

Bidhan Mohanta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1238771/publications.pdf>

Version: 2024-02-01

8
papers

164
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape dependent physical mutilation and lethal effects of silver nanoparticles on bacteria. Scientific Reports, 2018, 8, 201.	3.3	120
2	Theoretical prediction of absorbance spectra considering the particle size distribution using Mie theory and their comparison with the experimental UV-Vis spectra of synthesized nanoparticles. Spectroscopy Letters, 2018, 51, 139-143.	1.0	13
3	Optical and antibacterial properties of synthesised silver nanoparticles. Micro and Nano Letters, 2017, 12, 223-226.	1.3	10
4	Antibacterial properties of synthesized Ag and Ag@SiO ₂ core-shell nanoparticles: a comparative study. Canadian Journal of Physics, 2018, 96, 955-960.	1.1	10
5	A comparative study on the antibacterial activity of different shaped silver nanoparticles. Chemical Papers, 2021, 75, 4907-4915.	2.2	8
6	Bactericidal effect of gentamicin conjugated gold nanoparticles. Micro and Nano Letters, 2020, 15, 657-661.	1.3	2
7	A comparative study of the vibrational spectra of HCN in exact vibron model and in mean field approximation. Canadian Journal of Physics, 2017, 95, 130-135.	1.1	1
8	Facile phyto-mediated synthesis of gold nanoparticles using <i>Eupatorium odoratum</i> leaf extract and its size-dependent catalytic activity. Micro and Nano Letters, 2019, 14, 1163-1168.	1.3	0