Deok-Chun Yang

List of Publications by Year in Descending Order

135 papers	4,828 citations	38 h-index	65 g-index
144 ext. papers	5,987 ext. citations	4.5 avg, IF	6.05 L-index

#	Paper	IF	Citations
135	Gold Nanoparticles Green-Synthesized by the Suaeda japonica Leaf Extract and Screening of Anti-Inflammatory Activities on RAW 267.4 Macrophages. *Coatings*, **2022**, 12, 460	2.9	1
134	Terminalia ferdinandiana (Kakadu Plum)-Mediated Bio-Synthesized ZnO Nanoparticles for Enhancement of Anti-Lung Cancer and Anti-Inflammatory Activities. *Applied Sciences (Switzerland)*, **2022**, 12, 3081	2.6	2
133	Protective Effect and Potential Antioxidant Role of Kakadu Plum Extracts on Alcohol-Induced Oxidative Damage in HepG2 Cells. *Applied Sciences (Switzerland)*, **2022**, 12, 236	2.6	4
132	Fermented Antler Recovers Stamina, Muscle Strength and Muscle Mass in Middle-Aged Mice. *Applied Sciences (Switzerland)*, **2022**, 12, 106	2.6	2
131	Antimicrobial, antioxidant, and anticancer potentials of AgCl nanoparticles biosynthesized by Flavobacterium panacis. *Applied Physics A: Materials Science and Processing*, **2021**, 127, 1	2.6	3
130	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. *Journal of Ginseng Research*, **2021**, 45, 631-641	5.8	1
129	Siderophore-producing rhizobacteria reduce heavy metal-induced oxidative stress in Meyer. *Journal of Ginseng Research*, **2021**, 45, 218-227	5.8	15
128	Glycosyltransformation of ginsenoside Rh2 into two novel ginsenosides using recombinant glycosyltransferase from and its applications. *Journal of Ginseng Research*, **2021**, 45, 48-57	5.8	5
127	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. *Processes*, **2021**, 9, 227	2.9	2
126	Bombilactobacillus apium sp. nov., isolated from the gut of honeybee (Apis cerana). *Archives of Microbiology*, **2021**, 203, 2193-2198	3	1
125	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. *Optik*, **2021**, 239, 166249	2.5	16
124	Synthesis and characterization of glycol chitosan coated selenium nanoparticles acts synergistically to alleviate oxidative stress and increase ginsenoside content in Panax ginseng. *Carbohydrate Polymers*, **2021**, 267, 118195	10.3	5
123	In Vitro Evaluation of Anti-Lung Cancer and Anti-COVID-19 Effects using Fermented Black Color Ginseng Extract. *Natural Product Communications*, **2021**, 16, 1934578X2110343	0.9	1
122	Scale-up of green synthesis and characterization of silver nanoparticles using ethanol extract of Plantago major L. leaf and its antibacterial potential. *South African Journal of Chemical Engineering*, **2021**, 38, 1-8	3.2	5
121	Ginsenosides Conversion and Anti-Oxidant Activities in Puffed Cultured Roots of Mountain Ginseng. *Processes*, **2021**, 9, 2271	2.9	0
120	Fungus Extracts-Mediated Nanoemulsion for Improvement Antioxidant, Antimicrobial, and Anti-Inflammatory Activities. *Molecules*, **2020**, 25,	4.8	7
119	Biosynthesis of gold and silver nanoparticles from Scutellaria baicalensis roots and in vitro applications. *Applied Physics A: Materials Science and Processing*, **2020**, 126, 1	2.6	5

118	Characteristics of Cultivars in Korea and China. *Molecules*, **2020**, 25,	4.8	19
117	Phytosynthesis of silver nanoparticles using rhizome extract of Alpinia officinarum and their photocatalytic removal of dye under UV and visible light irradiation. *Optik*, **2020**, 208, 164521	2.5	9
116	Paraburkholderia panacisoli sp. nov., a potentially antagonistic bacterium against the root rot fungal pathogen Cylindrocarpon destructans, isolated from ginseng cultivation soil. *Archives of Microbiology*, **2020**, 202, 1341-1347	3	2
115	Comprehensive Genome Analysis on the Novel Species DCY99 Reveals Insights into Iron Tolerance of Ginseng. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
114	Anti-obesity Effect of Gold Nanoparticles fromDendropanax morbifera Léilleby Suppression of Triglyceride Synthesis and Downregulation of PPARγand CEBPαSignaling Pathways in 3T3-L1 Mature Adipocytes and HepG2 Cells. *Current Nanoscience*, **2020**, 16, 196-203	1.4	5
113	Diversity of Ginsenoside Profiles Produced by Various Processing Technologies. *Molecules*, **2020**, 25,	4.8	11
112	Mass production of coumestrol from soybean (Glycine max) adventitious roots through bioreactor: effect on collagen production. *Plant Biotechnology Reports*, **2020**, 14, 99-110	2.5	5
111	Biosynthesis of zinc oxide nanoparticles by one-pot green synthesis using fruit extract of Amomum longiligulare and its activity as a photocatalyst. *Optik*, **2020**, 218, 165245	2.5	24
110	Advances in Saponin Diversity of. *Molecules*, **2020**, 25,	4.8	15
109	Extract-Mediated ZnO Nanoparticles Loaded with Indole-3-Carbinol for Enhancement of Anticancer Efficacy in the A549 Human Lung Carcinoma Cell Line. *Materials*, **2020**, 13,	3.5	7
108	Molecular and morphological discrimination of Chrysanthemum indicum using allele-specific PCR and T-shaped trichome. *Molecular Biology Reports*, **2020**, 47, 7699-7708	2.8	2
107	Pathogenesis strategies and regulation of ginsenosides by two species of in : power of speciation. *Journal of Ginseng Research*, **2020**, 44, 332-340	5.8	12
106	Interspecies hybrids of Panax ginseng Meyer new line 0837 and Panax quinquefolius generated superior F1 hybrids with greater biomass and ginsenoside contents. *Horticulture Environment and Biotechnology*, **2019**, 60, 573-583	2	3
105	Development of Lactobacillus kimchicus DCY51-mediated gold nanoparticles for delivery of ginsenoside compound K: in vitro photothermal effects and apoptosis detection in cancer cells. *Artificial Cells, Nanomedicine and Biotechnology*, **2019**, 47, 30-44	6.1	20
104	Synthesis of hyaluronic acid or O-carboxymethyl chitosan-stabilized ZnOginsenoside Rh2 nanocomposites incorporated with aqueous leaf extract of Dendropanax morbifera Léille: in vitro studies as potential sunscreen agents. *New Journal of Chemistry*, **2019**, 43, 9188-9200	3.6	5
103	mACPpred: A Support Vector Machine-Based Meta-Predictor for Identification of Anticancer Peptides. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	90
102	Green synthesis of zinc oxide nanoparticles from root extract of Scutellaria baicalensis and its photocatalytic degradation activity using methylene blue. *Optik*, **2019**, 184, 324-329	2.5	54
101	Facile and green synthesis of zinc oxide particles by Stevia Rebaudiana and its in vitro photocatalytic activity. *Inorganic and Nano-Metal Chemistry*, **2019**, 49, 1-6	1.2	11

100	Photocatalytic degradation of industrial dyes using Ag and Au nanoparticles synthesized from Angelica gigas ribbed stem extracts. *Optik*, **2019**, 185, 1213-1219	2.5	20
99	Genomic Characterization of a Newly Isolated Rhizobacteria Sphingomonas panacis Reveals Plant Growth Promoting Effect to Rice. *Biotechnology and Bioprocess Engineering*, **2019**, 24, 119-125	3.1	8
98	Synthesis of panos extract mediated ZnO nano-flowers as photocatalyst for industrial dye degradation by UV illumination. *Journal of Photochemistry and Photobiology B: Biology*, **2019**, 199, 111588	6.7	57
97	Chloroplast DNA-derived markers for the authentication of oriental medicinal Rubus species and mistaken identity of bokbunja in the local markets of Korea. *Plant Biotechnology Reports*, **2019**, 13, 305-314	2.5	4
96	Development of species-specific chloroplast markers for the authentication of Gynostemma pentaphyllum and their distribution in the Korean peninsula. *Fitoterapia*, **2019**, 138, 104295	3.2	6
95	Photoluminescent And Self-Assembled Hyaluronic Acid-Zinc Oxide-Ginsenoside Rh2 Nanoparticles And Their Potential Caspase-9 Apoptotic Mechanism Towards Cancer Cell Lines. *International Journal of Nanomedicine*, **2019**, 14, 8195-8208	7.3	20
94	Cordyceps militaris fungus mediated Zinc Oxide nanoparticles for the photocatalytic degradation of Methylene blue dye. *Optik*, **2019**, 183, 691-697	2.5	39
93	Synthesis of a Zinc Oxide Nanoflower Photocatalyst from Sea Buckthorn Fruit for Degradation of Industrial Dyes in Wastewater Treatment. *Nanomaterials*, **2019**, 9,	5.4	37
92	Preparation of Polyethylene Glycol-Ginsenoside Rh1 and Rh2 Conjugates and Their Efficacy against Lung Cancer and Inflammation. *Molecules*, **2019**, 24,	4.8	13
91	Silicon confers protective effect against ginseng root rot by regulating sugar efflux into apoplast. *Scientific Reports*, **2019**, 9, 18259	4.9	5
90	Photocatalytic degradation of methylene blue using biosynthesized zinc oxide nanoparticles from bark extract of Kalopanax septemlobus. *Optik*, **2019**, 182, 980-985	2.5	51
89	Zinc oxide nanoparticles synthesized by Suaeda japonica Makino and their photocatalytic degradation of methylene blue. *Optik*, **2019**, 182, 1015-1020	2.5	29
88	Facile synthesis of Au and Ag nanoparticles using fruit extract of Lycium chinense and their anticancer activity. *Journal of Drug Delivery Science and Technology*, **2019**, 49, 308-315	4.5	35
87	Room temperature synthesis of germanium dioxide nanorods and their in vitro photocatalytic application. *Optik*, **2019**, 178, 664-668	2.5	13
86	Genome and evolution of the shade-requiring medicinal herb Panax ginseng. *Plant Biotechnology Journal*, **2018**, 16, 1904-1917	11.6	77
85	Fermentation of soybean hull by Monascus pilosus and elucidation of its related molecular mechanism involved in the inhibition of lipid accumulation. An in silico and in vitro approach. *Journal of Food Biochemistry*, **2018**, 42, e12442	3.3	6
84	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. *Biomedicine and Pharmacotherapy*, **2018**, 99, 128-133	7.5	36
83	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. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 285-294	6.1	10

82	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. *Journal of Ginseng Research*, **2018**, 42, 42-49	5.8	32
81	Assessment of radical scavenging, whitening and moisture retention activities of Panax ginseng berry mediated gold nanoparticles as safe and efficient novel cosmetic material. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 333-340	6.1	24
80	Applications of leaves-mediated gold nanoparticles in cosmetics relation to antioxidant, moisture retention, and whitening effect on B16BL6 cells. *Journal of Ginseng Research*, **2018**, 42, 327-333	5.8	37
79	-species complex:˙Causative agent of ginseng root-rot disease and˙rusty˙symptoms. *Journal of Ginseng Research*, **2018**, 42, 9-15	5.8	53
78	Molecular signaling of ginsenosides Rb1, Rg1, and Rg3 and their mode of actions. *Journal of Ginseng Research*, **2018**, 42, 123-132	5.8	111
77	Cardamom fruits as a green resource for facile synthesis of gold and silver nanoparticles and their biological applications. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 108-117	6.1	75
76	Biological synthesis of gold and silver chloride nanoparticles by Glycyrrhiza uralensis and in vitro applications. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 303-312	6.1	60
75	Biosynthesized gold and silver nanoparticles by aqueous fruit extract of Chaenomeles sinensis and screening of their biomedical activities. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 599-606	6.1	43
74	Synthesis of zinc oxide nanoparticles from immature fruits of Rubus coreanus and its catalytic activity for degradation of industrial dye. *Optik*, **2018**, 172, 1179-1186	2.5	37
73	Biosynthesis of gold and silver chloride nanoparticles mediated by Crataegus pinnatifida fruit extract: in vitro study of anti-inflammatory activities. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 1530-1540	6.1	16
72	In vitro anti-inflammatory activity of spherical silver nanoparticles and monodisperse hexagonal gold nanoparticles by fruit extract of Prunus serrulata: a green synthetic approach. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 2022-2032	6.1	52
71	Gold nanoflowers synthesized using Acanthopanacis cortex extract inhibit inflammatory mediators in LPS-induced RAW264.7 macrophages via NF-B and AP-1 pathways. *Colloids and Surfaces B: Biointerfaces*, **2018**, 162, 398-404	6	30
70	Metabolic dynamics and physiological adaptation of Panax ginseng during development. *Plant Cell Reports*, **2018**, 37, 393-410	5.1	18
69	Synthesis of a Novel -Glucosyl Ginsenoside F1 by Cyclodextrin Glucanotransferase and Its In Vitro Cosmetic Applications. *Biomolecules*, **2018**, 8,	5.9	12
68	Development of a single-nucleotide-polymorphism marker for specific authentication of Korean ginseng (Meyer) new cultivar "G-1". *Journal of Ginseng Research*, **2017**, 41, 31-35	5.8	8
67	Biosynthesis, Characterization, and Bioactivities Evaluation of Silver and Gold Nanoparticles Mediated by the Roots of Chinese Herbal Angelica pubescens Maxim. *Nanoscale Research Letters*, **2017**, 12, 46	5	66
66	Ginsenoside F1 attenuates lipid accumulation and triglycerides content in 3T3-L1 adipocytes with the modulation of reactive oxygen species (ROS) production through PPAR-JAK2 signaling responses. *Medicinal Chemistry Research*, **2017**, 26, 1042-1051	2.2	3
65	Bovine serum albumin as a nanocarrier for the efficient delivery of ginsenoside compound K: preparation, physicochemical characterizations and in vitro biological studies. *RSC Advances*, **2017**, 7, 15397-15407	3.7	37

64	Green synthesis of gold and silver nanoparticles using aqueous extract of Cibotium barometz root. *Artificial Cells, Nanomedicine and Biotechnology*, **2017**, 45, 1548-1555	6.1	35
63	Cross Interaction Between Ilyonectria mors-panacis Isolates Infecting Korean Ginseng and Ginseng Saponins in Correlation with Their Pathogenicity. *Phytopathology*, **2017**, 107, 561-569	3.8	12
62	Facile reduction and stabilization of ginsenoside-functionalized gold nanoparticles: optimization, characterization, and in vitro cytotoxicity studies. *Journal of Nanoparticle Research*, **2017**, 19, 1	2.3	4
61	In situ preparation of water-soluble ginsenoside Rh2-entrapped bovine serum albumin nanoparticles: in vitro cytocompatibility studies. *International Journal of Nanomedicine*, **2017**, 12, 4073-4084	7.3	25
60	Complete genome sequence of DCY84, a novel plant Symbiont that promotes growth via induced systemic resistance. *Standards in Genomic Sciences*, **2017**, 12, 63		8
59	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. *Biomedicine and Pharmacotherapy*, **2017**, 93, 995-1003	7.5	28
58	Engineering of mesoporous silica nanoparticles for release of ginsenoside CK and Rh2 to enhance their anticancer and anti-inflammatory efficacy: in vitro studies. *Journal of Nanoparticle Research*, **2017**, 19, 1	2.3	17
57	Functional Genomic Approaches in Plant Research **2017**, 215-239		4
56	Pharmacological importance, characterization and applications of gold and silver nanoparticles synthesized by Panax ginseng fresh leaves. *Artificial Cells, Nanomedicine and Biotechnology*, **2017**, 45, 1415-1424	6.1	28
55	Gold nanoparticles synthesized using Panax ginseng leaves suppress inflammatory - mediators production via blockade of NF-B activation in macrophages. *Artificial Cells, Nanomedicine and Biotechnology*, **2017**, 45, 270-276	6.1	30
54	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. *International Journal of Nanomedicine*, **2017**, 12, 709-723	7.3	62
53	NOVEL APPLICATION OF CULTURED ROOTS OF MOUNTAIN GINSENG (PANAX GINSENG MEYER) AND GINSENOSIDE RE AS SAFE ANTIMELANOGENIC COSMECEUTICAL COMPONENTS. *Tropical Journal of Obstetrics and Gynaecology*, **2017**, 14, 209-218	0.3	6
52	Microbial synthesis of Flower-shaped gold nanoparticles. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1469-74	6.1	41
51	Biogenic silver and gold nanoparticles synthesized using red ginseng root extract, and their applications. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 811-6	6.1	63
50	Green synthesis of silver nanoparticles by Bacillus methylotrophicus, and their antimicrobial activity. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1127-32	6.1	88
49	The development of a green approach for the biosynthesis of silver and gold nanoparticles by using Panax ginseng root extract, and their biological applications. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1150-7	6.1	61
48	Anticancer activity of silver nanoparticles from Panax ginseng fresh leaves in human cancer cells. *Biomedicine and Pharmacotherapy*, **2016**, 84, 158-165	7.5	86
47	Enzymatic transformation of ginseng leaf saponin by recombinant -glucosidase (bgp1) and its efficacy in an adipocyte cell line. *Biotechnology and Applied Biochemistry*, **2016**, 63, 532-8	2.8	13

46	Silver nanoparticles from Dendropanax morbifera Léveille inhibit cell migration, induce apoptosis, and increase generation of reactive oxygen species in A549 lung cancer cells. *In Vitro Cellular and Developmental Biology - Animal*, **2016**, 52, 1012-1019	2.6	23
45	Discrimination of Korean ginseng (Meyer) cultivar Chunpoong and American ginseng () using the gene. *Journal of Ginseng Research*, **2016**, 40, 395-399	5.8	3
44	Extracellular synthesis of silver and gold nanoparticles by Sporosarcina koreensis DC4 and their biological applications. *Enzyme and Microbial Technology*, **2016**, 86, 75-83	3.8	117
43	Development of interspecies hybrids to increase ginseng biomass and ginsenoside yield. *Plant Cell Reports*, **2016**, 35, 779-90	5.1	7
42	Microbial deglycosylation and ketonization of ginsenoside by Cladosporium cladosporioide and their anticancer activity. *Antonie Van Leeuwenhoek*, **2016**, 109, 179-85	2.1	6
41	Ginsenoside Rg5:Rk1 attenuates TNF-α/IFN-γ-induced production of thymus- and activation-regulated chemokine (TARC/CCL17) and LPS-induced NO production via downregulation of NF-κB/p38 MAPK/STAT1 signaling in human keratinocytes and macrophages. *In Vitro Cellular and Developmental Biology - Animal*, **2016**, 52, 287-295	2.6	51
40	A strategic approach for rapid synthesis of gold and silver nanoparticles by Panax ginseng leaves. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1949-1957	6.1	116
39	Protopanaxadiol aglycone ginsenoside-polyethylene glycol conjugates: synthesis, physicochemical characterizations, and in vitro studies. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1803-1809	6.1	12
38	Characterization and antimicrobial application of biosynthesized gold and silver nanoparticles by using Microbacterium resistens. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1714-21	6.1	29
37	Coalescence of functional gold and monodisperse silver nanoparticles mediated by black Meyer root extract. *International Journal of Nanomedicine*, **2016**, 11, 6621-6634	7.3	19
36	Green synthesis of multifunctional silver and gold nanoparticles from the oriental herbal adaptogen: Siberian ginseng. *International Journal of Nanomedicine*, **2016**, 11, 3131-43	7.3	55
35	Rapid green synthesis of silver and gold nanoparticles using Dendropanax morbifera leaf extract and their anticancer activities. *International Journal of Nanomedicine*, **2016**, 11, 3691-701	7.3	85
34	Flavobacterium panacis sp. nov., isolated from rhizosphere of Panax ginseng. *Antonie Van Leeuwenhoek*, **2016**, 109, 1199-208	2.1	6
33	Suppression of MAPKs/NF-κB Activation Induces Intestinal Anti-Inflammatory Action of Ginsenoside Rf in HT-29 and RAW264.7 Cells. *Immunological Investigations*, **2016**, 45, 439-49	2.9	29
32	Biological Synthesis of Nanoparticles from Plants and Microorganisms. *Trends in Biotechnology*, **2016**, 34, 588-599	15.1	796
31	Intracellular synthesis of gold nanoparticles with antioxidant activity by probiotic Lactobacillus kimchicus DCY51 isolated from Korean kimchi. *Enzyme and Microbial Technology*, **2016**, 95, 85-93	3.8	88
30	PgLOX6 encoding a lipoxygenase contributes to jasmonic acid biosynthesis and ginsenoside production in Panax ginseng. *Journal of Experimental Botany*, **2016**, 67, 6007-6019	7	16
29	Burkholderia ginsengiterrae sp. nov. and Burkholderia panaciterrae sp. nov., antagonistic bacteria against root rot pathogen Cylindrocarpon destructans, isolated from ginseng soil. *Archives of Microbiology*, **2015**, 197, 439-47	3	38

28	Structural investigation of ginsenoside Rf with PPAR major transcriptional factor of adipogenesis and its impact on adipocyte. *Journal of Ginseng Research*, **2015**, 39, 141-7	5.8	24
27	In silico screening of ginsenoside Rh1 with PPAR and in vitro analysis on 3T3-L1 cell line. *Molecular Simulation*, **2015**, 41, 1219-1226	2	8
26	Effect of white, red and black ginseng on physicochemical properties and ginsenosides. *Plant Foods for Human Nutrition*, **2015**, 70, 141-5	3.9	61
25	Biosynthesis and biotechnological production of ginsenosides. *Biotechnology Advances*, **2015**, 33, 717-35	17.8	191
24	Biosynthesis, characterization, and antimicrobial applications of silver nanoparticles. *International Journal of Nanomedicine*, **2015**, 10, 2567-77	7.3	117
23	Enzymatic Formation of Novel Ginsenoside Rg1- Glucosides by Rat Intestinal Homogenates. *Applied Biochemistry and Biotechnology*, **2015**, 177, 1701-15	3.2	3
22	Paralcaligenes ginsengisoli sp. nov., isolated from ginseng cultivated soil. *Antonie Van Leeuwenhoek* , **2015**, 108, 619-26	2.1	7
21	Ginsenoside F2 possesses anti-obesity activity via binding with PPAR and inhibiting adipocyte differentiation in the 3T3-L1 cell line. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 9-14	5.6	33
20	Biosynthesis of Anisotropic Silver Nanoparticles byBhargavaea indicaand Their Synergistic Effect with Antibiotics against Pathogenic Microorganisms. *Journal of Nanomaterials*, **2015**, 2015, 1-10	3.2	45
19	Inhibition of Osteoclast Differentiation by Ginsenoside Rg3 in RAW264.7 Cells via RANKL, JNK and p38 MAPK Pathways Through a Modulation of Cathepsin K: An In Silico and In Vitro Study. *Phytotherapy Research*, **2015**, 29, 1286-1294	6.7	26
18	Paenibacillus yonginensis DCY84(T) induces changes in Arabidopsis thaliana gene expression against aluminum, drought, and salt stress. *Microbiological Research*, **2015**, 172, 7-15	5.3	71
17	Lactobacillus vespulae sp. nov., isolated from gut of a queen wasp (Vespula vulgaris). *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 3326-3332	2.2	6
16	Synthesis and pharmacokinetic characterization of a pH-sensitive polyethylene glycol ginsenoside CK (PEG-CK) conjugate. *Bioscience, Biotechnology and Biochemistry*, **2014**, 78, 466-8	2.1	14
15	Ginsenoside compound K-bearing glycol chitosan conjugates: synthesis, physicochemical characterization, and in vitro biological studies. *Carbohydrate Polymers*, **2014**, 112, 359-66	10.3	52
14	Ginseng and obesity: Observations from assorted perspectives. *Food Science and Biotechnology*, **2014**, 23, 1007-1016	3	8
13	Functional analysis of 3-hydroxy-3-methylglutaryl coenzyme a reductase encoding genes in triterpene saponin-producing ginseng. *Plant Physiology*, **2014**, 165, 373-87	6.6	90
12	Transcript expression profiling for adventitious roots of Panax ginseng Meyer. *Gene*, **2014**, 546, 89-96	3.8	30
11	Microbial ketonization of ginsenosides F1 and C-K by Lactobacillus brevis. *Antonie Van Leeuwenhoek*, **2014**, 106, 1215-21	2.1	7

10	Ginsenoside profiles and related gene expression during foliation in Panax ginseng Meyer. *Journal of Ginseng Research*, **2014**, 38, 66-72	5.8	84
9	Three New Ginsenosides from the Heat-Processed Roots of Panax ginseng. *Chemistry of Natural Compounds*, **2013**, 49, 882-887	0.7	10
8	Ginseng saponins and the treatment of osteoporosis: mini literature review. *Journal of Ginseng Research*, **2013**, 37, 261-8	5.8	52
7	Insilico profiling of microRNAs in Korean ginseng (Panax ginseng Meyer). *Journal of Ginseng Research*, **2013**, 37, 227-47	5.8	25
6	Enzymatic biotransformation of ginsenoside Rb1 to compound K by recombinant □glucosidase from Microbacterium esteraromaticum. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 3776-81	5.7	54
5	Enzymatic Transformation of Ginsenoside Rb1 by Lactobacillus pentosus Strain 6105 from Kimchi. *Journal of Ginseng Research*, **2012**, 36, 291-7	5.8	21
4	Chemical conversion of ginsenosides in puffed red ginseng. *LWT - Food Science and Technology*, **2011**, 44, 370-374	5.4	34
3	Bioconversion of ginsenoside Rb1 into compound K by Leuconostoc citreum LH1 isolated from kimchi. *Brazilian Journal of Microbiology*, **2011**, 42, 1227-1237	2.2	34
2	Transcript profiling of antioxidant genes during biotic and abiotic stresses in Panax ginseng C. A. Meyer. *Molecular Biology Reports*, **2011**, 38, 2761-9	2.8	38
1	Molecular identification of oriental medicinal plant Schizonepeta tenuifolia bunge (Hyung-Gae) by multiplex PCR. *Plant Biotechnology Reports*, **2010**, 4, 223-228	2.5	6