

Dae-Young Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

946
citations

17
h-index

24
g-index

103
ext. papers

1,194
ext. citations

3.9
avg, IF

4.11
L-index

#	Paper	IF	Citations
91	Validation of a Quantification Method for Curcumin Derivatives and Their Hepatoprotective Effects on Nonalcoholic Fatty Liver Disease. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 409-432	2.9	1
90	Optimization of chiisanoside and chiisanogenin isolation from <i>Eleutherococcus sessiliflorus</i> (Rupr. & Maxim.) leaves for industrial application: A pilot study. <i>Industrial Crops and Products</i> , 2022 , 185, 115099	5.9	1
89	Three New Phthalide Glycosides from the Rhizomes of and Their Recovery Effect on Damaged Otic Hair Cells in Zebrafish. <i>Molecules</i> , 2021 , 26,	4.8	3
88	Scrophularia buergeriana Extract (Brainon) Improves Scopolamine-Induced Neuronal Impairment and Cholinergic Dysfunction in Mice through CREB-BDNF Signaling Pathway. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4286	2.6	3
87	Effects of 6,8-Diprenylgenistein on VEGF-A-Induced Lymphangiogenesis and Lymph Node Metastasis in an Oral Cancer Sentinel Lymph Node Animal Model. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
86	Effect of Ginseng Extracts on the Improvement of Osteopathic and Arthritis Symptoms in Women with Osteopenia: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Nutrients</i> , 2021 , 13,	6.7	3
85	Selecting marker substances of main producing area of <i>Codonopsis lanceolata</i> in Korea using UPLC-QTOF-MS analysis. <i>Journal of Applied Biological Chemistry</i> , 2021 , 64, 245-251	0.7	1
84	Lipids from the rhizome of <i>Cnidium officinale</i> Makino. <i>Journal of Applied Biological Chemistry</i> , 2021 , 64, 343-349	0.7	
83	A Comparative Study on Processed Products Using HR-MAS NMR-Based Metabolomics. <i>Molecules</i> , 2020 , 25,	4.8	8
82	Coreolanceolins A-E, New Flavanones from the Flowers of and Their Antioxidant and Anti-inflammatory Effects. <i>Antioxidants</i> , 2020 , 9,	7.1	8
81	Anti-Inflammatory Effect of Flavonoids from L. Flowers. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 163-171	3.3	3
80	Improvement Effect of Non-alcoholic Fatty Liver Disease by <i>Curcuma longa</i> L. Extract. <i>Korean Journal of Medicinal Crop Science</i> , 2020 , 28, 276-286	0.7	3
79	Anti-inflammatory effect of a mixture of <i>Astragalus membranaceus</i> and <i>Lithospermum erythrorhizon</i> extracts by inhibition of MAPK and NF- κ B signaling pathways in RAW264.7 cells. <i>Journal of Applied Biological Chemistry</i> , 2020 , 63, 421-428	0.7	1
78	Protective effects of extracts from the aerial parts of hydroponically cultured ginseng on alcohol-induced liver damage in mice and quantitative analysis of major ginsenosides. <i>Journal of Applied Biological Chemistry</i> , 2020 , 63, 413-420	0.7	1
77	Metabolic profiling and method validation of marker compounds from <i>Saposhnikovia Radix</i> and <i>Peucedani Japonici Radix</i> . <i>Journal of Applied Biological Chemistry</i> , 2020 , 63, 393-399	0.7	0
76	Reduction of Oxidative Stress through Activating the Nrf2 mediated HO-1 Antioxidant Efficacy Signaling Pathway by MS15, an Antimicrobial Peptide from. <i>Antioxidants</i> , 2020 , 9,	7.1	5
75	Inhibitory Effects of Thymol Isolated from <i>Curcuma longa</i> L. on Adipogenesis in HepG2 Cells. <i>Processes</i> , 2020 , 8, 1191	2.9	0

74	Response Surface Optimization of Culture Conditions for Cyclic Lipopeptide MS07 from <i>Bacillus siamensis</i> Reveals Diverse Insights Targeting Antimicrobial and Antibiofilm Activity. <i>Processes</i> , 2020 , 8, 744	2.9	5
73	<i>Scrophularia buergeriana</i> Extract Improves Memory Impairment via Inhibition of the Apoptosis Pathway in the Mouse Hippocampus. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7987	2.6	4
72	Pivotal role of PD-1/PD-L1 immune checkpoints in immune escape and cancer progression: Their interplay with platelets and FOXP3+Tregs related molecules, clinical implications and combinational potential with phytochemicals. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	3
71	Serum Metabolic Profiling Reveals Potential Anti-Inflammatory Effects of the Intake of Black Ginseng Extracts in Beagle Dogs. <i>Molecules</i> , 2020 , 25,	4.8	2
70	Syringoleosides A-H, Secoiridoids from Flowers and Their Inhibition of NO Production in LPS-Induced RAW 264.7 Cells. <i>Journal of Natural Products</i> , 2020 , 83, 2655-2663	4.9	2
69	Metabolic Changes in Serum Metabolome of Beagle Dogs Fed Black Ginseng. <i>Metabolites</i> , 2020 , 10,	5.6	4
68	Lanceoleins A-G, hydroxychalcones, from the flowers of <i>Coreopsis lanceolata</i> and their chemopreventive effects against human colon cancer cells. <i>Bioorganic Chemistry</i> , 2019 , 85, 274-281	5.1	19
67	Comparative Analysis of Panax ginseng Berries from Seven Cultivars Using UPLC-QTOF/MS and NMR-Based Metabolic Profiling. <i>Biomolecules</i> , 2019 , 9,	5.9	7
66	New furospirostane steroidal saponins from the flowers of <i>Lilium Asiatic</i> hybrids. <i>Carbohydrate Research</i> , 2019 , 481, 36-42	2.9	2
65	Antitumor Effect of Pyrogallol via miR-134 Mediated S Phase Arrest and Inhibition of PI3K/AKT/Skp2/cMyc Signaling in Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
64	Ginseng Berry Prevents Alcohol-Induced Liver Damage by Improving the Anti-Inflammatory System Damage in Mice and Quality Control of Active Compounds. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
63	Flavonoids from (Oleaceae) Flowers and Their Protective Effects against Glutamate-Induced Cell Toxicity in HT22 Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
62	Metabolomics for Age Discrimination of Ginseng Using a Multiplex Approach to HR-MAS NMR Spectroscopy, UPLC-QTOF/MS, and GC GC-TOF/MS. <i>Molecules</i> , 2019 , 24,	4.8	9
61	Simultaneous determination of various platycosides in Four Platycodon grandiflorum cultivars by UPLC-QTOF/MS. <i>Applied Biological Chemistry</i> , 2019 , 62,	2.9	6
60	Identification and quantification of major malonyl ginsenosides isolated from Panax ginseng C.A. Meyer. <i>Journal of Applied Biological Chemistry</i> , 2019 , 62, 375-384	0.7	1
59	Inhibitory Effect of Mixed Extracts Obtained from Astragali Radix and Lithospermi Radix on Matrix Metalloproteinases in IL-1β Induced SW1353 Cells and Quantitative Analysis of Active Compounds. <i>Korean Journal of Medicinal Crop Science</i> , 2019 , 27, 247-258	0.7	5
58	Isolation and quantitative analysis of metabolites from <i>Scrophularia buergeriana</i> and their hepatoprotective effects against HepG2 Cells. <i>Journal of Applied Biological Chemistry</i> , 2019 , 62, 399-406 ^{0.7}		
57	Cartilage protective and anti-analgesic effects of ALM16 on monosodium iodoacetate induced osteoarthritis in rats. <i>BMC Complementary and Alternative Medicine</i> , 2019 , 19, 325	4.7	11

56	Pseudoshikonin I enhances osteoblast differentiation by stimulating Runx2 and Osterix. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 748-757	4.7	15
55	Antihypertensive Effect of Ethanolic Extract from Fruits and Quality Control of Active Compounds. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 5158243	6.7	8
54	Isolation and Quantification of Ginsenoside Rh23, a New Anti-Melanogenic Compound from the Leaves of <i>Panax ginseng</i> . <i>Molecules</i> , 2018 , 23,	4.8	10
53	Neuroprotective effects of phenolic compounds isolated from <i>Spiraea prunifolia</i> var. <i>simpliciflora</i> . <i>Journal of Applied Biological Chemistry</i> , 2018 , 61, 397-403	0.7	2
52	Ginsenosides from the fruits of <i>Panax ginseng</i> and their cytotoxic effects on human cancer cell lines. <i>Journal of Applied Biological Chemistry</i> , 2018 , 61, 371-377	0.7	
51	Synthesis of a Novel β -Glucosyl Ginsenoside F1 by Cyclodextrin Glucanotransferase and Its In Vitro Cosmetic Applications. <i>Biomolecules</i> , 2018 , 8,	5.9	12
50	UPLC-QTOF/MS-Based Metabolomics Applied for the Quality Evaluation of Four Processed Products. <i>Molecules</i> , 2018 , 23,	4.8	26
49	Phenylethanoid glycoside from <i>Forsythia koreana</i> (Oleaceae) flowers shows a neuroprotective effect. <i>Revista Brasileira De Botanica</i> , 2018 , 41, 523-528	1.2	7
48	UPLC-QqQ/MS-Based Lipidomics Approach To Characterize Lipid Alterations in Inflammatory Macrophages. <i>Journal of Proteome Research</i> , 2017 , 16, 1460-1469	5.6	31
47	Melanogenesis inhibition activity of floralginsenoside A from berry. <i>Journal of Ginseng Research</i> , 2017 , 41, 602-607	5.8	15
46	Characterization of the changes in eicosanoid profiles of activated macrophages treated with 20(S)-ginsenoside Rg3. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1065-1066, 14-19	3.2	5
45	Phenylpropanoids from <i>Lilium Asiatic</i> hybrid flowers and their anti-inflammatory activities. <i>Applied Biological Chemistry</i> , 2017 , 60, 527-533	2.9	19
44	Functional characterization of the β -Amyrin synthase gene involved in platycoside biosynthesis in <i>Platycodon grandiflorum</i> . <i>Horticulture Environment and Biotechnology</i> , 2017 , 58, 613-619	2	2
43	Comprehensive Profiling and Quantification of Ginsenosides in the Root, Stem, Leaf, and Berry of <i>Panax ginseng</i> by UPLC-QTOF/MS. <i>Molecules</i> , 2017 , 22,	4.8	52
42	Characterization of the Asiatic Acid Glucosyltransferase, UGT73AH1, Involved in Asiaticoside Biosynthesis in <i>Centella asiatica</i> (L.) Urban. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	18
41	Mass Spectrometry Based Profiling and Imaging of Various Ginsenosides from <i>Panax ginseng</i> Roots at Different Ages. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
40	Evaluation on Extraction Conditions and HPLC Analysis Method for Ginsenosides in <i>Panax ginseng</i> . <i>Korean Journal of Medicinal Crop Science</i> , 2016 , 24, 47-54	0.7	4
39	UPLC-MS/MS-Based Profiling of Eicosanoids in RAW264.7 Cells Treated with Lipopolysaccharide. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 508	6.3	13

38	Potential of Pseudoshikonin I Isolated From Lithospermi Radix as Inhibitors of MMPs in IL-1β-Induced SW1353 Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	7
37	Three New Isoprenylated Flavonoids from the Root Bark of Morus alba. <i>Molecules</i> , 2016 , 21,	4.8	9
36	Immune-Enhancing Effects of a High Molecular Weight Fraction of Cynanchum wilfordii Hemsley in Macrophages and Immunosuppressed Mice. <i>Nutrients</i> , 2016 , 8,	6.7	17
35	Recovery effect of phenylpropanoid glycosides from Magnolia obovata fruit on alloxan-induced pancreatic islet damage in zebrafish (Danio rerio). <i>Carbohydrate Research</i> , 2015 , 416, 70-4	2.9	7
34	The potential of minor ginsenosides isolated from the leaves of Panax ginseng as inhibitors of melanogenesis. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 1677-90	6.3	17
33	Glycosyl glycerides from hydroponic Panax ginseng inhibited NO production in lipopolysaccharide-stimulated RAW264.7 cells. <i>Journal of Ginseng Research</i> , 2015 , 39, 162-8	5.8	9
32	Antimelanogenic Effects of Picrionoside A Isolated from the Leaves of Korean Ginseng. <i>Biological and Pharmaceutical Bulletin</i> , 2015 , 38, 1663-7	2.3	6
31	Two New Cytotoxic Cardenolides from the Whole Plants of Adonis multiflora Nishikawa & Koki Ito. <i>Molecules</i> , 2015 , 20, 20823-31	4.8	3
30	Global Profiling of Various Metabolites in Platycodon grandiflorum by UPLC-QTOF/MS. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26786-96	6.3	25
29	Inhibitory Effects of seco-Triterpenoids from Acanthopanax sessiliflorus Fruits on HUVEC Invasion and ACE Activity. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	1
28	Isoprenylated flavonoids from the root bark of Morus alba and their hepatoprotective and neuroprotective activities. <i>Archives of Pharmacal Research</i> , 2015 , 38, 2066-75	6.1	42
27	New hydroxy fatty acid from the root bark of Morus alba L. 2015 , 58, 541-543		2
26	Production of Adventitious Root and Analysis of Effective Components from in vitro Culture of Astragalus membranaceus. <i>Korean Journal of Medicinal Crop Science</i> , 2015 , 23, 357-362	0.7	
25	Inhibitory Effects of seco-Triterpenoids from Acanthopanax sessiliflorus Fruits on HUVEC Invasion and ACE Activity. <i>Natural Product Communications</i> , 2015 , 10, 1517-20	0.9	2
24	Flavonoids from Machilus japonica stems and their inhibitory effects on LDL oxidation. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 16418-29	6.3	12
23	Flavonoids from the fruits of Nepalese sumac (Rhus parviflora) attenuate glutamate-induced neurotoxicity in HT22 cells. <i>Food Science and Biotechnology</i> , 2013 , 22, 895-902	3	14
22	Three New Ginsenosides from the Heat-Processed Roots of Panax ginseng. <i>Chemistry of Natural Compounds</i> , 2013 , 49, 882-887	0.7	10
21	Quality evaluation of Panax ginseng roots using a rapid resolution LC-QTOF/MS-based metabolomics approach. <i>Molecules</i> , 2013 , 18, 14849-61	4.8	17

20	Anti-inflammatory cycloartane-type saponins of <i>Astragalus membranaceus</i> . <i>Molecules</i> , 2013 , 18, 3725-324.8		39
19	Effects of Supercritical Fluid Extract, Shikonin and Acetylshikonin from <i>Lithospermum erythrorhizon</i> on Chondrocytes and MIA-Induced Osteoarthritis in Rats. <i>Korean Journal of Medicinal Crop Science</i> , 2013 , 21, 466-473	0.7	7
18	Evaluation on Extraction Conditions and HPLC Analysis Method for Bioactive Compounds of <i>Astragali Radix</i> . <i>Korean Journal of Medicinal Crop Science</i> , 2013 , 21, 486-492	0.7	11
17	Bioactive 3,4-seco-Triterpenoids from the Fruits of <i>Acanthopanax sessiliflorus</i> . <i>Journal of Natural Products</i> , 2012 , 75, 1138-44	4.9	26
16	New indoles from the roots of <i>Brassica rapa</i> ssp. <i>campestris</i> . <i>Chemistry of Natural Compounds</i> , 2012 , 48, 281-284	0.7	7
15	Anti-inflammatory lignans from the fruits of <i>Acanthopanax sessiliflorus</i> . <i>Molecules</i> , 2012 , 18, 41-9	4.8	25
14	Anti-oxidant activity of Phenolic Compound Isolated from the Fruits of <i>Acanthopanax sessiliflorus</i> Seeman. <i>Journal of Applied Biological Chemistry</i> , 2012 , 55, 217-220	0.7	7
13	A New flavonolignan from the aerial Parts of <i>Oryza sativa</i> L. inhibits nitric oxide production in RAW 264.7 macrophage cells 2011 , 54, 865-870		24
12	Sterols from the leafy culms of <i>Desmostachya bipinnata</i> . <i>Chemistry of Natural Compounds</i> , 2011 , 47, 852-853	0.7	5
11	Discrimination of Korean ginseng (<i>Panax ginseng</i>) roots using rapid resolution LC-QTOF/MS combined by multivariate statistical analysis. <i>Food Science and Biotechnology</i> , 2011 , 20, 1119-1124	3	7
10	Inhibition of Low Density Lipoprotein-oxidation, ACAT-1, and ACAT-2 by Lignans from the Bark of <i>Machilus thunbergii</i> . <i>Journal of Applied Biological Chemistry</i> , 2011 , 54, 63-66	0.7	4
9	CYTOTOXIC TRITERPENOIDS FROM <i>Cornus kousa</i> FRUITS. <i>Chemistry of Natural Compounds</i> , 2010 , 46, 142-145	0.7	20
8	A new phenolic glycoside from the fruits of <i>Capsicum annum</i> . <i>Chemistry of Natural Compounds</i> , 2010 , 46, 338-339	0.7	1
7	Physicochemical Characterization and NMR Assignments of Ginsenosides Rb1, Rb2, Rc, and Rd Isolated from <i>Panax ginseng</i> . <i>Journal of Ginseng Research</i> , 2010 , 34, 113-121	5.8	40
6	Lignans from the fruits of the red pepper (<i>Capsicum annum</i> L.) and their antioxidant effects. <i>Archives of Pharmacal Research</i> , 2009 , 32, 1345-9	6.1	16
5	Triterpenoid and Lignan from the Fruits of <i>Cornus kousa</i> Inhibit the Activities of PRL-3 and LDL-Oxidation 2009 , 53, 97-100		9
4	Sterols isolated from Nuruk (<i>Rhizopus oryzae</i> KSD-815) inhibit the migration of cancer cells. <i>Journal of Microbiology and Biotechnology</i> , 2009 , 19, 1328-32	3.3	17
3	A new lignan glycoside from the rhizomes of <i>Imperata cylindrica</i> . <i>Journal of Asian Natural Products Research</i> , 2008 , 10, 337-41	1.5	8

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| 2 | A new lignan glycoside from the fruits of <i>Cornus kousa</i> Burg. <i>Archives of Pharmacal Research</i> , 2008 , 31, 830-3 | 6.1 | 11 |
| 1 | Lignans from the fruits of <i>Cornus kousa</i> Burg. and their cytotoxic effects on human cancer cell lines. <i>Archives of Pharmacal Research</i> , 2007 , 30, 402-7 | 6.1 | 42 |