

Priyanka Singh

List of Publications by Year in descending order

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68
papers

5,587
citations

100601

38
h-index

107981

68
g-index

69
all docs

69
docs citations

69
times ranked

6946
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Antimicrobial Activity of Silver Nanoparticles Obtained by the Green Synthesis in <i>Viridibacillus</i> sp. Extracts. <i>Frontiers in Microbiology</i> , 2022, 13, 820048.	1.5	28
2	Antibacterial Effect of Silver Nanoparticles Is Stronger If the Production Host and the Targeted Pathogen Are Closely Related. <i>Biomedicines</i> , 2022, 10, 628.	1.4	30
3	Rowan Berries: A Potential Source for Green Synthesis of Extremely Monodisperse Gold and Silver Nanoparticles and Their Antimicrobial Property. <i>Pharmaceutics</i> , 2022, 14, 82.	2.0	17
4	Green synthesis and antibacterial applications of gold and silver nanoparticles from <i>Ligustrum vulgare</i> berries. <i>Scientific Reports</i> , 2022, 12, 7902.	1.6	23
5	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.	1.1	10
6	FeCo nanoparticles as antibacterial agents with improved response in magnetic field: an insight into the associated toxicity mechanism. <i>Nanotechnology</i> , 2021, 32, 335101.	1.3	2
7	Advances in gold nanoparticle technology as a tool for diagnostics and treatment of cancer. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 627-630.	1.5	16
8	Silver nanoparticles produced from <i>Cedecea</i> sp. exhibit antibiofilm activity and remarkable stability. <i>Scientific Reports</i> , 2021, 11, 12619.	1.6	53
9	Pathogenesis strategies and regulation of ginsenosides by two species of <i>Ilyonectria</i> in <i>Panax ginseng</i> : power of speciation. <i>Journal of Ginseng Research</i> , 2020, 44, 332-340.	3.0	23
10	Interactions of Gold and Silver Nanoparticles with Bacterial Biofilms: Molecular Interactions behind Inhibition and Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7658.	1.8	133
11	A Sustainable Approach for the Green Synthesis of Silver Nanoparticles from <i>Solibacillus isronensis</i> sp. and Their Application in Biofilm Inhibition. <i>Molecules</i> , 2020, 25, 2783.	1.7	32
12	Gold Nanoparticles Synthesized with Fresh <i>Panax ginseng</i> Leaf Extract Suppress Adipogenesis by Downregulating PPAR γ /CEBP β Signaling in 3T3-L1 Mature Adipocytes. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 701-708.	0.9	13
13	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.	1.4	51
14	Discovery of a new primer set for detection and quantification of <i>Ilyonectria mors-panacis</i> in soils for ginseng cultivation. <i>Journal of Ginseng Research</i> , 2019, 43, 1-9.	3.0	7
15	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.	1.9	21
16	<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.	1.9	89
17	Extracellular synthesis of silver nanoparticles by <i>Pseudomonas</i> sp. THG-LS1.4 and their antimicrobial application. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 258-264.	2.4	138
18	Applications of <i>Panax ginseng</i> 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.	3.0	60

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19	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.	1.9	109
20	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.	1.9	76
21	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.	1.9	52
22	Gold nanoflowers synthesized using <i>Acanthopanax cortex</i> 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.	2.5	50
23	Ecofriendly synthesis of silver and gold nanoparticles by <i>Euphrasia officinalis</i> leaf extract and its biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1163-1170.	1.9	173
24	Anti-biofilm effects of gold and silver nanoparticles synthesized by the <i>Rhodiola rosea</i> rhizome extracts. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 886-899.	1.9	98
25	Antimicrobial Effects of Biogenic Nanoparticles. <i>Nanomaterials</i> , 2018, 8, 1009.	1.9	138
26	Role of green silver nanoparticles synthesized from <i>Symphytum officinale</i> leaf extract in protection against UVB-induced photoaging. <i>Journal of Nanostructure in Chemistry</i> , 2018, 8, 359-368.	5.3	43
27	Development of superparamagnetic iron oxide nanoparticles via direct conjugation with ginsenosides and its in-vitro study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 100-110.	1.7	42
28	Green synthesis of gold and silver nanoparticles from <i>Cannabis sativa</i> (industrial) Tj ETQq0 0 0 rgBT /Overlock 10 13, 3571-3591.	3.3	165
29	Gold Nanoparticles in Diagnostics and Therapeutics for Human Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1979.	1.8	709
30	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.	1.7	55
31	Aluminium resistant, plant growth promoting bacteria induce overexpression of Aluminium stress related genes in <i>Arabidopsis thaliana</i> and increase the ginseng tolerance against Aluminium stress. <i>Microbiological Research</i> , 2017, 200, 45-52.	2.5	49
32	<i>Achromobacter panacis</i> sp. nov., isolated from rhizosphere of <i>Panax ginseng</i> . <i>Journal of Microbiology</i> , 2017, 55, 428-434.	1.3	7
33	Cross Interaction Between <i>Ilyonectria mors-panacis</i> Isolates Infecting Korean Ginseng and Ginseng Saponins in Correlation with Their Pathogenicity. <i>Phytopathology</i> , 2017, 107, 561-569.	1.1	17
34	<i>Rhodoferrax koreense</i> sp. nov, an obligately aerobic bacterium within the family Comamonadaceae, and emended description of the genus <i>Rhodoferrax</i> . <i>Journal of Microbiology</i> , 2017, 55, 767-774.	1.3	17
35	Publisher's note. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 423.	2.5	16
36	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.	0.8	27

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37	Pedobacter panacis sp. nov., isolated from Panax ginseng soil. Antonie Van Leeuwenhoek, 2017, 110, 235-244.	0.7	10
38	Pharmacological importance, characterization and applications of gold and silver nanoparticles synthesized by <i>Panax ginseng</i> fresh leaves. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1415-1424.	1.9	42
39	Gold nanoparticles synthesized using <i>Panax ginseng</i> leaves suppress inflammatory - mediators production via blockade of NF- κ B activation in macrophages. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 270-276.	1.9	50
40	In situ preparation of water-soluble ginsenoside Rh2-entrapped bovine serum albumin nanoparticles: in vitro cytocompatibility studies. International Journal of Nanomedicine, 2017, Volume 12, 4073-4084.	3.3	40
41	Biogenic silver and gold nanoparticles synthesized using red ginseng root extract, and their applications. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1-6.	1.9	85
42	Green synthesis of silver nanoparticles by <i>Bacillus methylotrophicus</i> , and their antimicrobial activity. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1-6.	1.9	108
43	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. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1-8.	1.9	77
44	Green synthesis of multifunctional silver and gold nanoparticles from the oriental herbal adaptogen: Siberian ginseng. International Journal of Nanomedicine, 2016, Volume 11, 3131-3143.	3.3	78
45	Rapid green synthesis of silver and gold nanoparticles using <i>Dendropanax morbifera</i> leaf extract and their anticancer activities. International Journal of Nanomedicine, 2016, Volume 11, 3691-3701.	3.3	109
46	Flavobacterium panacis sp. nov., isolated from rhizosphere of Panax ginseng. Antonie Van Leeuwenhoek, 2016, 109, 1199-1208.	0.7	7
47	Biological Synthesis of Nanoparticles from Plants and Microorganisms. Trends in Biotechnology, 2016, 34, 588-599.	4.9	1,161
48	Intracellular synthesis of gold nanoparticles with antioxidant activity by probiotic Lactobacillus kimchicus DCY51 T isolated from Korean kimchi. Enzyme and Microbial Technology, 2016, 95, 85-93.	1.6	126
49	Anticancer activity of silver nanoparticles from Panax ginseng fresh leaves in human cancer cells. Biomedicine and Pharmacotherapy, 2016, 84, 158-165.	2.5	114
50	Paenibacillus puernese sp. nov., a β -glucosidase-producing bacterium isolated from Pu'er tea. Archives of Microbiology, 2016, 198, 211-217.	1.0	6
51	Extracellular synthesis of silver and gold nanoparticles by Sporosarcina koreensis DC4 and their biological applications. Enzyme and Microbial Technology, 2016, 86, 75-83.	1.6	142
52	Chryseobacterium panacis sp. nov., isolated from ginseng soil. Antonie Van Leeuwenhoek, 2016, 109, 187-196.	0.7	9
53	A strategic approach for rapid synthesis of gold and silver nanoparticles by <i>Panax ginseng</i> leaves. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1949-1957.	1.9	167
54	Protopanaxadiol aglycone ginsenoside-polyethylene glycol conjugates: synthesis, physicochemical characterizations, and in vitro studies. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1803-1809.	1.9	20

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55	Characterization and antimicrobial application of biosynthesized gold and silver nanoparticles by using <i>Microbacterium resistens</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1714-1721.	1.9	36
56	<i>Pseudomonas deceptionensis</i> DC5-mediated synthesis of extracellular silver nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1576-1581.	1.9	91
57	<i>Weissella oryzae</i> DC6-facilitated green synthesis of silver nanoparticles and their antimicrobial potential. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1569-1575.	1.9	81
58	Microbial synthesis of Flower-shaped gold nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1469-1474.	1.9	47
59	<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.	0.8	13
60	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.	1.5	61
61	<i>Burkholderia ginsengiterrae</i> sp. nov. and <i>Burkholderia panaciterrae</i> sp. nov., antagonistic bacteria against root rot pathogen <i>Cylindrocarpus destructans</i> , isolated from ginseng soil. <i>Archives of Microbiology</i> , 2015, 197, 439-447.	1.0	48
62	<i>Cupriavidus yeoncheonense</i> sp. nov., isolated from soil of ginseng. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 749-758.	0.7	22
63	Biosynthesis, characterization, and antimicrobial applications of silver nanoparticles. <i>International Journal of Nanomedicine</i> , 2015, 10, 2567.	3.3	148
64	<i>Sphingomonas panacis</i> sp. nov., isolated from rhizosphere of rusty ginseng. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 711-720.	0.7	25
65	<i>Microbacterium rhizomatis</i> sp. nov., a Î ² -glucosidase-producing bacterium isolated from rhizome of Korean mountain ginseng. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3196-3202.	0.8	9
66	<i>Paenibacillus panaciterrae</i> sp. nov., isolated from ginseng-cultivated soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4080-4086.	0.8	8
67	Anti-biofouling organic-inorganic hybrid membrane for water treatment. <i>Journal of Materials Chemistry</i> , 2012, 22, 1834-1844.	6.7	50
68	<i>Pseudomonas deceptionensis</i> DC5-mediated synthesis of extracellular silver nanoparticles. , 0, .		1