

# Somnath Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

448  
citations

1170033

9  
h-index

1336881

12  
g-index

12  
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12  
docs citations

12  
times ranked

1005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects of nano-carbons as emerging catalysts for enzyme-mimetic applications. <i>Materials Advances</i> , 2022, 3, 3101-3122.	2.6	39
2	Fumaric acid incorporated Ag/agar-agar hybrid hydrogel: A multifunctional avenue to tackle wound healing. <i>Materials Science and Engineering C</i> , 2020, 111, 110743.	3.8	58
3	Mechanical, wear and fatigue behavior of functionalized CNTs reinforced POM/PTFE composites. <i>Materials Research Express</i> , 2019, 6, 065051.	0.8	8
4	Effect of functionalization and concentration of carbon nanotubes on mechanical, wear and fatigue behaviours of polyoxymethylene/carbon nanotube nanocomposites. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	9
5	Nano-structured mesoporous silica/silver composite: Synthesis, characterization and targeted application towards water purification. <i>Materials Research Bulletin</i> , 2017, 88, 291-300.	2.7	20
6	Curious Case of Bactericidal Action of ZnO. <i>Journal of Nanoscience</i> , 2014, 2014, 1-8.	2.6	9
7	1.5 V battery driven reduced graphene oxide-silver nanostructure coated carbon foam (rGO-Ag-CF) for the purification of drinking water. <i>Nanotechnology</i> , 2013, 24, 235101.	1.3	18
8	Optimisation of an asymmetric polymerase chain reaction assay for the amplification of single-stranded DNA from <i>Wuchereria bancrofti</i> for electrochemical detection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 804-807.	0.8	9
9	Zinc Oxide Modified Au Electrode as Sensor for an Efficient Detection of Hydrazine. <i>Electroanalysis</i> , 2012, 24, 1869-1877.	1.5	34
10	ZnO/Ag nanohybrid: synthesis, characterization, synergistic antibacterial activity and its mechanism. <i>RSC Advances</i> , 2012, 2, 930-940.	1.7	169
11	Ag@AgI, Core@Shell Structure in Agarose Matrix as Hybrid: Synthesis, Characterization, and Antimicrobial Activity. <i>Langmuir</i> , 2012, 28, 8550-8561.	1.6	48
12	Study of Antibacterial Efficacy of Hybrid Chitosan-Silver Nanoparticles for Prevention of Specific Biofilm and Water Purification. <i>International Journal of Carbohydrate Chemistry</i> , 2011, 2011, 1-11.	1.5	27