

Arpit Bhargava

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,164
citations

687363

13
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular biosynthesis and characterization of silver nanoparticles using <i>Aspergillus flavus</i> NJP08: A mechanism perspective. <i>Nanoscale</i> , 2011, 3, 635-641.	5.6	437
2	Synthesis and Applications of Noble Metal Nanoparticles: A Review. <i>Advanced Science, Engineering and Medicine</i> , 2017, 9, 527-544.	0.3	145
3	A biomimetic approach towards synthesis of zinc oxide nanoparticles. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 859-869.	3.6	138
4	Utilizing metal tolerance potential of soil fungus for efficient synthesis of gold nanoparticles with superior catalytic activity for degradation of rhodamine B. <i>Journal of Environmental Management</i> , 2016, 183, 22-32.	7.8	93
5	Biosynthesized Protein-Capped Silver Nanoparticles Induce ROS-Dependent Proapoptotic Signals and Prosurvival Autophagy in Cancer Cells. <i>ACS Omega</i> , 2017, 2, 1489-1504.	3.5	62
6	Formation and Characterization of Protein Corona Around Nanoparticles: A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6653-6670.	0.9	60
7	Removal of Protein Capping Enhances the Antibacterial Efficiency of Biosynthesized Silver Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0134337.	2.5	47
8	Superior Bactericidal Efficacy of Fucose-Functionalized Silver Nanoparticles against <i>Pseudomonas aeruginosa</i> PAO1 and Prevention of Its Colonization on Urinary Catheters. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29325-29337.	8.0	35
9	Development of gold nanoparticle-fungal hybrid based heterogeneous interface for catalytic applications. <i>Process Biochemistry</i> , 2015, 50, 1293-1300.	3.7	33
10	Synthesis, characterization and mechanistic insights of mycogenic iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	25
11	Silver Nanoparticles Induce a Triclosan-Like Antibacterial Action Mechanism in Multi-Drug Resistant <i>Klebsiella pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 638640.	3.5	22
12	Pre-coating of protein modulate patterns of corona formation, physiological stability and cytotoxicity of silver nanoparticles. <i>Science of the Total Environment</i> , 2021, 772, 144797.	8.0	22
13	Does seed size and surface anatomy play role in combating phytotoxicity of nanoparticles?. <i>Ecotoxicology</i> , 2017, 26, 238-249.	2.4	16
14	Biomimetic approach for multifarious synthesis of nanoparticles using metal tolerant fungi: A mechanistic perspective. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 262, 114771.	3.5	16
15	Synthesis, characterization and mechanistic insights of mycogenic iron oxide nanoparticles. , 2013, , 337-348.		6
16	Unveiling the potential of metal-tolerant fungi for efficient enzyme production. <i>Process Biochemistry</i> , 2014, 49, 1858-1866.	3.7	3
17	Does Silver in Different Forms Affect Bacterial Susceptibility and Resistance? A Mechanistic Perspective. <i>ACS Applied Bio Materials</i> , 2022, 5, 801-817.	4.6	2