

Yeon-Ju Kim

List of Publications by Citations

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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.

92
papers

2,101
citations

28
h-index

43
g-index

95
ext. papers

2,649
ext. citations

4.7
avg, IF

5.2
L-index

#	Paper	IF	Citations
92	Biosynthesis, characterization, and antimicrobial applications of silver nanoparticles. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2567-77	7.3	117
91	Extracellular synthesis of silver and gold nanoparticles by <i>Sporosarcina koreensis</i> DC4 and their biological applications. <i>Enzyme and Microbial Technology</i> , 2016 , 86, 75-83	3.8	117
90	A strategic approach for rapid synthesis of gold and silver nanoparticles by <i>Panax ginseng</i> leaves. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1949-1957	6.1	116
89	Green synthesis of silver nanoparticles by <i>Bacillus methylotrophicus</i> , and their antimicrobial activity. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1127-32	6.1	88
88	Intracellular synthesis of gold nanoparticles with antioxidant activity by probiotic <i>Lactobacillus kimchicus</i> DCY51 isolated from Korean kimchi. <i>Enzyme and Microbial Technology</i> , 2016 , 95, 85-93	3.8	88
87	Cardamom fruits as a green resource for facile synthesis of gold and silver nanoparticles and their biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 108-117	6.1	75
86	Biosynthesis, Characterization, and Bioactivities Evaluation of Silver and Gold Nanoparticles Mediated by the Roots of Chinese Herbal <i>Angelica pubescens</i> Maxim. <i>Nanoscale Research Letters</i> , 2017 , 12, 46	5	66
85	Biogenic silver and gold nanoparticles synthesized using red ginseng root extract, and their applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 811-6	6.1	63
84	Ginseng-berry-mediated gold and silver nanoparticle synthesis and evaluation of their in vitro antioxidant, antimicrobial, and cytotoxicity effects on human dermal fibroblast and murine melanoma skin cell lines. <i>International Journal of Nanomedicine</i> , 2017 , 12, 709-723	7.3	62
83	The development of a green approach for the biosynthesis of silver and gold nanoparticles by using <i>Panax ginseng</i> root extract, and their biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1150-7	6.1	61
82	Biological synthesis of gold and silver chloride nanoparticles by <i>Glycyrrhiza uralensis</i> and in vitro applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 303-312	6.1	60
81	Green synthesis of multifunctional silver and gold nanoparticles from the oriental herbal adaptogen: Siberian ginseng. <i>International Journal of Nanomedicine</i> , 2016 , 11, 3131-43	7.3	55
80	-species complex: Causative agent of ginseng root-rot disease and 'rusty' symptoms. <i>Journal of Ginseng Research</i> , 2018 , 42, 9-15	5.8	53
79	Ginsenoside compound K-bearing glycol chitosan conjugates: synthesis, physicochemical characterization, and in vitro biological studies. <i>Carbohydrate Polymers</i> , 2014 , 112, 359-66	10.3	52
78	In vitro anti-inflammatory activity of spherical silver nanoparticles and monodisperse hexagonal gold nanoparticles by fruit extract of <i>Prunus serrulata</i> : a green synthetic approach. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 2022-2032	6.1	52
77	Biosynthesis of Anisotropic Silver Nanoparticles by <i>Bhargavaea indica</i> and Their Synergistic Effect with Antibiotics against Pathogenic Microorganisms. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-10	3.2	45
76	Biosynthesized gold and silver nanoparticles by aqueous fruit extract of <i>Chaenomeles sinensis</i> and screening of their biomedical activities. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 599-606	6.1	43

75	Microbial synthesis of Flower-shaped gold nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1469-74	6.1	41
74	Bovine serum albumin as a nanocarrier for the efficient delivery of ginsenoside compound K: preparation, physicochemical characterizations and in vitro biological studies. <i>RSC Advances</i> , 2017 , 7, 15397-15407	3.7	37
73	Aluminium resistant, plant growth promoting bacteria induce overexpression of Aluminium stress related genes in Arabidopsis thaliana and increase the ginseng tolerance against Aluminium stress. <i>Microbiological Research</i> , 2017 , 200, 45-52	5.3	37
72	Applications of leaves-mediated gold nanoparticles in cosmetics relation to antioxidant, moisture retention, and whitening effect on B16BL6 cells. <i>Journal of Ginseng Research</i> , 2018 , 42, 327-333	5.8	37
71	Caspase-3/MAPK pathways as main regulators of the apoptotic effect of the phyto-mediated synthesized silver nanoparticle from dried stem of Eleutherococcus senticosus in human cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 99, 128-133	7.5	36
70	Green synthesis of gold and silver nanoparticles using aqueous extract of Cibotium barometz root. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1548-1555	6.1	35
69	A Growth-Promoting Bacteria, DCY84 Enhanced Salt Stress Tolerance by Activating Defense-Related Systems in. <i>Frontiers in Plant Science</i> , 2018 , 9, 813	6.2	35
68	Rare ginsenoside Ia synthesized from F1 by cloning and overexpression of the UDP-glycosyltransferase gene from : synthesis, characterization, and melanogenesis inhibition activity in BL6B16 cells. <i>Journal of Ginseng Research</i> , 2018 , 42, 42-49	5.8	32
67	Gold nanoflowers synthesized using Acanthopanax cortex extract inhibit inflammatory mediators in LPS-induced RAW264.7 macrophages via NF- κ B and AP-1 pathways. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 162, 398-404	6	30
66	Characterization and antimicrobial application of biosynthesized gold and silver nanoparticles by using Microbacterium resistens. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1714-21	6.1	29
65	Pleuropterus multiflorus (Hasuo) mediated straightforward eco-friendly synthesis of silver, gold nanoparticles and evaluation of their anti-cancer activity on A549 lung cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 995-1003	7.5	28
64	Pharmacological importance, characterization and applications of gold and silver nanoparticles synthesized by Panax ginseng fresh leaves. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1415-1424	6.1	28
63	Structural investigation of ginsenoside Rf with PPAR γ major transcriptional factor of adipogenesis and its impact on adipocyte. <i>Journal of Ginseng Research</i> , 2015 , 39, 141-7	5.8	24
62	Assessment of radical scavenging, whitening and moisture retention activities of Panax ginseng berry mediated gold nanoparticles as safe and efficient novel cosmetic material. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 333-340	6.1	24
61	Development of Lactobacillus kimchicus DCY51-mediated gold nanoparticles for delivery of ginsenoside compound K: in vitro photothermal effects and apoptosis detection in cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 30-44	6.1	20
60	Engineering of mesoporous silica nanoparticles for release of ginsenoside CK and Rh2 to enhance their anticancer and anti-inflammatory efficacy: in vitro studies. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	17
59	Biosynthesis of gold and silver chloride nanoparticles mediated by Crataegus pinnatifida fruit extract: in vitro study of anti-inflammatory activities. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1530-1540	6.1	16
58	Phyllanthus emblica fruit extract attenuates lipid metabolism in 3T3-L1 adipocytes via activating apoptosis mediated cell death. <i>Phytomedicine</i> , 2020 , 66, 153129	6.5	16

57	Siderophore-producing rhizobacteria reduce heavy metal-induced oxidative stress in Meyer. <i>Journal of Ginseng Research</i> , 2021 , 45, 218-227	5.8	15
56	Gold nanoflowers synthesized using Acanthopanax cortex extract inhibit inflammatory mediators in LPS-induced RAW264.7 macrophages via NF- κ B and AP-1 pathways. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 423-428	6	14
55	Enzymatic transformation of ginseng leaf saponin by recombinant β -glucosidase (bgp1) and its efficacy in an adipocyte cell line. <i>Biotechnology and Applied Biochemistry</i> , 2016 , 63, 532-8	2.8	13
54	Preparation of Polyethylene Glycol-Ginsenoside Rh1 and Rh2 Conjugates and Their Efficacy against Lung Cancer and Inflammation. <i>Molecules</i> , 2019 , 24,	4.8	13
53	Cross Interaction Between Ilyonectria mors-panacis Isolates Infecting Korean Ginseng and Ginseng Saponins in Correlation with Their Pathogenicity. <i>Phytopathology</i> , 2017 , 107, 561-569	3.8	12
52	Intracellular synthesis of gold nanoparticles by for delivery of peptide CopA3 and ginsenoside and anti-inflammatory effect on lipopolysaccharide-activated macrophages. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020 , 48, 777-788	6.1	12
51	Protopanaxadiol aglycone ginsenoside-polyethylene glycol conjugates: synthesis, physicochemical characterizations, and in vitro studies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1803-1809	6.1	12
50	Paraburkholderia panacihumi sp. nov., an isolate from ginseng-cultivated soil, is antagonistic against root rot fungal pathogen. <i>Archives of Microbiology</i> , 2018 , 200, 1151-1158	3	12
49	Pathogenesis strategies and regulation of ginsenosides by two species of in : power of speciation. <i>Journal of Ginseng Research</i> , 2020 , 44, 332-340	5.8	12
48	Facile and green synthesis of zinc oxide particles by Stevia Rebaudiana and its in vitro photocatalytic activity. <i>Inorganic and Nano-Metal Chemistry</i> , 2019 , 49, 1-6	1.2	11
47	Paenibacillus kyungheensis sp. nov., isolated from flowers of magnolia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3959-3964	2.2	11
46	Rhizome of Anemarrhena asphodeloides as mediators of the eco-friendly synthesis of silver and gold spherical, face-centred cubic nanocrystals and its anti-migratory and cytotoxic potential in normal and cancer cell lines. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 285-294	6.1	10
45	Therapeutic potential of compound K as an IKK inhibitor with implications for osteoarthritis prevention: an in silico and in vitro study. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016 , 52, 895-905	2.6	10
44	Rhizobium panacihumi sp. nov., an isolate from ginseng-cultivated soil, as a potential plant growth promoting bacterium. <i>Archives of Microbiology</i> , 2019 , 201, 99-105	3	10
43	Gold Nanoparticles Synthesized with Fresh Leaf Extract Suppress Adipogenesis by Downregulating PPAR/CEBP Signaling in 3T3-L1 Mature Adipocytes. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 701-708	1.3	9
42	Genomic Characterization of a Newly Isolated Rhizobacteria Sphingomonas panacis Reveals Plant Growth Promoting Effect to Rice. <i>Biotechnology and Bioprocess Engineering</i> , 2019 , 24, 119-125	3.1	8
41	In silico screening of ginsenoside Rh1 with PPAR α and in vitro analysis on 3T3-L1 cell line. <i>Molecular Simulation</i> , 2015 , 41, 1219-1226	2	8
40	Complete genome sequence of DCY84, a novel plant Symbiont that promotes growth via induced systemic resistance. <i>Standards in Genomic Sciences</i> , 2017 , 12, 63		8

39	Overexpression of sesquiterpene synthase gene confers tolerance against pv. in. <i>Physiology and Molecular Biology of Plants</i> , 2016 , 22, 485-495	2.8	8
38	<i>Rhodoferax koreense</i> sp. nov, an obligately aerobic bacterium within the family Comamonadaceae, and emended description of the genus <i>Rhodoferax</i> . <i>Journal of Microbiology</i> , 2017 , 55, 767-774	3	7
37	6-Methoxyflavonols from the aerial parts of <i>Tetragonia tetragonoides</i> (Pall.) Kuntze and their anti-inflammatory activity. <i>Bioorganic Chemistry</i> , 2019 , 88, 102922	5.1	7
36	<i>Phenylobacterium panacis</i> sp. nov., isolated from the rhizosphere of rusty mountain ginseng. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2691-2696	2.2	7
35	Biosynthetic gold nanoparticles of <i>Hibiscus syriacus</i> L. callus potentiates anti-inflammation efficacy via an autophagy-dependent mechanism. <i>Materials Science and Engineering C</i> , 2021 , 124, 112035	8.3	7
34	Citral Induced Apoptosis through Modulation of Key Genes Involved in Fatty Acid Biosynthesis in Human Prostate Cancer Cells: and Study. <i>BioMed Research International</i> , 2020 , 2020, 6040727	3	7
33	Integrated transcriptome and in vitro analysis revealed anti-proliferative effect of citral in human stomach cancer through apoptosis. <i>Scientific Reports</i> , 2019 , 9, 4883	4.9	6
32	<i>Chryseobacterium ginsengiterrae</i> sp. nov., with Beta-Glucosidase Activity Isolated from Soil of a Ginseng Field. <i>Current Microbiology</i> , 2017 , 74, 1417-1424	2.4	6
31	<i>Flavobacterium panacis</i> sp. nov., isolated from rhizosphere of <i>Panax ginseng</i> . <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 1199-208	2.1	6
30	Genome-Wide Transcriptome Analysis of Rice Seedlings after Seed Dressing with DCY84 and Silicon. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
29	Protective Effects of Extract against Ultraviolet B-Induced Photoaging in Normal Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	6
28	<i>Achromobacter panacis</i> sp. nov., isolated from rhizosphere of <i>Panax ginseng</i> . <i>Journal of Microbiology</i> , 2017 , 55, 428-434	3	5
27	Synthesis of hyaluronic acid or O-carboxymethyl chitosan-stabilized ZnO@ginsenoside Rh2 nanocomposites incorporated with aqueous leaf extract of <i>Dendropanax morbifera</i> L'Veille: in vitro studies as potential sunscreen agents. <i>New Journal of Chemistry</i> , 2019 , 43, 9188-9200	3.6	5
26	Evaluation of the sub-acute toxicity of <i>Acacia catechu</i> Willd seed extract in a Wistar albino rat model. <i>Regulatory Toxicology and Pharmacology</i> , 2020 , 113, 104640	3.4	5
25	<i>Chryseobacterium panacis</i> sp. nov., isolated from ginseng soil. <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 187-96	2.1	5
24	Re-Analysis of 16S Amplicon Sequencing Data Reveals Soil Microbial Population Shifts in Rice Fields under Drought Condition. <i>Rice</i> , 2020 , 13, 44	5.8	5
23	Silicon confers protective effect against ginseng root rot by regulating sugar efflux into apoplast. <i>Scientific Reports</i> , 2019 , 9, 18259	4.9	5
22	Glycosyltransformation of ginsenoside Rh2 into two novel ginsenosides using recombinant glycosyltransferase from and its applications. <i>Journal of Ginseng Research</i> , 2021 , 45, 48-57	5.8	5

21	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
20	Facile reduction and stabilization of ginsenoside-functionalized gold nanoparticles: optimization, characterization, and in vitro cytotoxicity studies. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	4
19	Enzymatically Synthesized Ginsenoside Exhibits Antiproliferative Activity in Various Cancer Cell Lines. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 893	2.6	4
18	Pedobacter panacis sp. nov., isolated from Panax ginseng soil. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 235-244	2.1	4
17	Computational Investigation of Ginsenoside F1 from Meyer as p38 MAP Kinase Inhibitor: Molecular Docking and Dynamics Simulations, ADMET Analysis, and Drug Likeness Prediction. <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 1318-1327	1.1	4
16	Microbacterium rhizomatis sp. nov., a β -glucosidase-producing bacterium isolated from rhizome of Korean mountain ginseng. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3196-3202	2.2	4
15	Paenibacillus panaciterrae sp. nov., isolated from ginseng-cultivated soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4080-4086	2.2	4
14	Biosynthesis of gold nanoparticles using Nigella sativa and Curtobacterium proimmune K3 and evaluation of their anticancer activity. <i>Materials Science and Engineering C</i> , 2021 , 127, 112214	8.3	4
13	Enzymatic Formation of Novel Ginsenoside Rg1- β -Glucosides by Rat Intestinal Homogenates. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 177, 1701-15	3.2	3
12	Labrys soli sp. nov., isolated from the rhizosphere of ginseng. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3913-3919	2.2	3
11	Gold Nanoparticles Prepared with Fruit Extract and subsp. Can Induce Apoptosis via Mitochondrial Impairment with Inhibition of Autophagy in the Human Gastric Carcinoma Cell Line AGS. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
10	Discovery of a new primer set for detection and quantification of in soils for ginseng cultivation. <i>Journal of Ginseng Research</i> , 2019 , 43, 1-9	5.8	3
9	One-Pot Synthesis of Homogeneous EuF3 Nanoplates: A Near-Ultraviolet Light-Induced Red-Emitting Bifunctional Platform for in vitro Cell Imaging and Solid-State Lighting. <i>ChemistrySelect</i> , 2019 , 4, 2275-2280	1.8	2
8	Paenibacillus panacihumi sp. nov., a potential plant growth-promoting bacterium isolated from ginseng-cultivated soil. <i>Archives of Microbiology</i> , 2018 , 200, 1049-1055	3	2
7	Immune-enhancing effects of postbiotic produced by Bacillus velezensis Kh2-2 isolated from Korea Foods.. <i>Food Research International</i> , 2022 , 152, 110911	7	2
6	Biosynthesis and cytotoxic effect of silymarin-functionalized selenium nanoparticles induced autophagy mediated cellular apoptosis via downregulation of PI3K/Akt/mTOR pathway in gastric cancer.. <i>Phytomedicine</i> , 2022 , 99, 154014	6.5	2
5	Paenibacillus puernese sp. nov., a β -glucosidase-producing bacterium isolated from Pu-er tea. <i>Archives of Microbiology</i> , 2016 , 198, 211-7	3	1
4	Whitening and inhibiting NF-B-mediated inflammation properties of the biotransformed green ginseng berry of new cultivar K1, ginsenoside Rg2 enriched, on B16 and LPS-stimulated RAW 264.7 cells. <i>Journal of Ginseng Research</i> , 2021 , 45, 631-641	5.8	1

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| 3 | The Immune-Enhancing Properties of Hwanglyeonhaedok-Tang-Mediated Biosynthesized Gold Nanoparticles in Macrophages and Splenocytes.. <i>International Journal of Nanomedicine</i> , 2022 , 17, 477-494 | 7.3 | o |
| 2 | Chemical Distance Measurement and System Pharmacology Approach Uncover the Novel Protective Effects of Biotransformed Ginsenoside C-Mc against UVB-Irradiated Photoaging.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 4691576 | 6.7 | o |
| 1 | Hibiscus syriacus L. cultivated in callus culture exerts cytotoxicity in colorectal cancer via Notch signaling-mediated cholesterol biosynthesis suppression.. <i>Phytomedicine</i> , 2021 , 95, 153870 | 6.5 | o |