

Se-Chan Kang

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.

47
papers

277
citations

10
h-index

14
g-index

53
ext. papers

415
ext. citations

3.7
avg, IF

3.56
L-index

#	Paper	IF	Citations
47	Evaluation of the acute, sub-chronic and chronic oral toxicity, genetic toxicity, and safety of a Lomens-P0.. <i>Toxicological Research</i> , 2022 , 38, 69-90	3.7	0
46	Gold Nanoparticles Green-Synthesized by the Suaeda japonica Leaf Extract and Screening of Anti-Inflammatory Activities on RAW 267.4 Macrophages. <i>Coatings</i> , 2022 , 12, 460	2.9	1
45	Terminalia ferdinandiana (Kakadu Plum)-Mediated Bio-Synthesized ZnO Nanoparticles for Enhancement of Anti-Lung Cancer and Anti-Inflammatory Activities. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3081	2.6	2
44	Hair Regeneration Effects of Lespedeza bicolor Extract In Vivo and In Vitro. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2863	2.6	0
43	Metabolite profiling of a Sargassum micracanthum methanol extract with in vitro efficacy against human head and neck squamous cell carcinoma aggressiveness.. <i>Archives of Oral Biology</i> , 2022 , 137, 105386	2.8	0
42	Protective Effect and Potential Antioxidant Role of Kakadu Plum Extracts on Alcohol-Induced Oxidative Damage in HepG2 Cells. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 236	2.6	4
41	Fermented Antler Recovers Stamina, Muscle Strength and Muscle Mass in Middle-Aged Mice. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 106	2.6	2
40	Lomens-P0 (mixed extracts of and) regulate the expression of factors affecting premenstrual syndrome symptoms. <i>Nutrition Research and Practice</i> , 2021 , 15, 715-731	2.1	
39	Recovery Effect of a Rutin-Enriched Fraction Prepared From Forsythia koreana Flowers on Alloxan-Induced Pancreatic Islets in Zebrafish Larvae (Danio rerio). <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110437	0.9	
38	Preventive Effects against Retinal Degeneration by Extract (CA-HE50) and Asiaticoside through Apoptosis Suppression by the Nrf2/HO-1 Signaling Pathway. <i>Antioxidants</i> , 2021 , 10,	7.1	3
37	Hepatoprotective effect of 50% ethanol extract against acetaminophen-induced acute liver injury in BALB/c mice. <i>Toxicological Research</i> , 2021 , 37, 261-275	3.7	5
36	Cumulative Production of Bioactive Rg3, Rg5, Rk1, and CK from Fermented Black Ginseng Using Novel Aspergillus niger KHNT-1 Strain Isolated from Korean Traditional Food. <i>Processes</i> , 2021 , 9, 227	2.9	2
35	Bombilactobacillus apium sp. nov., isolated from the gut of honeybee (Apis cerana). <i>Archives of Microbiology</i> , 2021 , 203, 2193-2198	3	1
34	Anti-Inflammatory Effect of Phytoncide in an Animal Model of Gastrointestinal Inflammation. <i>Molecules</i> , 2021 , 26,	4.8	2
33	Safety, tolerability of ES16001, a novel varicella zoster virus reactivation inhibitor, in healthy adults. <i>European Journal of Medical Research</i> , 2021 , 26, 92	4.8	1
32	Synthesis of zinc oxide nanoparticles from Gynostemma pentaphyllum extracts and assessment of photocatalytic properties through malachite green dye decolorization under UV illumination-A Green Approach. <i>Optik</i> , 2021 , 239, 166249	2.5	16
31	Synthesis and characterization of glycol chitosan coated selenium nanoparticles acts synergistically to alleviate oxidative stress and increase ginsenoside content in Panax ginseng. <i>Carbohydrate Polymers</i> , 2021 , 267, 118195	10.3	5

30	Potent antiviral activity of Agrimonia pilosa, Gallia rhois, and their components against SARS-CoV-2. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 45, 116329	3.4	5
29	In Vitro Evaluation of Anti-Lung Cancer and Anti-COVID-19 Effects using Fermented Black Color Ginseng Extract. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110343	0.9	1
28	Anti-Osteoporotic Activity of Pueraria lobata Fermented with Lactobacillus paracasei JS1 by Regulation of Osteoblast Differentiation and Protection against Bone Loss in Ovariectomized Mice. <i>Fermentation</i> , 2021 , 7, 186	4.7	
27	Volatile Profiles of Five Variants of Flowers Using Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry (HS-SPME-GC-MS) Analysis. <i>Plants</i> , 2021 , 10,	4.5	3
26	Ginsenosides Conversion and Anti-Oxidant Activities in Puffed Cultured Roots of Mountain Ginseng. <i>Processes</i> , 2021 , 9, 2271	2.9	0
25	A Randomized, Double-Blind, Placebo-Controlled Parallel Study on the Efficacy and Safety of Centella asiatica L. Extract for Reducing Alanine Transaminase (ALT) Level in Subjects with Elevated ALT. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11498	2.6	
24	Fungus Extracts-Mediated Nanoemulsion for Improvement Antioxidant, Antimicrobial, and Anti-Inflammatory Activities. <i>Molecules</i> , 2020 , 25,	4.8	7
23	Evaluation of genetic toxicity, acute and sub-chronic oral toxicity and systemic safety of and 50% ethanolic extract mixture (APRG64) in vitro and in vivo (rodent and non-rodent animal models). <i>Toxicological Research</i> , 2020 , 36, 367-406	3.7	3
22	Supplementation with Cynanchum wilfordii radix extract for 8 weeks lowers serum total cholesterol: A controlled, randomized, double-blind clinical trial. <i>Phytotherapy Research</i> , 2020 , 34, 2313-2322	6.7	0
21	Hydrogen Sulfide as a Potential Alternative for the Treatment of Myocardial Fibrosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 4105382	6.7	19
20	Diversity of Ginsenoside Profiles Produced by Various Processing Technologies. <i>Molecules</i> , 2020 , 25,	4.8	11
19	extract prevents visual impairment by promoting the production of rhodopsin in the retina. <i>Nutrition Research and Practice</i> , 2020 , 14, 203-217	2.1	5
18	Multi-tissue lipotoxicity caused by high-fat diet feeding is attenuated by the supplementation of Korean red ginseng in mice. <i>Molecular and Cellular Toxicology</i> , 2020 , 16, 39-50	1.6	3
17	Effects of Lespedeza Cuneata aqueous extract on testosterone-induced prostatic hyperplasia. <i>Pharmaceutical Biology</i> , 2019 , 57, 90-98	3.8	10
16	Fermentation product with new equol-producing Lactobacillus paracasei as a probiotic-like product candidate for prevention of skin and intestinal disorder. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 4200-4210	4.3	7
15	Effects of fermented Sorghum bicolor L. Moench extract on inflammation and thickness in a vascular cell and atherosclerotic mice model. <i>Journal of Natural Medicines</i> , 2019 , 73, 34-46	3.3	8
14	Multioside, an active ingredient from adonis amurensis, displays anti-cancer activity through autophagosome formation. <i>Phytomedicine</i> , 2019 , 65, 153114	6.5	3
13	New Lignans from the Flower of Forsythia koreana and Their Suppression Effect on VCAM-1 Expression in MOVAS Cells. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800026	2.5	9

12	Isolation and identification of new bacterial stains producing equol from Pueraria lobata extract fermentation. <i>PLoS ONE</i> , 2018 , 13, e0192490	3.7	14
11	Sorghum Fermented by NK Enhances Inhibition of Vascular Inflammation in TNF- β -stimulated Human Aortic Smooth Muscle Cells. <i>International Journal for Vitamin and Nutrition Research</i> , 2018 , 88, 309-318	1.7	1
10	Antihyperglycemic and Antilipidemic Effects of the Ethanol Extract Mixture of and in Type II Diabetes-Mimicking Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 3468040 ²⁻³	2.3	3
9	Protocatechuic Acid Attenuates Trabecular Bone Loss in Ovariectomized Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 7280342	6.7	12
8	The suppressive effect of the three-herb extract mixture on vascular and liver inflammation in atherogenic diet with high fructose-fed mice. <i>Pharmaceutical Biology</i> , 2018 , 56, 32-42	3.8	6
7	Suppression of VCAM-1 Expression in Human Aortic Smooth Muscle Cells Treated with Ethanol Extracts of <i>Cynanchum wilfordii</i> Radix, <i>Arctium lappa</i> L., and <i>Dioscorea opposita</i> . <i>Korean Journal of Plant Resources</i> , 2016 , 29, 525-531		3
6	<i>Cynanchum wilfordii</i> Radix attenuates liver fat accumulation and damage by suppressing hepatic cyclooxygenase-2 and mitogen-activated protein kinase in mice fed with a high-fat and high-fructose diet. <i>Nutrition Research</i> , 2016 , 36, 914-924	4	12
5	An ethanol root extract of <i>Cynanchum wilfordii</i> containing acetophenones suppresses the expression of VCAM-1 and ICAM-1 in TNF- β -stimulated human aortic smooth muscle cells through the NF- κ B pathway. <i>International Journal of Molecular Medicine</i> , 2015 , 35, 915-24	4.4	18
4	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, 1051-67	6	41
3	The extract of <i>Elaeocarpus sylvestris</i> inhibits human cytomegalovirus immediate early gene expression and replication in vitro. <i>Molecular Medicine Reports</i> , 2014 , 9, 744-8	2.9	7
2	Effect of the combinatory mixture of <i>Rubus coreanus</i> Miquel and <i>Astragalus membranaceus</i> Bunge extracts on ovariectomy-induced osteoporosis in mice and anti-RANK signaling effect. <i>Journal of Ethnopharmacology</i> , 2014 , 151, 951-9	5	18
1	Autophagy: Noble target mechanisms in natural medicines as anticancer agents. <i>Journal of Plant Biotechnology</i> , 2010 , 37, 57-66	0.6	1