Priyanka Singh

List of Publications by Year in Descending Order

67 papers	3,705 citations	32 h-index	60 g-index
69 ext. papers	4,584 ext. citations	5.1 avg, IF	5.92 L-index

#	Paper	IF	Citations
67	Strong Antimicrobial Activity of Silver Nanoparticles Obtained by the Green Synthesis in . Extracts.. *Frontiers in Microbiology*, **2022**, 13, 820048	5.7	5
66	Antibacterial Effect of Silver Nanoparticles Is Stronger If the Production Host and the Targeted Pathogen Are Closely Related.. *Biomedicines*, **2022**, 10,	4.8	5
65	Green synthesis and antibacterial applications of gold and silver nanoparticles from Ligustrum vulgare berries.. *Scientific Reports*, **2022**, 12, 7902	4.9	2
64	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
63	FeCo nanoparticles as antibacterial agents with improved response in magnetic field: An insight into the associated toxicity mechanism. *Nanotechnology*, **2021**,	3.4	1
62	Silver nanoparticles produced from Cedecea sp. exhibit antibiofilm activity and remarkable stability. *Scientific Reports*, **2021**, 11, 12619	4.9	22
61	Rowan Berries: A Potential Source for Green Synthesis of Extremely Monodisperse Gold and Silver Nanoparticles and Their Antimicrobial Property.. *Pharmaceutics*, **2021**, 14,	6.4	7
60	A Sustainable Approach for the Green Synthesis of Silver Nanoparticles from sp. and Their Application in Biofilm Inhibition. *Molecules*, **2020**, 25,	4.8	14
59	Interactions of Gold and Silver Nanoparticles with Bacterial Biofilms: Molecular Interactions behind Inhibition and Resistance. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	50
58	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
57	Gold Nanoparticles Synthesized with Fresh Leaf Extract Suppress Adipogenesis by Downregulating PPAR/CEBP Signaling in 3T3-L1 Mature Adipocytes. *Journal of Nanoscience and Nanotechnology*, **2019**, 19, 701-708	1.3	9
56	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
55	Discovery of a new primer set for detection and quantification of in soils for ginseng cultivation. *Journal of Ginseng Research*, **2019**, 43, 1-9	5.8	3
54	Extracellular synthesis of silver nanoparticles by sp. THG-LS1.4 and their antimicrobial application. *Journal of Pharmaceutical Analysis*, **2018**, 8, 258-264	14	92
53	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
52	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
51	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

50	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
49	Green synthesis of gold and silver nanoparticles from (industrial hemp) and their capacity for biofilm inhibition. *International Journal of Nanomedicine*, **2018**, 13, 3571-3591	7.3	92
48	Gold Nanoparticles in Diagnostics and Therapeutics for Human Cancer. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	450
47	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
46	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
45	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
44	Ecofriendly synthesis of silver and gold nanoparticles by Euphrasia officinalis leaf extract and its biomedical applications. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 1163-1170	6.1	108
43	Anti-biofilm effects of gold and silver nanoparticles synthesized by the Rhodiola rosea rhizome extracts. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, S886-S899	6.1	60
42	Antimicrobial Effects of Biogenic Nanoparticles. *Nanomaterials*, **2018**, 8,	5.4	87
41	Role of green silver nanoparticles synthesized from Symphytum officinale leaf extract in protection against UVB-induced photoaging. *Journal of Nanostructure in Chemistry*, **2018**, 8, 359-368	7.6	24
40	Development of superparamagnetic iron oxide nanoparticles via direct conjugation with ginsenosides and its in-vitro study. *Journal of Photochemistry and Photobiology B: Biology*, **2018**, 185, 100-110	6.7	21
39	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
38	Aluminium resistant, plant growth promoting bacteria induce overexpression of Aluminium stress related genes in Arabidopsis thaliana and increase the ginseng tolerance against Aluminium stress. *Microbiological Research*, **2017**, 200, 45-52	5.3	37
37	Achromobacter panacis sp. nov., isolated from rhizosphere of Panax ginseng. *Journal of Microbiology*, **2017**, 55, 428-434	3	5
36	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
35	Rhodoferax koreense sp. nov, an obligately aerobic bacterium within the family Comamonadaceae, and emended description of the genus Rhodoferax. *Journal of Microbiology*, **2017**, 55, 767-774	3	7
34	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*, **2017**, 160, 423-428	6	14
33	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

32	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
31	Pedobacter panacis sp. nov., isolated from Panax ginseng soil. *Antonie Van Leeuwenhoek*, **2017**, 110, 235-244	2.1	4
30	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
29	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
28	Pseudomonas deceptionensis DC5-mediated synthesis of extracellular silver nanoparticles. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1576-81	6.1	59
27	Weissella oryzae DC6-facilitated green synthesis of silver nanoparticles and their antimicrobial potential. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1569-75	6.1	63
26	Microbial synthesis of Flower-shaped gold nanoparticles. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1469-74	6.1	41
25	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
24	Green synthesis of silver nanoparticles by Bacillus methylotrophicus, and their antimicrobial activity. *Artificial Cells, Nanomedicine and Biotechnology*, **2016**, 44, 1127-32	6.1	88
23	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
22	Anticancer activity of silver nanoparticles from Panax ginseng fresh leaves in human cancer cells. *Biomedicine and Pharmacotherapy*, **2016**, 84, 158-165	7.5	86
21	Paenibacillus puernese sp. nov., a -glucosidase-producing bacterium isolated from Pu'er tea. *Archives of Microbiology*, **2016**, 198, 211-7	3	1
20	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
19	Chryseobacterium panacis sp. nov., isolated from ginseng soil. *Antonie Van Leeuwenhoek*, **2016**, 109, 187-96	2.1	5
18	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
17	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
16	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
15	Phenylobacterium panacis sp. nov., isolated from the rhizosphere of rusty mountain ginseng. *International Journal of Systematic and Evolutionary Microbiology*, **2016**, 66, 2691-2696	2.2	7

14	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
13	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
12	Flavobacterium panacis sp. nov., isolated from rhizosphere of Panax ginseng. *Antonie Van Leeuwenhoek*, **2016**, 109, 1199-208	2.1	6
11	Biological Synthesis of Nanoparticles from Plants and Microorganisms. *Trends in Biotechnology*, **2016**, 34, 588-599	15.1	796
10	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
9	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
8	Cupriavidus yeoncheonense sp. nov., isolated from soil of ginseng. *Antonie Van Leeuwenhoek*, **2015**, 107, 749-58	2.1	15
7	Biosynthesis, characterization, and antimicrobial applications of silver nanoparticles. *International Journal of Nanomedicine*, **2015**, 10, 2567-77	7.3	117
6	Sphingomonas panacis sp. nov., isolated from rhizosphere of rusty ginseng. *Antonie Van Leeuwenhoek*, **2015**, 108, 711-20	2.1	18
5	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
4	Microbacterium rhizomatis sp. nov., a β-glucosidase-producing bacterium isolated from rhizome of Korean mountain ginseng. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 3196-3202	2.2	4
3	Paenibacillus panaciterrae sp. nov., isolated from ginseng-cultivated soil. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 4080-4086	2.2	4
2	Anti-biofouling organic-inorganic hybrid membrane for water treatment. *Journal of Materials Chemistry*, **2012**, 22, 1834-1844		46
1	Pseudomonas deceptionensis DC5-mediated synthesis of extracellular silver nanoparticles		1