

Jung Dae Lim

List of Publications by Year in descending order

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85
papers

1,112
citations

471371

17
h-index

454834

30
g-index

86
all docs

86
docs citations

86
times ranked

1542
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and antimicrobial activities of crude sorghum extract. <i>Food Chemistry</i> , 2009, 115, 1234-1239.	4.2	148
2	Comparison of resveratrol, SOD activity, phenolic compounds and free amino acids in <i>Rehmannia glutinosa</i> under temperature and water stress. <i>Environmental and Experimental Botany</i> , 2006, 56, 44-53.	2.0	74
3	Sucrose transport from source to sink seeds in rice. <i>Physiologia Plantarum</i> , 2006, 126, 572-584.	2.6	57
4	Growth-inhibitory effect of a fucoidan from brown seaweed <i>Undaria pinnatifida</i> on <i>Plasmodium</i> parasites. <i>Parasitology Research</i> , 2009, 104, 245-250.	0.6	53
5	Fucoidan from <i>Fucus vesiculosus</i> Protects against Alcohol-Induced Liver Damage by Modulating Inflammatory Mediators in Mice and HepG2 Cells. <i>Marine Drugs</i> , 2015, 13, 1051-1067.	2.2	53
6	Antioxidant, Anticancer and Immune Activation of Anthocyanin Fraction from <i>Rubus coreanus</i> Miquel fruits (Bokbunja). <i>Korean Journal of Medicinal Crop Science</i> , 2012, 20, 259-269.	0.1	47
7	Chemical constituents of rice (<i>Oryza sativa</i>) hulls and their herbicidal activity against duckweed (<i>Lemna paucicostata</i> Hegelm 381). <i>Phytochemical Analysis</i> , 2006, 17, 36-45.	1.2	43
8	Isoflavones profiling of soybean [<i>Glycine max</i> (L.) Merrill] germplasms and their correlations with metabolic pathways. <i>Food Chemistry</i> , 2014, 153, 258-264.	4.2	43
9	Effect of Different Processing Methods on the Accumulation of the Phenolic Compounds and Antioxidant Profile of Broomcorn Millet (<i>Panicum miliaceum</i> L.) Flour. <i>Foods</i> , 2019, 8, 230.	1.9	41
10	The Evaluation of Growth Performance, Photosynthetic Capacity, and Primary and Secondary Metabolite Content of Leaf Lettuce Grown under Limited Irradiation of Blue and Red LED Light in an Urban Plant Factory. <i>Agriculture (Switzerland)</i> , 2020, 10, 28.	1.4	36
11	Resveratrol Synthase Transgene Expression and Accumulation of Resveratrol Glycoside in <i>Rehmannia glutinosa</i> . <i>Molecular Breeding</i> , 2005, 16, 219-233.	1.0	35
12	Ultrafine <i>Angelica gigas</i> Powder Normalizes Ovarian Hormone Levels and Has Antiosteoporosis Properties in Ovariectomized Rats: Particle Size Effect. <i>Journal of Medicinal Food</i> , 2012, 15, 863-872.	0.8	35
13	Exogenous Putrescine Enhances Salt Tolerance and Ginsenosides Content in Korean Ginseng (<i>Panax Tj</i> ETQq1 1 0.784314 rgBT /Ove 1.6 26		
14	Structural characterization of an intestinal immune system-modulating arabino-3,6-galactan-like polysaccharide from the above-ground part of <i>Astragalus membranaceus</i> (Bunge). <i>Carbohydrate Polymers</i> , 2016, 136, 1265-1272.	5.1	20
15	Expression of the glutathione S-transferase gene (NT107) in transgenic <i>Dianthus superbus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 80, 277-286.	1.2	18
16	Isolation and Charaterization of Bioactive Peptides from Hwangtae (yellowish dried Alaska pollack) Protein Hydrolysate. <i>Preventive Nutrition and Food Science</i> , 2008, 13, 196-203.	0.7	18
17	Studies on the anthocyanin profile and biological properties from the fruits of <i>Acanthopanax senticosus</i> (Siberian Ginseng). <i>Journal of Functional Foods</i> , 2013, 5, 380-388.	1.6	17
18	Cannabinoids Accumulation in Hemp (<i>Cannabis sativa</i> L.) Plants under LED Light Spectra and Their Discrete Role as a Stress Marker. <i>Biology</i> , 2021, 10, 710.	1.3	17

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19	LebZIP2 induced by salt and drought stress and transient overexpression by Agrobacterium. BMB Reports, 2008, 41, 693-698.	1.1	17
20	Protective effects of ellagic acid on ethanol-induced toxicity in hepatic HepG2 cells. Molecular and Cellular Toxicology, 2013, 9, 249-256.	0.8	16
21	A 90 Day Repeated Dose-Oral Toxicity Study of Extracts from Astragalus membranaceus-Aboveground Parts in Rats. Korean Journal of Medicinal Crop Science, 2013, 21, 474-485.	0.1	16
22	Variation of Phenolic Compounds Contents in Cultivated Astragalus membranaceus. Korean Journal of Medicinal Crop Science, 2012, 20, 447-453.	0.1	15
23	Effects of β -glucans from Coriolus versicolor on macrophage phagocytosis are related to the Akt and CK2/Ikaros. International Journal of Biological Macromolecules, 2013, 57, 9-16.	3.6	14
24	The Effect of Temperature and Seed Soaking on Germination in Cynanchum wilfordii (Maxim.) Hemsl.. Korean Journal of Medicinal Crop Science, 2012, 20, 136-139.	0.1	13
25	Agrobacterium-mediated transformation of Codonopsis lanceolata using the β -TMT gene. Plant Cell, Tissue and Organ Culture, 2008, 95, 265-274.	1.2	12
26	Conversion Characteristics of Some Major Cannabinoids from Hemp (Cannabis sativa L.) Raw Materials by New Rapid Simultaneous Analysis Method. Molecules, 2021, 26, 4113.	1.7	11
27	Antioxidant Activities of Acidic Ethanol Extract and the Anthocyanin Rich Fraction from Aronia melanocarpa. Korean Journal of Food and Cookery Science, 2014, 30, 573-578.	0.2	11
28	An Enhanced Water Solubility and Stability of Anthocyanins in Mulberry Processed with Hot Melt Extrusion. International Journal of Molecular Sciences, 2021, 22, 12377.	1.8	11
29	Development of value-added functional food by fusion of colored potato and buckwheat flour through hot-melt extrusion. Journal of Food Processing and Preservation, 0, , e15312.	0.9	10
30	Antisense-overexpression of the MsCOMT gene induces changes in lignin and total phenol contents in transgenic tobacco plants. Molecular Biology Reports, 2013, 40, 1979-1986.	1.0	9
31	Bio- Fortification of Angelica gigas Nakai Nano-Powder Using Bio-Polymer by Hot Melt Extrusion to Enhance the Bioaccessibility and Functionality of Nutraceutical Compounds. Pharmaceuticals, 2020, 13, 3.	1.7	9
32	Antimelanogenic Effect and Whitening of Anthocyanin Rich Fraction from Seeds of Liriope platyphylla. Korean Journal of Medicinal Crop Science, 2013, 21, 361-371.	0.1	9
33	Genotoxicity Study of Polysaccharide Fraction from Astragalus membranaceus's Aerial Parts. Toxicological Research, 2014, 30, 131-138.	1.1	8
34	Functional enhancement of ultrafine Angelica gigas powder by spray-drying microencapsulation. LWT - Food Science and Technology, 2019, 101, 161-166.	2.5	7
35	Effect of Fermentation Time on the Chemical Composition of Mulberry (Morus alba L.) Leaf Teas. Korean Journal of Medicinal Crop Science, 2011, 19, 276-286.	0.1	7
36	Comparison of the Characteristics of Seed Germination and the First Stage of Growth in Cynanchum wilfordii (Maxim.) by Different Light Conditions. Korean Journal of Medicinal Crop Science, 2013, 21, 329-333.	0.1	7

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37	Expression of a functional type-I chalcone isomerase gene is localized to the infected cells of root nodules of <i>Elaeagnus umbellata</i> . <i>Molecules and Cells</i> , 2007, 23, 405-9.	1.0	7
38	Flour Characteristics and End-Use Quality of Korean Wheats with 1Dx2.2+1Dy12 Subunits in High Molecular Weight Glutenin. <i>Preventive Nutrition and Food Science</i> , 2006, 11, 243-252.	0.7	6
39	Antioxidant and Antibacterial Activities of the Byproducts of <i>Abies holophylla</i> Extract. <i>Korean Journal of Medicinal Crop Science</i> , 2018, 26, 134-140.	0.1	6
40	Physicochemical Properties of Isolated Peptides from Hwangtae (yellowish dried pollack) Protein Hydrolysate. <i>Preventive Nutrition and Food Science</i> , 2008, 13, 204-211.	0.7	6
41	Review : Clinical application and efficacy of herbal medicines by modulating cytokines in atopic dermatitis-induced animal model. <i>The Korea Journal of Herbology</i> , 2012, 27, 33-44.	0.2	6
42	Biological Activity of <i>Panax ginseng</i> C. A. Meyer Culture Roots Fermented with Microorganisms. <i>Korean Journal of Medicinal Crop Science</i> , 2016, 24, 191-197.	0.1	6
43	Comparative Growth, Photosynthetic Pigments, and Osmolytes Analysis of Hemp (<i>Cannabis sativa</i> L.) Seedlings under an Aeroponics System with Different LED Light Sources. <i>Horticulturae</i> , 2021, 7, 239.	1.2	5
44	The Germination Characteristics of Seed by Storage and Germination Temperature in <i>Astragalus membranaceus</i> . <i>Korean Journal of Medicinal Crop Science</i> , 2013, 21, 461-465.	0.1	5
45	Chemical Constituents from the Fruits of <i>Lycium chinense</i> . <i>Asian Journal of Chemistry</i> , 2013, 25, 9879-9882.	0.1	4
46	Characterization of New Polyphenolic Glycosidic Constituents and Evaluation of Cytotoxicity on a Macrophage Cell Line and Allelopathic Activities of <i>Oryza sativa</i> . <i>Molecules</i> , 2018, 23, 1933.	1.7	4
47	Enhancing the Cannabidiol (CBD) Compound in Formulated Hemp (<i>Cannabis sativa</i> L.) Leaves through the Application of Hot-Melt Extrusion. <i>Processes</i> , 2021, 9, 837.	1.3	4
48	The Comparative Immunomodulatory Effects of β -Glucans from Yeast, Bacteria, and Mushroom on the Function of Macrophages. <i>Preventive Nutrition and Food Science</i> , 2009, 14, 102-108.	0.7	4
49	Establishing Optimal Germination for Stored <i>Rheum palmatum</i> L. Seeds. <i>Korean Journal of Medicinal Crop Science</i> , 2012, 20, 85-88.	0.1	4
50	The Germination Characteristics of <i>Rheum undulatum</i> L. Seeds in Treatment Conditions. <i>Korean Journal of Medicinal Crop Science</i> , 2012, 20, 393-397.	0.1	4
51	Effect of Temperatures and Fillers on Yield and Quality of Turmeric (<i>Curcuma longa</i> L.) During Postharvest Seed Rhizome Storage. <i>Korean Journal of Medicinal Crop Science</i> , 2013, 21, 334-341.	0.1	4
52	Anti-obesity Effect of the Flavonoid Rich Fraction from Mulberry Leaf Extract. <i>Korean Journal of Medicinal Crop Science</i> , 2020, 28, 395-411.	0.1	4
53	The Differential Immunomodulating Effects of Levan and DFA-IV on Macrophage Function. <i>Preventive Nutrition and Food Science</i> , 2008, 13, 1-6.	0.7	3
54	Isolation of Polysaccharides Modulating Intestinal Immune System and Single Oral Dose Toxicity Test in <i>Astragalus membranaceus</i> Aboveground Parts. <i>Korean Journal of Medicinal Crop Science</i> , 2014, 22, 276-288.	0.1	3

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55	Antioxidant and Anticancer Properties of the Extracts from <i>Lepisorus thunbergianus</i> (Kaulf.) Ching. Korean Journal of Medicinal Crop Science, 2015, 23, 324-333.	0.1	3
56	Enhancement and Conversion of Ginsenoside Contents in Cultured Wild Ginseng Adventitious Root. Korean Journal of Medicinal Crop Science, 2020, 28, 445-454.	0.1	3
57	Agronomic Characterization of <i>Sorghum bicolor</i> (L) Moench Germplasm Collected in Gangwon-do for Bio-energy Crop. Hang'uk Jakmul Hakhoe Chi, 2011, 56, 151-158.	0.2	3
58	Establishment of Suspension Culture System to Induce Somatic Embryo in <i>Oplopanax elatus</i> Nakai. Korean Journal of Medicinal Crop Science, 2012, 20, 461-465.	0.1	3
59	Effect of Priming and Seed Pellet Technique for Improved Germination and Growth in <i>Fraxinus rhynchophylla</i> and <i>Alnus sibirica</i> . Korean Journal of Medicinal Crop Science, 2013, 21, 7-19.	0.1	3
60	Extraction of Low Molecular Weight Ginsenosides from Adventitious Roots Culture of Wild Mountain Ginseng by Steam Processing. Korean Journal of Medicinal Crop Science, 2018, 26, 148-156.	0.1	3
61	Mitigating effect of fermented Korean red ginseng extract with yeast and probiotics in 1-chloro-2,4-dinitrobenzene-induced skin allergic inflammation. Molecular and Cellular Toxicology, 2019, 15, 111-121.	0.8	2
62	Changes in Non-saponin Fatty Acid Content and Increases in Inhibitory Activities of Collagenase and Elastase by Treatment with <i>Saccharomyces cerevisiae</i> of the Supercritical Fluid Extracted Oil of the Adventitious Roots Culture of Wild Mountain Ginseng. Korean Journal of Medicinal Crop Science, 2018, 26, 170-180.	0.1	2
63	The Isoflavonoid Constituents and Biological Active of <i>Astragalus Radix</i> by Fermentation of β -glucosidase Strains. Korean Journal of Medicinal Crop Science, 2020, 28, 371-378.	0.1	2
64	Effect of Seed Size on Seed Germination and Growth Characteristics in Safflower (<i>Carthamus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.1	2
65	Quality Characteristics of Sauce for Meat prepared with Mulberry Leaf Powder and Mulberry Fruit Powder. The Korean Journal of Food and Nutrition, 2016, 29, 513-520.	0.3	2
66	Adjuvant Effect of Polysaccharides from Aboveground Parts of <i>Astragalus membranaceus</i> . Korean Journal of Medicinal Crop Science, 2016, 24, 408-419.	0.1	2
67	Effect of <i>Astragalus membranaceus</i> Polysaccharides on Improves Immune Response after Exhaustive Exercise Rats. Korean Journal of Medicinal Crop Science, 2018, 26, 72-81.	0.1	2
68	Effect of Polysaccharides from <i>Astragalus membranaceus</i> on Exercise-Induced Fatigue and Oxidative Damage in Skeletal Muscle in Exhaustive Exercise Animal Models. Korean Journal of Medicinal Crop Science, 2018, 26, 271-280.	0.1	2
69	Tetrapyrrole Accumulation in in vitro Selected Somaclones of Acifluorfen-Tolerant <i>Solanum ptycanthum</i> Dun. Plant Cell, Tissue and Organ Culture, 2004, 76, 167-174.	1.2	1
70	Molecular characterization and stress signaling of the <i>Miscanthus sinensis</i> MsCOMT gene by transient assay. Russian Journal of Plant Physiology, 2012, 59, 626-631.	0.5	1
71	Antioxidant Activity of Monoglucoside-Triarabinoside from the Fruits of <i>Lycium chinense</i> Miller. Asian Journal of Chemistry, 2014, 26, 3033-3035.	0.1	1
72	Inhibitory Effect of Adipocyte Differentiation of Purified Mulberry Anthocyanins using Macroporous Resin. Korean Journal of Medicinal Crop Science, 2021, 29, 173-186.	0.1	1

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73	Screening of Biological Activities of <i>Acanthopanax senticosus</i> Fruits Extracts. <i>Hang'uk Jakmul Hakhoe Chi</i> , 2011, 56, 1-7.	0.2	1
74	Effect of Plant Growth Regulators and Media on Regeneration of <i>Sorghum bicolor</i> (L.) Moench. <i>Korean Journal of Plant Resources</i> , 2011, 24, 168-173.	0.2	1
75	Analytical Method for Triazine Herbicide Cyanazine Residues in Major Medicinal Crops. <i>Korean Journal of Medicinal Crop Science</i> , 2016, 24, 237-245.	0.1	1
76	New Aliphatic Glycoside Constituent from the Fruits of <i>Lycium chinense</i> Miller. <i>Asian Journal of Chemistry</i> , 2013, 25, 4664-4666.	0.1	0
77	Antifungal Gene (<i>Rs-AFP</i>) Introduction into <i>Rehmannia glutinosa</i> and Gene Expression Mediated by <i>Agrobacterium tumefaciens</i> . <i>Plant Pathology Journal</i> , 2003, 19, 51-56.	0.7	0
78	Inhibitory effects of fucoidan on ICAM-1 expression induced by inflammatory cytokine p53-independent pathway in SH-SY5Y. <i>FASEB Journal</i> , 2010, 24, 723.9.	0.2	0
79	Dried pepper sorting using independent component analysis on RGB images. <i>Journal of the Korea Society of Computer and Information</i> , 2012, 17, 59-65.	0.0	0
80	The protective effects of Alginate and Fucoidan from the brown seaweed on the alcohol-induced liver damage. <i>FASEB Journal</i> , 2013, 27, 1083.4.	0.2	0
81	Effects of Storage Temperature and Rooting Media on Growth of Cuttings in <i>Chrysanthemum indicum</i> L.. <i>Korean Journal of Medicinal Crop Science</i> , 2016, 24, 479-485.	0.1	0
82	Enhancement of Solubility and Nanonization of Phenolic Compound in Extrudate from <i>Angelica gigas</i> Nakai by Hot Melt Extrusion using Surfactant. <i>Korean Journal of Medicinal Crop Science</i> , 2018, 26, 317-327.	0.1	0
83	Fabrication of Nano-composites from the Radix of <i>Angelica gigas</i> Nakai by Hot Melt Extrusion Mediated Polymer Matrixs. <i>Korean Journal of Medicinal Crop Science</i> , 2018, 26, 417-429.	0.1	0
84	Pest Control and Analysis of Residual Pesticides of Mulberry Fruit and Leaf against Popcorn Disease by Cultivated Type and Region. <i>Korean Journal of Medicinal Crop Science</i> , 2020, 28, 435-444.	0.1	0
85	Acetylcholinesterase Inhibition and Neuroprotective Effect of Ginseng Root Steam Treatment Containing Low Molecular Weight Ginsenosides. <i>Korean Journal of Medicinal Crop Science</i> , 2021, 29, 388-397.	0.1	0