Youmie Park

List of Publications by Year
in descending order

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68 papers	1,981 citations	236925 25 h-index	254184 43 g-index
68 all docs	68 docs citations	68 times ranked	2953 citing authors

#	Article	IF	Citations
1	Assessing the antioxidant, cytotoxic, apoptotic and wound healing properties of silver nanoparticles green-synthesized by plant extracts. Materials Science and Engineering C, 2019, 101, 204-216.	7.3	124
2	Catalytic reduction of 4-nitrophenol with gold nanoparticles synthesized by caffeic acid. Nanoscale Research Letters, 2017, 12, 7.	5.7	106
3	A New Paradigm Shift for the Green Synthesis of Antibacterial Silver Nanoparticles Utilizing Plant Extracts. Toxicological Research, 2014, 30, 169-178.	2.1	103
4	Shape-dependent cytotoxicity and cellular uptake of gold nanoparticles synthesized using green tea extract. Nanoscale Research Letters, 2019, 14, 129.	5.7	102
5	Antibacterial nanocarriers of resveratrol with gold and silver nanoparticles. Materials Science and Engineering C, 2016, 58, 1160-1169.	7.3	80
6	Chondroitin sulfate-capped gold nanoparticles for the oral delivery of insulin. International Journal of Biological Macromolecules, 2014, 63, 15-20.	7.5	76
7	Green synthesis of gold nanoparticles using chlorogenic acid and their enhanced performance for inflammation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1677-1688.	3.3	76
8	Concentration Effect of Reducing Agents on Green Synthesis of Gold Nanoparticles: Size, Morphology, and Growth Mechanism. Nanoscale Research Letters, 2016, 11, 230.	5.7	76
9	Synthesis of Sulfhydryl Cross-Linking Poly(Ethylene Glycol)-Peptides and Glycopeptides as Carriers for Gene Deliveryâ€. Bioconjugate Chemistry, 2002, 13, 232-239.	3.6	67
10	Tannic acid-mediated green synthesis of antibacterial silver nanoparticles. Archives of Pharmacal Research, 2016, 39, 465-473.	6.3	66
11	Green Synthesis and Catalytic Activity of Gold Nanoparticles Synthesized by Artemisia capillaris Water Extract. Nanoscale Research Letters, 2016, 11, 474.	5.7	64
12	Green synthesis of gold and silver nanoparticles using gallic acid: catalytic activity and conversion yield toward the 4-nitrophenol reduction reaction. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	64
13	Enhanced Antibacterial Activities of Leonuri Herba Extracts Containing Silver Nanoparticles. Phytotherapy Research, 2012, 26, 1249-1255.	5.8	49
14	Wound healing and antibacterial activities of chondroitin sulfate- and acharan sulfate-reduced silver nanoparticles. Nanotechnology, 2013, 24, 395102.	2.6	48
15	Catechin-capped gold nanoparticles: green synthesis, characterization, and catalytic activity toward 4-nitrophenol reduction. Nanoscale Research Letters, 2014, 9, 103.	5.7	45
16	Asymmetric dumbbell-shaped silver nanoparticles and spherical gold nanoparticles green-synthesized by mangosteen (Garcinia mangostana) pericarp waste extracts. International Journal of Nanomedicine, 2017, Volume 12, 6895-6908.	6.7	42
17	Sesquiterpenoids from Tussilago farfara Flower Bud Extract for the Eco-Friendly Synthesis of Silver and Gold Nanoparticles Possessing Antibacterial and Anticancer Activities. Nanomaterials, 2019, 9, 819.	4.1	41
18	Green Synthetic Nanoarchitectonics of Gold and Silver Nanoparticles Prepared Using Quercetin and Their Cytotoxicity and Catalytic Applications. Journal of Nanoscience and Nanotechnology, 2020, 20, 2781-2790.	0.9	38

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19	Artemisia capillaris Extracts as a Green Factory for the Synthesis of Silver Nanoparticles with Antibacterial Activities. Journal of Nanoscience and Nanotechnology, 2012, 12, 7087-7095.	0.9	37
20	Anticancer prospects of silver nanoparticles green-synthesized by plant extracts. Materials Science and Engineering C, 2020, 116, 111253.	7.3	37
21	Platycodon saponins from Platycodi Radix (Platycodon grandiflorum) for the Green Synthesis of Gold and Silver Nanoparticles. Nanoscale Research Letters, 2018, 13, 23.	5.7	35
22	Biogenic Silver Nanoparticles with Chlorogenic Acid as a Bioreducing Agent. Journal of Nanoscience and Nanotechnology, 2013, 13, 5787-5793.	0.9	32
23	Preparative separation of minor saponins from Platycodi Radix by highâ€speed counterâ€current chromatography. Journal of Separation Science, 2011, 34, 2559-2565.	2.5	30
24	Antibacterial properties of cetyltrimethylammonium bromide-stabilized green silver nanoparticles against methicillin-resistant Staphylococcus aureus. Archives of Pharmacal Research, 2015, 38, 1906-1912.	6.3	28
25	Green Synthesis and Nanotopography of Heparin-Reduced Gold Nanoparticles with Enhanced Anticoagulant Activity. Journal of Nanoscience and Nanotechnology, 2013, 13, 2068-2076.	0.9	26
26	Upcycling of jellyfish (Nemopilema nomurai) sea wastes as highly valuable reducing agents for green synthesis of gold nanoparticles and their antitumor and anti-inflammatory activity. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1127-1136.	2.8	26
27	Synthesis of gold nanoparticles with glycosides: synthetic trends based on the structures of glycones and aglycones. Carbohydrate Research, 2014, 386, 57-61.	2.3	25
28	Earthworm extracts utilized in the green synthesis of gold nanoparticles capable of reinforcing the anticoagulant activities of heparin. Nanoscale Research Letters, 2013, 8, 542.	5.7	24
29	Silver Nanoparticles Synthesized Using <I>Caesalpinia sappan</I> Extract as Potential Novel Nanoantibiotics Against Methicillin-Resistant <I>Staphylococcus aureus</I>. Journal of Nanoscience and Nanotechnology, 2015, 15, 5543-5552.	0.9	24
30	Vancomycin-Functionalized Gold and Silver Nanoparticles as an Antibacterial Nanoplatform Against Methicillin-Resistant Staphylococcus aureus. Journal of Nanoscience and Nanotechnology, 2016, 16, 6393-6399.	0.9	23
31	Green synthesis and biological activities of silver nanoparticles prepared by Carpesium cernuum extract. Archives of Pharmacal Research, 2019, 42, 926-934.	6.3	22
32	Detection of Malathion, Fenthion and Methidathion by Using Heparin-Reduced Gold Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 7570-7578.	0.9	21
33	Comparative study of antioxidant effects of five Korean varieties red pepper (Capsicum annuum L) extracts from various parts including placenta, stalk, and pericarp. Food Science and Biotechnology, 2012, 21, 715-721.	2.6	21
34	One-step functionalization of gold and silver nanoparticles by ampicillin. Materials Letters, 2014, 129, 185-190.	2.6	20
35	Cold welding of gold nanoparticles on mica substrate: Self-adjustment and enhanced diffusion. Scientific Reports, 2016, 6, 32951.	3.3	20
36	Antioxidant Potential of Artemisia capillaris, Portulaca oleracea, and Prunella vulgaris Extracts for Biofabrication of Gold Nanoparticles and Cytotoxicity Assessment. Nanoscale Research Letters, 2018, 13, 348.	5.7	18

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37	Antibacterial Activity and Increased Freeze-Drying Stability of Sialyllactose-Reduced Silver Nanoparticles Using Sucrose and Trehalose. Journal of Nanoscience and Nanotechnology, 2012, 12, 3884-3895.	0.9	16
38	Green Synthesis, Characterization and Catalytic Activity of Gold Nanoparticles Prepared Using Rosmarinic Acid. Journal of Nanoscience and Nanotechnology, 2018, 18, 659-667.	0.9	16
39	Glycosaminoglycans from earthworms (Eisenia andrei). Glycoconjugate Journal, 2010, 27, 249-257.	2.7	15
40	Root Extracts of <I>Polygala tenuifolia</I> for the Green Synthesis of Gold Nanoparticles. Journal of Nanoscience and Nanotechnology, 2014, 14, 6202-6208.	0.9	15
41	Facile Green Synthesis of Titanium Dioxide Nanoparticles by Upcycling Mangosteen (Garcinia) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.7	15
42	Fabrication of nanoribbons by dielectrophoresis assisted cold welding of gold nanoparticles on mica substrate. Scientific Reports, 2019, 9, 3629.	3.3	14
43	Highly stable gold nanoparticles green-synthesized by upcycling cartilage waste extract from yellow-nose skate (Dipturus chilensis) and evaluation of its cytotoxicity, haemocompatibility and antioxidant activity. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1108-1119.	2.8	13
44	Crystalline Silver Nanoparticles by Using <I>Polygala tenuifolia</I> Root Extract as a Green Reducing Agent. Journal of Nanoscience and Nanotechnology, 2015, 15, 1567-1574.	0.9	10
45	Mining invertebrate natural products for future therapeutic treasure. Natural Product Communications, 2011, 6, 1403-8.	0.5	10
46	A furanquinone from Paulownia tomentosa stem for a new cathepsin K inhibitor. Phytotherapy Research, 2009, 23, 1485-1488.	5.8	9
47	An aqueous extract of Nomuraâ€™s jellyfish ameliorates inflammatory responses in lipopolysaccharide-stimulated RAW264.7 cells and a zebrafish model of inflammation. Biomedicine and Pharmacotherapy, 2018, 100, 583-589.	5.6	9
48	Graphene oxide grafted gold nanoparticles and silver/silver chloride nanoparticles green-synthesized by a Portulaca oleracea extract: Assessment of catalytic activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 607, 125527.	4.7	9
49	Invertebrate water extracts as biocompatible reducing agents for the green synthesis of gold and silver nanoparticles. Natural Product Communications, 2013, 8, 1149-52.	0.5	9
50	Plant Extract (Bupleurum falcatum) as a Green Factory for Biofabrication of Gold Nanoparticles. Natural Product Communications, 2015, 10, 1593-6.	0.5	9
51	Determination of Rebamipide in Human Plasma by HPLC. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 1925-1935.	1.0	8
52	Diallyl disulphide-loaded spherical gold nanoparticles and acorn-like silver nanoparticles synthesised using onion extract: catalytic activity and cytotoxicity. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 948-960.	2.8	8
53	Highly Selective Synthesis of Hydrazoarenes from Nitroarenes via Polystyrene-Supported Au-Nanoparticle-Catalyzed Reduction: Application to Azoarenes, Aminoarenes, and 4,4â€²-Diaminobiaryls. ACS Omega, 2020, 5, 7576-7583.	3.5	8
54	Adjoint design sensitivity analysis of molecular dynamics in parallel computing environment. International Journal of Mechanics and Materials in Design, 2014, 10, 379-394.	3.0	7

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55	Anisotropic Snowman-Like Silver Nanoparticles Synthesized by Caesalpinia sappan Extract and In Vitro Antibacterial Activity. Journal of Nanoscience and Nanotechnology, 2018, 18, 3880-3887.	0.9	7
56	Plant Extract (Bupleurum falcatum) as a Green Factory for Biofabrication of Gold Nanoparticles. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	6
57	Gallotannin-Capped Gold Nanoparticles: Green Synthesis and Enhanced Morphology of AFM Images. Journal of Nanoscience and Nanotechnology, 2016, 16, 5991-5998.	0.9	5
58	Green Synthesis and Catalytic Activity of Gold Nanoparticles/Graphene Oxide Nanocomposites Prepared By Tannic Acid. Journal of Nanoscience and Nanotechnology, 2018, 18, 2536-2546.	0.9	5
59	Caffeic acid: potential applications in nanotechnology as a green reducing agent for sustainable synthesis of gold nanoparticles. Natural Product Communications, 2015, 10, 627-30.	0.5	4
60	Caffeic Acid: Potential Applications in Nanotechnology as a Green Reducing Agent for Sustainable Synthesis of Gold Nanoparticles. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	3
61	Atomistic simulation of agglomeration of metal nanoparticles considering the induced charge density of surface atoms. International Journal of Mechanics and Materials in Design, 2020, 16, 475-486.	3.0	3
62	Folic Acid and Chitosan-Functionalized Gold Nanorods and Triangular Silver Nanoplates for the Delivery of Anticancer Agents. International Journal of Nanomedicine, 2022, Volume 17, 1881-1902.	6.7	3
63	Potential applications of PEGylated green gold nanoparticles in cyclophosphamide-induced cystitis. Artificial Cells, Nanomedicine and Biotechnology, 2022, 50, 130-146.	2.8	3
64	Synthesis of gold nanoparticles supported at graphene derivatives using green reductants and evaluation of their catalytic activity in 4-nitrophenol reduction. Gold Bulletin, 2019, 52, 165-174.	2.4	2
65	Stability of 13Câ€Urea/PEG Capsules by LCâ€APCIâ€MS. Journal of Liquid Chromatography and Related Technologies, 2003, 26, 1275-1286.	1.0	1
66	A surface evolution scheme to identify nanoscale intrinsic geometry from AFM experimental data. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	1
67	Facile Fabrication of Gold Nanoparticles with Ethambutol. Journal of Nanoscience and Nanotechnology, 2017, 17, 4851-4857.	0.9	1
68	Optimal mass distribution in carbon nanotubes for extreme thermal conductivity: Analytical manipulation of isotope effects. Computational Materials Science, 2018, 150, 273-282.	3.0	1