

Shakina Yesmin Simu

List of Publications by Year in descending order

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52
papers

2,544
citations

172457
29
h-index

197818
49
g-index

52
all docs

52
docs citations

52
times ranked

2794
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.2	142
2	Intracellular synthesis of gold nanoparticles with antioxidant activity by probiotic <i>Lactobacillus kimchicus</i> DCY51 T isolated from Korean kimchi. <i>Enzyme and Microbial Technology</i> , 2016, 95, 85-93.	3.2	126
3	Anticancer activity of silver nanoparticles from <i>Panax ginseng</i> fresh leaves in human cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 158-165.	5.6	114
4	Rapid green synthesis of silver and gold nanoparticles using <i>Dendropanax morbifer</i> leaf extract and their anticancer activities. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3691-3701.	6.7	109
5	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.	2.8	109
6	Green synthesis of zinc oxide nanoparticles from root extract of <i>Scutellaria baicalensis</i> and its photocatalytic degradation activity using methylene blue. <i>Optik</i> , 2019, 184, 324-329.	2.9	107
7	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.	5.7	106
8	Synthesis of panos extract mediated ZnO nano-flowers as photocatalyst for industrial dye degradation by UV illumination. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111588.	3.8	93
9	Photocatalytic degradation of methylene blue using biosynthesized zinc oxide nanoparticles from bark extract of <i>Kalopanax septemlobus</i> . <i>Optik</i> , 2019, 182, 980-985.	2.9	90
10	<i>In vitro</i> 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, 1-11.	2.8	89
11	Ginseng-berry-mediated gold and silver nanoparticle synthesis and evaluation of their <i>in vitro</i> antioxidant, antimicrobial, and cytotoxicity effects on human dermal fibroblast and murine melanoma skin cell lines. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 709-723.	6.7	82
12	Green synthesis of multifunctional silver and gold nanoparticles from the oriental herbal adaptogen: Siberian ginseng. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3131-3143.	6.7	78
13	Biological synthesis of gold and silver chloride nanoparticles by <i>Glycyrrhiza uralensis</i> and <i>in vitro</i> applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 303-312.	2.8	76
14	The assessment of photocatalytic activity of zinc oxide nanoparticles from the roots of <i>Codonopsis lanceolata</i> synthesized by one-pot green synthesis method. <i>Optik</i> , 2019, 184, 82-89.	2.9	71
15	Synthesis of a Zinc Oxide Nanoflower Photocatalyst from Sea Buckthorn Fruit for Degradation of Industrial Dyes in Wastewater Treatment. <i>Nanomaterials</i> , 2019, 9, 1692.	4.1	69
16	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- κ B/p38 MAPK/STAT1 signaling in human keratinocytes and macrophages. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 287-295.	1.5	64
17	<i>Cordyceps militaris</i> fungus mediated Zinc Oxide nanoparticles for the photocatalytic degradation of Methylene blue dye. <i>Optik</i> , 2019, 183, 691-697.	2.9	55
18	Synthesis of zinc oxide nanoparticles from immature fruits of <i>Rubus coreanus</i> and its catalytic activity for degradation of industrial dye. <i>Optik</i> , 2018, 172, 1179-1186.	2.9	54

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19	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.	2.8	52
20	Facile synthesis of Au and Ag nanoparticles using fruit extract of <i>Lycium chinense</i> and their anticancer activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 308-315.	3.0	51
21	Gold nanoparticles synthesized using <i>Panax ginseng</i> leaves suppress inflammatory - mediators production via blockade of NF- κ B activation in macrophages. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 270-276.	2.8	50
22	Gold nanoflowers synthesized using <i>Acanthopanax</i> 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.	5.0	50
23	Caspase-3/MAPK pathways as main regulators of the apoptotic effect of the phyto-mediated synthesized silver nanoparticle from dried stem of <i>Eleutherococcus senticosus</i> in human cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 128-133.	5.6	49
24	Biosynthesis of zinc oxide nanoparticles by one-pot green synthesis using fruit extract of <i>Amomum longiligulare</i> and its activity as a photocatalyst. <i>Optik</i> , 2020, 218, 165245.	2.9	47
25	Suppression of MAPKs/NF- κ B Activation Induces Intestinal Anti-Inflammatory Action of Ginsenoside Rf in HT-29 and RAW264.7 Cells. <i>Immunological Investigations</i> , 2016, 45, 439-449.	2.0	46
26	Pharmacological importance, characterization and applications of gold and silver nanoparticles synthesized by <i>Panax ginseng</i> fresh leaves. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1415-1424.	2.8	42
27	Zinc oxide nanoparticles synthesized by <i>Suaeda japonica</i> Makino and their photocatalytic degradation of methylene blue. <i>Optik</i> , 2019, 182, 1015-1020.	2.9	42
28	Synthesis of zinc oxide nanoparticles from <i>Gynostemma pentaphyllum</i> extracts and assessment of photocatalytic properties through malachite green dye decolorization under UV illumination-A Green Approach. <i>Optik</i> , 2021, 239, 166249.	2.9	40
29	Development of <i>Lactobacillus kimchicus</i> DCY51 ^T -mediated gold nanoparticles for delivery of ginsenoside compound K: <i>in vitro</i> photothermal effects and apoptosis detection in cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 30-44.	2.8	36
30	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 <i>In Silico</i> and <i>In Vitro</i> Study. <i>Phytotherapy Research</i> , 2015, 29, 1286-1294.	5.8	30
31	Silver nanoparticles from <i>Dendropanax morbifera</i> L'Éveillé inhibit cell migration, induce apoptosis, and increase generation of reactive oxygen species in A549 lung cancer cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 1012-1019.	1.5	30
32	<i>Lactobacillus kimchicus</i> sp. nov., a β -glucosidase-producing bacterium isolated from kimchi. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 894-897.	1.7	29
33	Photocatalytic degradation of industrial dyes using Ag and Au nanoparticles synthesized from <i>Angelica gigas</i> ribbed stem extracts. <i>Optik</i> , 2019, 185, 1213-1219.	2.9	28
34	Preparation of Polyethylene Glycol-Ginsenoside Rh1 and Rh2 Conjugates and Their Efficacy against Lung Cancer and Inflammation. <i>Molecules</i> , 2019, 24, 4367.	3.8	28
35	Engineering of mesoporous silica nanoparticles for release of ginsenoside CK and Rh2 to enhance their anticancer and anti-inflammatory efficacy: <i>in vitro</i> studies. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	27
36	Biosynthesis of gold and silver chloride nanoparticles mediated by <i>Crataegus pinnatifida</i> fruit extract: <i>in vitro</i> study of anti-inflammatory activities. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-11.	2.8	21

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37	Ginseng nanoparticles: a budding tool for cancer treatment. <i>Nanomedicine</i> , 2017, 12, 1091-1094.	3.3	20
38	Cationic and anionic dye degradation activity of Zinc oxide nanoparticles from <i>Hippophae rhamnoides</i> leaves as potential water treatment resource. <i>Optik</i> , 2019, 181, 1091-1098.	2.9	20
39	Dendropanax Morbifera Extract-Mediated ZnO Nanoparticles Loaded with Indole-3-Carbinol for Enhancement of Anticancer Efficacy in the A549 Human Lung Carcinoma Cell Line. <i>Materials</i> , 2020, 13, 3197.	2.9	19
40	Room temperature synthesis of germanium dioxide nanorods and their in vitro photocatalytic application. <i>Optik</i> , 2019, 178, 664-668.	2.9	18
41	Phytosynthesis of silver nanoparticles using rhizome extract of <i>Alpinia officinarum</i> and their photocatalytic removal of dye under UV and visible light irradiation. <i>Optik</i> , 2020, 208, 164521.	2.9	18
42	Ginsenoside Rg5: Rk1 Exerts an Anti-obesity Effect on 3T3-L1 Cell Line by the Downregulation of PPAR β and CEBP β . <i>Iranian Journal of Biotechnology</i> , 2017, 15, 252-259.	0.3	18
43	Facile and green synthesis of zinc oxide particles by <i>Stevia Rebaudiana</i> and its in vitro photocatalytic activity. <i>Inorganic and Nano-Metal Chemistry</i> , 2019, 49, 1-6.	1.6	16
44	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.	2.5	14
45	Gold Nanoparticles Synthesized with Fresh <i>Panax ginseng</i> Leaf Extract Suppress Adipogenesis by Downregulating PPAR β /CEBP β Signaling in 3T3-L1 Mature Adipocytes. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 701-708.	0.9	13
46	Biosynthesis of gold and silver nanoparticles from <i>Scutellaria baicalensis</i> roots and in vitro applications. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	13
47	Rhizome of <i>Anemarrhena asphodeloides</i> 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.	2.8	12
48	Antimicrobial, antioxidant, and anticancer potentials of AgCl nanoparticles biosynthesized by <i>Flavobacterium panacis</i> . <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	10
49	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.	1.9	8
50	Gold Nanoparticles Green-Synthesized by the <i>Suaeda japonica</i> Leaf Extract and Screening of Anti-Inflammatory Activities on RAW 267.4 Macrophages. <i>Coatings</i> , 2022, 12, 460.	2.6	6
51	Ginsenoside F1 attenuates lipid accumulation and triglycerides content in 3T3-L1 adipocytes with the modulation of reactive oxygen species (ROS) production through PPAR β /JAK2 signaling responses. <i>Medicinal Chemistry Research</i> , 2017, 26, 1042-1051.	2.4	4
52	Hydroponic Cultured Ginseng Leaves Zinc Oxides Nanocomposite Stabilized with CMC Polymer for Degradation of Hazardous Dyes in Wastewater Treatment. <i>Materials</i> , 2021, 14, 6557.	2.9	3