

Swapnil Gaikwad

List of Publications by Year in descending order

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33
papers

1,676
citations

331670

21
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

2523
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of process parameters for the synthesis of silver nanoparticles from Piper betle leaf aqueous extract, and evaluation of their antiphytofungal activity. Environmental Science and Pollution Research, 2020, 27, 27221-27233.	5.3	40
2	From biotechnology principles to functional and low-cost metallic bionanocatalysts. Biotechnology Advances, 2019, 37, 154-176.	11.7	34
3	Immobilized Nanoparticles-Mediated Enzymatic Hydrolysis of Cellulose for Clean Sugar Production: A Novel Approach. Current Nanoscience, 2019, 15, 296-303.	1.2	24
4	Fungi: Myconanofactory, Mycoremediation and Medicine. , 2018, , 201-219.		0
5	Biosynthesis of zinc oxide nanoparticles by petals extract of <i>Rosa indica</i> L., its formulation as nail paint and evaluation of antifungal activity against fungi causing onychomycosis. IET Nanobiotechnology, 2017, 11, 205-211.	3.8	45
6	Biogenic fabrication of CuNPs, Cu bioconjugates and <i>in vitro</i> assessment of antimicrobial and antioxidant activity. IET Nanobiotechnology, 2017, 11, 568-575.	3.8	6
7	Screening of Yeasts for Selection of Potential Strains and Their Utilization for In Situ Microbial Detoxification (ISMD) of Sugarcane Bagasse Hemicellulosic Hydrolysate. Indian Journal of Microbiology, 2016, 56, 172-181.	2.7	13
8	<i>Myxobacteria</i> mediated synthesis of silver nanoparticles and their impregnation in wrapping paper used for enhancing shelf life of apples. IET Nanobiotechnology, 2016, 10, 389-394.	3.8	27
9	Antimicrobial peptides as natural bio-preservative to enhance the shelf-life of food. Journal of Food Science and Technology, 2016, 53, 3381-3394.	2.8	130
10	Microbial community structure of two freshwater sponges using Illumina MiSeq sequencing revealed high microbial diversity. AMB Express, 2016, 6, 40.	3.0	34
11	Strategic role of nanotechnology for production of bioethanol and biodiesel. Nanotechnology Reviews, 2016, 5, .	5.8	75
12	The role of nanotechnology in control of human diseases: perspectives in ocular surface diseases. Critical Reviews in Biotechnology, 2016, 36, 777-787.	9.0	17
13	Phycofabrication Of Silver Nanoparticles And Their Antibacterial Activity Against Human Pathogens. Advanced Materials Letters, 2016, 7, 1010-1014.	0.6	9
14	Phytofabrication of silver nanoparticles by using aquatic plant Hydrilla verticillata. Nusantara Bioscience, 2016, 4, .	0.6	5
15	Potential applications of curcumin and curcumin nanoparticles: from traditional therapeutics to modern nanomedicine. Nanotechnology Reviews, 2015, 4, 161-172.	5.8	60
16	Curcumin nanoparticles: physico-chemical fabrication and its <i>in vitro</i> efficacy against human pathogens. 3 Biotech, 2015, 5, 991-997.	2.2	64
17	Catharanthus roseus leaf extract-synthesized chitosan nanoparticles for controlled <i>in vitro</i> release of chloramphenicol and ketoconazole. Colloid and Polymer Science, 2015, 293, 1465-1473.	2.1	31
18	Biosynthesized silver nanoparticles performing as biogenic SERS-nanotags for investigation of C26 colon carcinoma cells. Colloids and Surfaces B: Biointerfaces, 2015, 133, 296-303.	5.0	47

#	ARTICLE	IF	CITATIONS
19	Gold nanoparticles: novel catalyst for the preparation of direct methanol fuel cell. IET Nanobiotechnology, 2015, 9, 66-70.	3.8	10
20	Potential applications of curcumin and curcumin nanoparticles: from traditional therapeutics to modern nanomedicine. Nanotechnology Reviews, 2015, .	5.8	2
21	Current Advances in the Antimicrobial Potential of Species of Genus Ganoderma (Higher) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Medicinal Mushrooms, 2015, 17, 921-932.	1.5	8
22	Potency of Silver Nanoparticles (SNPs) as UV protectant for HaNPV. Journal of Biological Control, 2015, 29, 94.	0.2	0
23	<i>Lawsonia inermis</i> mediated synthesis of silver nanoparticles: activity against human pathogenic fungi and bacteria with special reference to formulation of an antimicrobial nanogel. IET Nanobiotechnology, 2014, 8, 172-178.	3.8	44
24	Green synthesis of silver nanoparticles by <i>Phoma glomerata</i> . Micron, 2014, 59, 52-59.	2.2	126
25	In vitro antifungal efficacy of copper nanoparticles against selected crop pathogenic fungi. Materials Letters, 2014, 115, 13-17.	2.6	316
26	Screening of different species of <i>Phoma</i> for the synthesis of silver nanoparticles. Biotechnology and Applied Biochemistry, 2013, 60, 482-493.	3.1	30
27	Bioconjugation of Gold and Silver Nanoparticles Synthesized by <i>Fusarium oxysporum</i> and Their Use in Rapid Identification of <i>Candida</i> Species by Using Bioconjugate-Nano-Polymerase Chain Reaction. Journal of Biomedical Nanotechnology, 2013, 9, 1962-1971.	1.1	22
28	Antiviral activity of mycosynthesized silver nanoparticles against herpes simplex virus and human parainfluenza virus type 3. International Journal of Nanomedicine, 2013, 8, 4303.	6.7	215
29	Biomedical applications of nanobiosensors: the state-of-the-art. Journal of the Brazilian Chemical Society, 2012, , .	0.6	22
30	Mycosynthesis of Silver Nanoparticles Using Lingzhi or Reishi Medicinal Mushroom, <i>Ganoderma lucidum</i> (W. Curt.:Fr.) P. Karst. and their Role as Antimicrobials and Antibiotic Activity Enhancers. International Journal of Medicinal Mushrooms, 2011, 13, 483-491.	1.5	42
31	A New Report on Mycosynthesis of Silver Nanoparticles by <i>Fusarium culmorum</i> . Current Nanoscience, 2010, 6, 376-380.	1.2	77
32	Biofabrication of Silver Nanoparticles by <i>Opuntia ficus-indica</i> : In vitro Antibacterial Activity and Study of the Mechanism Involved in the Synthesis. Current Nanoscience, 2010, 6, 370-375.	1.2	99
33	Industrial Applications of Nanomaterials Produced from <i>Aspergillus</i> Species. , 0, , .		2