

Arpit Bhargava

List of Publications by Year in descending order

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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	Does Silver in Different Forms Affect Bacterial Susceptibility and Resistance? A Mechanistic Perspective. ACS Applied Bio Materials, 2022, 5, 801-817.	4.6	2
2	Silver Nanoparticles Induce a Triclosan-Like Antibacterial Action Mechanism in Multi-Drug Resistant <i>Klebsiella pneumoniae</i> . Frontiers in Microbiology, 2021, 12, 638640.	3.5	22
3	Pre-coating of protein modulate patterns of corona formation, physiological stability and cytotoxicity of silver nanoparticles. Science of the Total Environment, 2021, 772, 144797.	8.0	22
4	Biomimetic approach for multifarious synthesis of nanoparticles using metal tolerant fungi: A mechanistic perspective. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 262, 114771.	3.5	16
5	Formation and Characterization of Protein Corona Around Nanoparticles: A Review. Journal of Nanoscience and Nanotechnology, 2018, 18, 6653-6670.	0.9	60
6	Superior Bactericidal Efficacy of Fucose-Functionalized Silver Nanoparticles against <i>Pseudomonas aeruginosa</i> PAO1 and Prevention of Its Colonization on Urinary Catheters. ACS Applied Materials & Interfaces, 2018, 10, 29325-29337.	8.0	35
7	Does seed size and surface anatomy play role in combating phytotoxicity of nanoparticles?. Ecotoxicology, 2017, 26, 238-249.	2.4	16
8	Biosynthesized Protein-Capped Silver Nanoparticles Induce ROS-Dependent Proapoptotic Signals and Prosurvival Autophagy in Cancer Cells. ACS Omega, 2017, 2, 1489-1504.	3.5	62
9	Synthesis and Applications of Noble Metal Nanoparticles: A Review. Advanced Science, Engineering and Medicine, 2017, 9, 527-544.	0.3	145
10	Utilizing metal tolerance potential of soil fungus for efficient synthesis of gold nanoparticles with superior catalytic activity for degradation of rhodamine B. Journal of Environmental Management, 2016, 183, 22-32.	7.8	93
11	Development of gold nanoparticle-fungal hybrid based heterogeneous interface for catalytic applications. Process Biochemistry, 2015, 50, 1293-1300.	3.7	33
12	Removal of Protein Capping Enhances the Antibacterial Efficiency of Biosynthesized Silver Nanoparticles. PLoS ONE, 2015, 10, e0134337.	2.5	47
13	Unveiling the potential of metal-tolerant fungi for efficient enzyme production. Process Biochemistry, 2014, 49, 1858-1866.	3.7	3
14	Synthesis, characterization and mechanistic insights of mycogenic iron oxide nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	25
15	A biomimetic approach towards synthesis of zinc oxide nanoparticles. Applied Microbiology and Biotechnology, 2013, 97, 859-869.	3.6	138
16	Synthesis, characterization and mechanistic insights of mycogenic iron oxide nanoparticles. , 2013, , 337-348.		6
17	Extracellular biosynthesis and characterization of silver nanoparticles using <i>Aspergillus flavus</i> NJPO8: A mechanism perspective. Nanoscale, 2011, 3, 635-641.	5.6	437