

Manoranjan Arakha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3525801/publications.pdf>

Version: 2024-02-01

25
papers

1,405
citations

687363

13
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

2447
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification, Synthesis and Application of Nanoparticles Against Infectious Diseases. , 2022, , 35-58.		0
2	Processing of hardened steel by MQL technique using nano cutting fluids. Materials and Manufacturing Processes, 2021, 36, 316-328.	4.7	21
3	Microbial cells as biological factory for nanoparticle synthesis. Frontiers of Materials Science, 2021, 15, 177-191.	2.2	10
4	Proteinâ€™Nanoparticle Interaction and Its Potential Biological Implications. , 2021, , 155-173.		0
5	Zinc oxide nanoparticle interface moderation with tyrosine and tryptophan reverses the pro-amyloidogenic property of the particle. Biochimie, 2021, , .	2.6	1
6	Oxidative stress generated at nickel oxide nanoparticle interface results in bacterial membrane damage leading to cell death. RSC Advances, 2019, 9, 24888-24894.	3.6	52
7	Magnetic Nanoparticle Interface with an Antimicrobial Propensity. Nanotechnology in the Life Sciences, 2019, , 287-300.	0.6	2
8	Silver nanoparticles fabricated using medicinal plant extracts show enhanced antimicrobial and selective cytotoxic propensities. IET Nanobiotechnology, 2019, 13, 193-201.	3.8	16
9	Passive membrane penetration by ZnO nanoparticles is driven by the interplay of electrostatic and phase boundary conditions. Nanoscale, 2018, 10, 3369-3384.	5.6	19
10	Nanoparticle. Series in Bioengineering, 2018, , 1-36.	0.6	3
11	Synthesis and Characterization of Nanoparticles. Series in Bioengineering, 2018, , 37-59.	0.6	2
12	Effect of Interfacial Potential on Antimicrobial Propensity of ZnONPs. Series in Bioengineering, 2018, , 61-77.	0.6	0
13	Effect of ZnONP Surface Defects on Cytotoxic and Antimicrobial Propensities. Series in Bioengineering, 2018, , 91-110.	0.6	1
14	Effect of Interfacial Assembly of Antimicrobial Peptide on Conformational and Functional Dynamics of the Peptide. Series in Bioengineering, 2018, , 111-135.	0.6	0
15	Biofabrication of silver nanoparticles using bacteria from mangrove swamp. IET Nanobiotechnology, 2018, 12, 626-632.	3.8	14
16	Preferential binding to zinc oxide nanoparticle interface inhibits lysozyme fibrillation and cytotoxicity. International Journal of Biological Macromolecules, 2018, 116, 955-965.	7.5	21
17	Zinc oxide nanoparticle energy band gap reduction triggers the oxidative stress resulting into autophagy-mediated apoptotic cell death. Free Radical Biology and Medicine, 2017, 110, 42-53.	2.9	75
18	Lipid-II Independent Antimicrobial Mechanism of Nisin Depends On Its Crowding And Degree Of Oligomerization. Scientific Reports, 2016, 6, 37908.	3.3	95

#	ARTICLE	IF	CITATIONS
19	Impact of imidazolium-based ionic liquids on the structure and stability of lysozyme. Spectroscopy Letters, 2016, 49, 383-390.	1.0	38
20	Screening of metal-resistant coal mine bacteria for biofabrication of elemental silver nanoparticle. Bulletin of Materials Science, 2016, 39, 397-404.	1.7	12
21	Enhancement of properties of recycled coarse aggregate concrete using bacteria. International Journal of Smart and Nano Materials, 2016, 7, 22-38.	4.2	54
22	Interfacial assembly at silver nanoparticle enhances the antibacterial efficacy of nisin. Free Radical Biology and Medicine, 2016, 101, 434-445.	2.9	38
23	An approach towards continuous production of silver nanoparticles using Bacillus thuringiensis. RSC Advances, 2016, 6, 8232-8242.	3.6	27
24	Antimicrobial activity of iron oxide nanoparticle upon modulation of nanoparticle-bacteria interface. Scientific Reports, 2015, 5, 14813.	3.3	557
25	The effects of interfacial potential on antimicrobial propensity of ZnO nanoparticle. Scientific Reports, 2015, 5, 9578.	3.3	341