihydrobenzofuran Norlignans from the Leaves of <i>Cedrela sinensis</i> A. Juss. Helvetica Chimica Acta, 2010, 93, 272-276.	1.6	25
23	Microbial metabolites of 8-prenylnaringenin, an estrogenic prenylflavanone. Archives of Pharmacal Research, 2008, 31, 1241-1246.	6.3	20
24	Two New Diterpenes from the Twigs of <i>Cinnamomum cassia</i> . Helvetica Chimica Acta, 2009, 92, 2058-2062.	1.6	20
25	Microbial transformation of silybin by <i>Trichoderma koningii</i> . Bioorganic and Medicinal Chemistry Letters, 2006, 16, 790-793.	2.2	19
26	Cytotoxic caffeic acid derivatives from the rhizomes of <i>Cimicifuga heracleifolia</i> . Archives of Pharmacal Research, 2012, 35, 1559-1565.	6.3	19
27	Constituents of <i>Coreopsis lanceolata</i> Flower and Their Dipeptidyl Peptidase IV Inhibitory Effects. Molecules, 2020, 25, 4370.	3.8	19
28	Quantification of Antioxidant Phenolic Compounds in a New <i>Chrysanthemum</i> Cultivar by High-Performance Liquid Chromatography with Diode Array Detection and Electrospray Ionization Mass Spectrometry. International Journal of Analytical Chemistry, 2017, 2017, 1-8.	1.0	17
29	A new flavonol glycoside from the aerial parts of <i>Epimedium koreanum</i> Nakai. Natural Product Research, 2017, 31, 320-325.	1.8	13
30	Biotransformed Metabolites of the Hop Prenylflavanone Isoxanthohumol. Molecules, 2019, 24, 394.	3.8	12
31	Prevention of Fine Dust-Induced Vascular Senescence by <i>Humulus lupulus</i> Extract and Its Major Bioactive Compounds. Antioxidants, 2020, 9, 1243.	5.1	12
32	Microbial transformation of bavachin by <i>Absidia coerulea</i> . Phytochemistry Letters, 2016, 18, 136-139.	1.2	11
33	Extract of <i>Caragana sinica</i> as a potential therapeutic option for increasing alpha-secretase gene expression. Phytomedicine, 2015, 22, 1027-1036.	5.3	10
34	Microbial metabolism of prenylated apigenin derivatives by <i>Mucor hiemalis</i> . Phytochemistry Letters, 2016, 16, 197-202.	1.2	8
35	Regulatory effects of 4-methoxychalcone on adipocyte differentiation through PPAR $\alpha$ activation and reverse effect on TNF- $\alpha$ in 3T3-L1 cells. Food and Chemical Toxicology, 2017, 106, 17-24.	3.6	8
36	Identification of Two New Phenanthrenes from <i>Dendrobii Herba</i> and Their Cytotoxicity towards Human Hypopharynx Squamous Carcinoma Cell (FaDu). Molecules, 2019, 24, 2339.	3.8	8

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37	Biotransformation of the Phenolic Constituents from Licorice and Cytotoxicity Evaluation of Their Metabolites. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10109.	4.1	8
38	Microbial transformation of the antimalarial sesquiterpene endoperoxide dihydroartemisinin. <i>Natural Product Research</i> , 2017, 31, 883-889.	1.8	7
39	Microbial transformation of quercetin and its prenylated derivatives. <i>Natural Product Research</i> , 2018, 32, 902-908.	1.8	7
40	Microbial Transformation of Licochalcones. <i>Molecules</i> , 2020, 25, 60.	3.8	7
41	Microbial Conjugation Studies of Licochalcones and Xanthohumol. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6893.	4.1	6
42	Microbial Transformation of Prenylquercetins by <i>Mucor hiemalis</i> . <i>Molecules</i> , 2020, 25, 528.	3.8	6
43	A new ergostane-type cholesterol biosynthesis inhibitor isolated from <i>Hormoconis resiniae</i> . <i>Tetrahedron Letters</i> , 2003, 44, 7159-7162.	1.4	4
44	A cholesterol biosynthesis inhibitor from <i>Rhizopus oryzae</i> . <i>Archives of Pharmacal Research</i> , 2004, 27, 624-627.	6.3	3
45	Microbial transformation of naringenin derivatives. <i>Archives of Pharmacal Research</i> , 2017, 40, 720-726.	6.3	3
46	Microbial Transformation of Galangin Derivatives and Cytotoxicity Evaluation of Their Metabolites. <i>Catalysts</i> , 2021, 11, 1020.	3.5	2
47	Microbial transformation of icariin and its derivatives. <i>Natural Product Research</i> , 2022, 36, 4103-4113.	1.8	2
48	Biotransformation of (±)-Bisabolol by <i>Absidia coerulea</i> . <i>Molecules</i> , 2022, 27, 881.	3.8	2
49	Effects of Microbial Transformation on the Biological Activities of Prenylated Chalcones from <i>Angelica keiskei</i> . <i>Foods</i> , 2022, 11, 543.	4.3	2
50	Microbial Transformation of Brousochalcones A and B by <i>Aspergillus niger</i> . <i>Journal of Natural Products</i> , 2021, 84, 601-607.	3.0	1
51	Microbial Transformation of Yakuchinone A and Cytotoxicity Evaluation of Its Metabolites. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3992.	4.1	1
52	Microbial Transformation of Two Prenylated Naringenins. <i>Natural Product Sciences</i> , 2017, 23, 306.	0.9	0
53	Microbial Transformation of Flavonoids in Cultures of <i>Mucor hiemalis</i> . <i>Natural Product Communications</i> , 2020, 15, 1934578X2097774.	0.5	0
54	Microbial Glycosylation of Phenanthrene and Bibenzyls by <i>Mucor hiemalis</i> . <i>Natural Product Communications</i> , 2020, 15, 1934578X2097450.	0.5	0

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55	Microbial Transformation and Biological Activities of the Prenylated Aromatic Compounds from <i>Broussonetia kazinoki</i> . <i>Molecules</i> , 2022, 27, 1879.	3.8	0