

Myeong-Hyeon Wang

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

4,768
citations

94433

37
h-index

149698

56
g-index

194
all docs

194
docs citations

194
times ranked

5341
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel Î±-glucosidase inhibitor from pine bark. <i>Carbohydrate Research</i> , 2004, 339, 715-717.	2.3	237
2	ABA promotes quiescence of the quiescent centre and suppresses stem cell differentiation in the <i>Arabidopsis</i> primary root meristem. <i>Plant Journal</i> , 2010, 64, 764-774.	5.7	182
3	Biosynthesis and characterization of copper oxide nanoparticles from indigenous fungi and its effect of photothermolysis on human lung carcinoma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 190, 103-109.	3.8	137
4	Physical and bioactivities of biopolymeric films incorporated with cellulose, sodium alginate and copper oxide nanoparticles for food packaging application. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 207-214.	7.5	134
5	<p>Mycosynthesis, characterization, anticancer and antibacterial activity of silver nanoparticles from endophytic fungus Talaromyces purpureogenus<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3427-3438.	6.7	105
6	Garlic clove extract assisted silver nanoparticle “ Antibacterial, antibiofilm, antihelminthic, anti-inflammatory, anticancer and ecotoxicity assessment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 198, 111558.	3.8	103
7	Biocompatible fungal chitosan encapsulated phytogetic silver nanoparticles enhanced antidiabetic, antioxidant and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 63-71.	7.5	102
8	Folic acid functionalized starch encapsulated green synthesized copper oxide nanoparticles for targeted drug delivery in breast cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2073-2084.	7.5	92
9	Free radical scavenging and total phenolic contents from methanolic extracts of <i>Ulmus davidiana</i> . <i>Food Chemistry</i> , 2008, 108, 482-487.	8.2	90
10	Green synthesis and characterization of biologically active nanosilver from seed extract of <i>Gardenia jasminoides</i> Ellis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 126-135.	3.8	79
11	Chemical composition, antioxidant, and anti-diabetic activities of ethyl acetate fraction of <i>Stachys riederi</i> var. <i>japonica</i> (Miq.) in streptozotocin-induced type 2 diabetic mice. <i>Food and Chemical Toxicology</i> , 2021, 155, 112374.	3.6	79
12	Unveiling the potentials of biocompatible silver nanoparticles on human lung carcinoma A549 cells and <i>Helicobacter pylori</i> . <i>Scientific Reports</i> , 2019, 9, 5787.	3.3	70
13	Ultraviolet A-specific induction of anthocyanin biosynthesis and PAL expression in tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Over 3.4 68		
14	pH-controlled nucleolin targeted release of dual drug from chitosan-gold based aptamer functionalized nano drug delivery system for improved glioblastoma treatment. <i>Carbohydrate Polymers</i> , 2021, 262, 117907.	10.2	67
15	<i>Trichoderma</i> based synthesis of anti-pathogenic silver nanoparticles and their characterization, antioxidant and cytotoxicity properties. <i>Microbial Pathogenesis</i> , 2018, 114, 269-273.	2.9	64
16	Anti-inflammatory effect of the water fraction from hawthorn fruit on LPS-stimulated RAW 264.7 cells. <i>Nutrition Research and Practice</i> , 2011, 5, 101.	1.9	56
17	Biopolymer K-carrageenan wrapped ZnO nanoparticles as drug delivery vehicles for anti MRSA therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 9-18.	7.5	56
18	Antioxidant and antiproliferative properties of water extract from <i>Mahonia bealei</i> (Fort.) Carr. leaves. <i>Food and Chemical Toxicology</i> , 2011, 49, 799-806.	3.6	53

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19	N-trans-feruloyltyramine inhibits LPS-induced NO and PGE2 production in RAW 264.7 macrophages: Involvement of AP-1 and MAP kinase signalling pathways. <i>Chemico-Biological Interactions</i> , 2015, 235, 56-62.	4.0	52
20	The antioxidant and cytotoxic activities of <i>Sonchus oleraceus</i> L. extracts. <i>Nutrition Research and Practice</i> , 2007, 1, 189.	1.9	49
21	Characterization of the phenylalanine ammonia-lyase gene (SIPAL5) from tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 r _g BT /Overlock 10	2.3	49
22	Synthesis and characterization of nano-chitosan capped gold nanoparticles with multifunctional bioactive properties. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 747-757.	7.5	49
23	Tomato plants overexpressing CaKR1 enhanced tolerance to salt and oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 983-988.	2.1	47
24	Fungal enzyme-mediated synthesis of chitosan nanoparticles and its biocompatibility, antioxidant and bactericidal properties. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1542-1549.	7.5	47
25	Codonopsis lanceolata extract induces G0/G1 arrest and apoptosis in human colon tumor HT-29 cells – Involvement of ROS generation and polyamine depletion. <i>Food and Chemical Toxicology</i> , 2011, 49, 149-154.	3.6	46
26	Preparation, characterization and anti-cancer activity of graphene oxide-silver nanocomposite. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 210, 111984.	3.8	46
27	Identification of expressed sequence tags in an alkali grass (<i>Puccinellia tenuiflora</i>) cDNA library. <i>Journal of Plant Physiology</i> , 2007, 164, 78-89.	3.5	45
28	Antimicrobial and Wound Healing Properties of FeO Fabricated Chitosan/PVA Nanocomposite Sponge. <i>Antibiotics</i> , 2021, 10, 524.	3.7	45
29	Biogenic silver nanoparticles-polyvinylpyrrolidone based glycosomes coating to expand the shelf life of fresh-cut bell pepper (<i>Capsicum annuum</i> L. var. <i>grossum</i> (L.) Sendt). <i>Postharvest Biology and Technology</i> , 2020, 160, 111039.	6.0	44
30	Enhanced cancer therapy with pH-dependent and aptamer functionalized doxorubicin loaded polymeric (poly D, L-lactic-co-glycolic acid) nanoparticles. <i>Archives of Biochemistry and Biophysics</i> , 2019, 671, 143-151.	3.0	43
31	Chitosan-tea tree oil nanoemulsion and calcium chloride tailored edible coating increase the shelf life of fresh cut red bell pepper. <i>Progress in Organic Coatings</i> , 2021, 151, 106010.	3.9	43
32	Metabolite Profiling of Methanolic Extract of <i>Gardenia jamicoides</i> by LC-MS/MS and GC-MS and Its Anti-Diabetic, and Anti-Oxidant Activities. <i>Pharmaceuticals</i> , 2021, 14, 102.	3.8	43
33	Synthesis, characterization, and cytotoxicity of starch-encapsulated biogenic silver nanoparticle and its improved anti-bacterial activity. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1409-1418.	7.5	43
34	Dual stimuli-responsive release of aptamer AS1411 decorated erlotinib loaded chitosan nanoparticles for non-small-cell lung carcinoma therapy. <i>Carbohydrate Polymers</i> , 2020, 245, 116407.	10.2	43
35	Induction of cell cycle arrest and apoptosis by the ethyl acetate fraction of <i>Kalopanax pictus</i> leaves in human colon cancer cells. <i>Bioresource Technology</i> , 2010, 101, 9366-9372.	9.6	42
36	Blockade of Oxidized LDL-Triggered Endothelial Apoptosis by Quercetin and Rutin through Differential Signaling Pathways Involving JAK2. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2079-2086.	5.2	41

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37	Bioactive Potential of 2-Methoxy-4-vinylphenol and Benzofuran from Brassica oleracea L. var. capitata f. rubra (Red Cabbage) on Oxidative and Microbiological Stability of Beef Meat. <i>Foods</i> , 2020, 9, 568.	4.3	41
38	Characterization of a Stress-Responsive Ankyrin Repeat-Containing Zinc Finger Protein of Capsicum annuum (CaKR1). <i>BMB Reports</i> , 2007, 40, 952-958.	2.4	41
39	The hrpN gene of <i>Erwinia amylovora</i> stimulates tobacco growth and enhances resistance to <i>Botrytis cinerea</i> . <i>Planta</i> , 2006, 223, 449-456.	3.2	40
40	Biogenic silver embedded magnesium oxide nanoparticles induce the cytotoxicity in human prostate cancer cells. <i>Advanced Powder Technology</i> , 2019, 30, 786-794.	4.1	38
41	Expression of dehydration responsive element-binding protein-3 (DREB3) under different abiotic stresses in tomato. <i>BMB Reports</i> , 2009, 42, 611-616.	2.4	38
42	Nano Biomedical Potential of Biopolymer Chitosan-Capped Silver Nanoparticles with Special Reference to Antibacterial, Antibiofilm, Anticoagulant and Wound Dressing Material. <i>Journal of Cluster Science</i> , 2020, 31, 355-366.	3.3	37
43	Hepatoprotective and antioxidant effects of <i>Morus bombycis</i> Koidzumi on CCl ₄ -induced liver damage. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 991-995.	2.1	35
44	Zinc-chitosan nanoparticles induced apoptosis in human acute T-lymphocyte leukemia through activation of tumor necrosis factor receptor CD95 and apoptosis-related genes. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1144-1153.	7.5	35
45	Enhanced anti-lung carcinoma and anti-biofilm activity of fungal molecules mediated biogenic zinc oxide nanoparticles conjugated with β -D-glucan from barley. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111728.	3.8	35
46	The role of antioxidant enzymes of <i>E. coli</i> ASU3, a tolerant strain to heavy metals toxicity, in combating oxidative stress of copper. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 241-247.	3.6	34
47	Gusanlungionosides A-D, Potential Tyrosinase Inhibitors from <i>Arcangelisia gusanlung</i> . <i>Journal of Natural Products</i> , 2011, 74, 1009-1014.	3.0	34
48	Involvement of the p38 MAPK and ERK signaling pathway in the anti-melanogenic effect of methyl 3,5-dicaffeoyl quinate in B16F10 mouse melanoma cells. <i>Chemico-Biological Interactions</i> , 2012, 199, 106-111.	4.0	34
49	Emerging Strategies in Stimuli-Responsive Nanocarriers as the Drug Delivery System for Enhanced Cancer Therapy. <i>Current Pharmaceutical Design</i> , 2019, 25, 2609-2625.	1.9	32
50	Antioxidant Activity of Flavonoids and Their Glucosides from <i>Sonchus oleraceus</i> L.. <i>Journal of Applied Biological Chemistry</i> , 2008, 51, 57-60.	0.4	32
51	Cellular antioxidant properties of nontoxic exopolysaccharide extracted from Lactobacillales (<i>Weissella cibaria</i>) isolated from Korean kimchi. <i>LWT - Food Science and Technology</i> , 2022, 154, 112727.	5.2	32
52	Kenaf (<i>Hibiscus cannabinus</i> L.) Leaves and Seed as a Potential Source of the Bioactive Compounds: Effects of Various Extraction Solvents on Biological Properties. <i>Life</i> , 2020, 10, 223.	2.4	31
53	Smart drug delivery of p-Coumaric acid loaded aptamer conjugated starch nanoparticles for effective triple-negative breast cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 22-29.	7.5	31
54	Antidiabetic Properties of 2,5-Dihydroxy-4,3 β -D-Glucopyranosyloxy)- <i>trans</i> -Stilbene from Mulberry (<i>Morus bombycis</i> Koidzumi) Root in Streptozotocin-Induced Diabetic Rats. <i>Journal of Medicinal Food</i> , 2007, 10, 602-607.	1.5	30

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55	Green synthesis of gold nanoparticle using <i>Eclipta alba</i> and its antidiabetic activities through regulation of Bcl-2 expression in pancreatic cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101786.	3.0	30
56	Antioxidant and Hepatoprotective Activities of <i>Cirsium setidens</i> NAKAI against CCl ₄ -Induced Liver Damage. <i>The American Journal of Chinese Medicine</i> , 2008, 36, 107-114.	3.8	29
57	Antioxidant activities and related polyphenolic constituents of the methanol extract fractions from <i>Broussonetia papyrifera</i> stem bark and wood. <i>Food Science and Biotechnology</i> , 2010, 19, 677-682.	2.6	29
58	Protective effect of the methanolic extract from <i>Duchesnea indica</i> against oxidative stress in vitro and in vivo. <i>Environmental Toxicology and Pharmacology</i> , 2011, 31, 42-50.	4.0	29
59	Cell cycle arrest and apoptosis induced by methyl 3,5-dicaffeoyl quinate in human colon cancer cells: Involvement of the PI3K/Akt and MAP kinase pathways. <i>Chemico-Biological Interactions</i> , 2011, 194, 48-57.	4.0	29
60	Isolation and molecular identification of <i>Trichoderma</i> species from wetland soil and their antagonistic activity against phytopathogens. <i>Physiological and Molecular Plant Pathology</i> , 2020, 109, 101458.	2.5	29
61	Simple and cleaner system of silver nanoparticle synthesis using kenaf seed and revealing its anticancer and antimicrobial potential. <i>Nanotechnology</i> , 2020, 31, 265101.	2.6	29
62	Ethyl Acetate Fraction of <i>Helianthus tuberosus</i> L. Induces Anti-Diabetic, and Wound-Healing Activities in Insulin-Resistant Human Liver Cancer and Mouse Fibroblast Cells. <i>Antioxidants</i> , 2021, 10, 99.	5.1	28
63	Comparison of <i>Crataegus pinnatifida</i> Bunge var. <i>typica</i> Schneider and <i>C. pinnatifida</i> Bunge fruits for antioxidant, anti- α -glucosidase, and anti-inflammatory activities. <i>Food Science and Biotechnology</i> , 2010, 19, 769-775.	2.6	27
64	Vomifoliol 9-O- β -arabinofuranosyl (1 \rightarrow 6)- β -D-glucopyranoside from the leaves of <i>Diospyros Kaki</i> stimulates the glucose uptake in HepG2 and 3T3-L1 cells. <i>Carbohydrate Research</i> , 2011, 346, 1212-1216.	2.3	27
65	<i>Sonchus asper</i> extract inhibits LPS-induced oxidative stress and pro-inflammatory cytokine production in RAW264.7 macrophages. <i>Nutrition Research and Practice</i> , 2015, 9, 579.	1.9	27
66	Antioxidant and antidiabetic properties of biocompatible ceria oxide (CeO ₂) nanoparticles in mouse fibroblast NIH3T3 and insulin resistant HepG2 cells. <i>Ceramics International</i> , 2021, 47, 8618-8626.	4.8	27
67	The Effects of Chronic Treatment with <i>Morus bombycis</i> KOIDZUMI in Spontaneously Hypertensive Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1278-1283.	1.4	25
68	Abscisic acid is a negative regulator of root gravitropism in <i>Arabidopsis thaliana</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 695-700.	2.1	25
69	Total phenolic, flavonoid contents and free radical scavenging capacity of extracts from tubers of <i>Stachys affinis</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 15, 235-239.	3.1	25
70	A comparative study on the phenolic composition, antioxidant and enzyme inhibition activities of two endemic <i>Onosma</i> species. <i>Industrial Crops and Products</i> , 2019, 142, 111878.	5.2	25
71	Antioxidant, Anti-Lung Cancer, and Anti-Bacterial Activities of <i>Toxicodendron vernicifluum</i> . <i>Biomolecules</i> , 2019, 9, 127.	4.0	25
72	Novel metabolites from <i>Trichoderma atroviride</i> against human prostate cancer cells and their inhibitory effect on <i>Helicobacter pylori</i> and <i>Shigella</i> toxin producing <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2019, 126, 19-26.	2.9	25

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91	Molecular identification, volatile metabolites profiling, and bioactivities of an indigenous endophytic fungus (<i>Diaporthe</i> sp.). <i>Process Biochemistry</i> , 2021, 102, 72-81.	3.7	16
92	Nucleolin targeted delivery of aptamer tagged <i>Trichoderma</i> derived crude protein coated gold nanoparticles for improved cytotoxicity in cancer cells. <i>Process Biochemistry</i> , 2021, 102, 325-332.	3.7	16
93	Biological Activities of Fractions from Methanolic Extract of <i>Picrasma quassioides</i> . <i>Journal of Plant Biology</i> , 2009, 52, 325-331.	2.1	15
94	Different Solvent Fractions of <i>Acanthopanax senticosus</i> Harms Exert Antioxidant and Anti-Inflammatory Activities and Inhibit the Human Kv1.3 Channel. <i>Journal of Medicinal Food</i> , 2015, 18, 468-475.	1.5	15
95	Trigonelline-loaded chitosan nanoparticles prompted antitumor activity on glioma cells and biocompatibility with pheochromocytoma cells. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 36-43.	7.5	15
96	pH-sensitive release of fungal metabolites from chitosan nanoparticles for effective cytotoxicity in prostate cancer (PC3) cells. <i>Process Biochemistry</i> , 2021, 102, 165-172.	3.7	15
97	Antioxidant and Anticancer Activities of Methanol and Water Extracts from Leaves of <i>Cirsium japonicum</i> . <i>Journal of Applied Biological Chemistry</i> , 2008, 51, 160-164.	0.4	15
98	Expression profiling of the DREB2 type gene from tomato (<i>Solanum lycopersicum</i> L.) under various abiotic stresses. <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 105-111.	2.1	14
99	Characterization and functional analysis of methionine sulfoxide reductase A gene family in tomato. <i>Molecular Biology Reports</i> , 2012, 39, 6297-6308.	2.3	14
100	Bimetallic mixed metal oxide (CuO/NiO) in fusion with nitrogen-doped graphene oxide: An alternate approach for developing potential biocarrier. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105781.	6.7	13
101	Unraveling the hazardous impact of diverse contaminants in the marine environment: Detection and remedial approach through nanomaterials and nano-biosensors. <i>Journal of Hazardous Materials</i> , 2022, 433, 128720.	12.4	13
102	Free radical scavenging and hepatoprotective actions of <i>Quercus aliena</i> acorn extract against CCl ₄ -induced liver. <i>Free Radical Research</i> , 2005, 39, 1351-1358.	3.3	12
103	In vitro and in vivo antioxidant properties of water and methanol extracts of linden bee pollen. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 13, 186-189.	3.1	12
104	Unveiling the potentials of bacteriocin (Pediocin L50) from <i>Pediococcus acidilactici</i> with antagonist spectrum in a <i>Caenorhabditis elegans</i> model. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 555-572.	7.5	12
105	Eco-friendly synthesis and characterization of <i>Aloe vera</i> /Gum Arabic/silver nanocomposites and their antibacterial, antibiofilm, and wound healing properties. <i>Colloids and Interface Science Communications</i> , 2022, 46, 100566.	4.1	12
106	Human Fungal Infection, Immune Response, and Clinical Challenge—a Perspective During COVID-19 Pandemic. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 4244-4257.	2.9	12
107	Impact of environmental phthalate on human health and their bioremediation strategies using fungal cell factory- A review. <i>Environmental Research</i> , 2022, 214, 113781.	7.5	12
108	Regulations of marker genes involved in biotic and abiotic stress by overexpression of the AtNDPK2 gene in rice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 126-132.	2.1	11

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109	The D-type cyclin gene (<i>Nicta</i> ;CycD3;4) controls cell cycle progression in response to sugar availability in tobacco. <i>Journal of Plant Physiology</i> , 2011, 168, 133-139.	3.5	11
110	Antioxidative activity and anti-inflammatory effects of diarylheptanoids isolated from <i>Alnus hirsuta</i> . <i>Journal of Wood Science</i> , 2011, 57, 323-330.	1.9	11
111	The antidiabetic effects of an herbal formula composed of <i>Alnus hirsuta</i> , <i>Rosa davurica</i> , <i>Acanthopanax senticosus</i> and <i>Panax schinseng</i> in the streptozotocin-induced diabetic rats. <i>Nutrition Research and Practice</i> , 2013, 7, 103.	1.9	11
112	An evidence of fungal derived 1-aminocyclopropane-1-carboxylate deaminase promoting the growth of mangroves. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018, 7, 446-451.	2.0	11
113	Eradication of <i>Helicobacter pylori</i> through the inhibition of urease and peptide deformylase: Computational and biological studies. <i>Microbial Pathogenesis</i> , 2019, 128, 236-244.	2.9	11
114	Cytotoxic and antibacterial activities of starch encapsulated photo-catalyzed phytogetic silver nanoparticles from <i>Paeonia lactiflora</i> flowers. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 375-387.	9.1	11
115	Expression of Kip-related protein 4 gene (KRP4) in response to auxin and cytokinin during growth of <i>Arabidopsis thalia</i> . <i>BMB Reports</i> , 2010, 43, 273-278.	2.4	11
116	Identification and properties of 2,5-Dihydroxy-4,3- β -di(β -d-glucopyranosyloxy)-trans-stilbene from <i>Morus bombycis</i> Koidzumi roots. <i>Phytotherapy Research</i> , 2007, 21, 605-608.	5.8	10
117	The Chili Pepper (<i>Capsicum annuum</i>) MYB Transcription Factor (CaMYB) is Induced by Abiotic Stresses. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2008, 17, 193-196.	1.7	10
118	Potential application of <i>Brassica rapa</i> subsp. <i>pekinensis</i> extract on fresh beef meat during refrigeration storage. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14240.	2.0	10
119	Phyto-fabrication of biocompatible silver nanoparticles using <i>Potentilla chinensis</i> Ser leaves: characterization and evaluation of its antibacterial activity. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 655-667.	9.1	10
120	Cerium oxide decorated 5-fluorouracil loaded chitosan nanoparticles for treatment of hepatocellular carcinoma. <i>International Journal of Biological Macromolecules</i> , 2022, 216, 52-64.	7.5	10
121	Antioxidant and nitric oxide release inhibition activities of methanolic extract from <i>Clerodendrum cyrtophyllum</i> Turcz. <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 309-314.	2.1	9
122	Sonochemical Mediated Synthesis of Iron Oxide (Fe ₃ O ₄ and Fe ₂ O ₃) Nanoparticles and their Characterization, Cytotoxicity and Antibacterial Properties. <i>Journal of Cluster Science</i> , 2019, 30, 669-675.	3.3	9
123	Slightly acidic electrolyzed water combination with antioxidants and fumaric acid treatment to maintain the quality of fresh-cut bell peppers. <i>LWT - Food Science and Technology</i> , 2021, 147, 111565.	5.2	9
124	Antioxidant and α -Glucosidase Inhibitory Activities of the Extract from <i>Sparganium stoloniferum</i> Buch.-Ham. Root and Its Constituent Compounds. <i>Preventive Nutrition and Food Science</i> , 2009, 14, 354-357.	1.6	9
125	Antioxidant Activity of Hawthorn Fruit in vitro. <i>Journal of Applied Biological Chemistry</i> , 2010, 53, 8-12.	0.4	9
126	The influence of abiotic stresses on expression of zinc finger protein gene in rice. <i>Russian Journal of Plant Physiology</i> , 2009, 56, 695-701.	1.1	8

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127	<i>In vitro</i> biological evaluation of 100 selected methanol extracts from the traditional medicinal plants of Asia. <i>Nutrition Research and Practice</i> , 2014, 8, 151.	1.9	8
128	Anti-inflammatory and cytotoxic effects of methanol, ethanol, and water extracts of <i>Angelicae Dahuricae Radix</i> . <i>Journal of Oral Science</i> , 2016, 58, 125-131.	1.7	8
129	Biogenic Synthesis of Rod Shaped ZnO Nanoparticles Using Red Paprika (<i>Capsicum annuum</i> L. var.) Tj ETQq1 1 0.784314 rgBT /Overl	3.3	8
130	Phytochemical Composition, Antioxidant, and Enzyme Inhibition Activities of Methanolic Extracts of Two Endemic <i>Onosma</i> Species. <i>Plants</i> , 2021, 10, 1373.	3.5	8
131	Cytotoxicity of aptamer-conjugated chitosan encapsulated mycogenic gold nanoparticles in human lung cancer cells. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 641-653.	9.1	8
132	Combination of <i>Paraconiothyrium brasiliense</i> fabricated titanium dioxide nanoparticle and antibiotics enhanced antibacterial and antibiofilm properties: A toxicity evaluation. <i>Environmental Research</i> , 2022, 212, 113237.	7.5	8
133	Monoclonal Antibody Functionalized, and L-lysine $\hat{\pm}$ -Oxidase Loaded PEGylated-Chitosan Nanoparticle for HER2/Neu Targeted Breast Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 927.	4.5	8
134	Expression and Biological Properties of a Novel Methionine Sulfoxide Reductase A in Tobacco (<i>Nicotiana tabacum</i>). <i>Protein Journal</i> , 2013, 32, 266-274.	1.6	7
135	Phytochemical characterization, and antioxidant and antimicrobial activities of white cabbage extract on the quality and shelf life of raw beef during refrigerated storage. <i>RSC Advances</i> , 2020, 10, 41430-41442.	3.6	7
136	<i>Lactobacillus rhamnosus</i> GG and Biochemical Agents Enrich the Shelf Life of Fresh-Cut Bell Pepper (<i>Capsicum annuum</i> L. var. <i>grossum</i> (L.) Sendt). <i>Foods</i> , 2020, 9, 1252.	4.3	7
137	Transgenic tobacco plants overexpressing the <i>Nicta; CycD3; 4</i> gene demonstrate accelerated growth rates. <i>BMB Reports</i> , 2008, 41, 542-547.	2.4	7
138	Effect of Fermented Soybean-Derived <i>Chungkookjangon</i> Diet-Induced Hyperlipidemia in Bio F1B Hamsters. <i>Food Biotechnology</i> , 2009, 23, 74-82.	1.5	6
139	Functional studies on two catalase genes from tomato (<i>Solanum lycopersicum</i> L.). <i>Journal of Horticultural Science and Biotechnology</i> , 2011, 86, 84-90.	1.9	6
140	Diarylheotanoid from <i>Alnus hirsuta</i> improves glucose metabolism via insulin signal transduction in human hepatocarcinoma (HepG2) cells. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 120-126.	2.6	6
141	Characterization of a Methionine Sulfoxide Reductase B from Tomato (<i>Solanum lycopersicum</i>), and Its Protecting Role in <i>Saccharomyces cerevisiae</i> . <i>Protein Journal</i> , 2013, 32, 39-47.	1.6	6
142	Ethanol extract of <i>Synurus deltoides</i> (Aiton) Nakai suppresses <i>in vitro</i> LPS-induced cytokine production in RAW 264.7 macrophages and <i>in vivo</i> acute inflammatory symptoms. <i>Nutrition Research and Practice</i> , 2014, 8, 11.	1.9	6
143	Effects of yellow and red bell pepper (paprika) extracts on pathogenic microorganisms, cancerous cells and inhibition of survivin. <i>Journal of Food Science and Technology</i> , 2021, 58, 1499-1510.	2.8	6
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