

# Gourab Bhattacharjee

## List of Publications by Year in descending order

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17  
papers

301  
citations

1163117

8  
h-index

888059

17  
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17  
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17  
docs citations

17  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating Size- and Temperature-Dependent Coercivity and Saturation Magnetization in PEG Coated Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Magnetochemistry</i> , 2017, 3, 19.	2.4	55
2	Core-Shell Gold@Silver Nanorods of Varying Length for High Surface-Enhanced Raman Scattering Enhancement. <i>ACS Applied Nano Materials</i> , 2018, 1, 5589-5600.	5.0	42
3	Investigating Exchange Bias and Coercivity in Fe <sub>3</sub> O <sub>4</sub> @Fe <sub>2</sub> O <sub>3</sub> Core-Shell Nanoparticles of Fixed Core Diameter and Variable Shell Thicknesses. <i>Nanomaterials</i> , 2017, 7, 415.	4.1	36
4	Surface Stoichiometry and Optical Properties of Cu <sub>x</sub> Ti <sub>y</sub> Cz Thin Films Deposited by Magnetron Sputtering. <i>Coatings</i> , 2019, 9, 551.	2.6	33
5	Bimetallic gold-silver nanoparticles mediate bacterial killing by disrupting the actin cytoskeleton MreB. <i>Nanoscale</i> , 2020, 12, 3731-3749.	5.6	32
6	Core-shell gold @silver hollow nanocubes for higher SERS enhancement and non-enzymatic biosensor. <i>Materials Chemistry and Physics</i> , 2020, 239, 122113.	4.0	26
7	Supramolecular Hydrogel from an Oxidized Byproduct of Tyrosine. <i>ACS Applied Bio Materials</i> , 2019, 2, 4881-4891.	4.6	16
8	Surface Stoichiometry and Depth Profile of Ti <sub>x</sub> Cu <sub>y</sub> N <sub>z</sub> Thin Films Deposited by Magnetron Sputtering. <i>Materials</i> , 2021, 14, 3191.	2.9	11
9	Single Amino Acid Based Self-Assembled Biomaterials with Potent Antimicrobial Activity. <i>Chemistry - A European Journal</i> , 2021, 27, 16744-16753.	3.3	9
10	Supramolecular assemblies of a 1,8-naphthalimide conjugate and its aggregation-induced emission property. <i>Materials Advances</i> , 2020, 1, 3532-3538.	5.4	8
11	Deposition of Au nanoparticles inside porous CeO <sub>2</sub> nanocubes using Langmuir-Blodgett technique. <i>New Journal of Chemistry</i> , 2018, 42, 1379-1386.	2.8	7
12	Photoinduced electronic interactions between acridine derivatives and small gold nanoparticles: A spectroscopic insight. <i>Journal of Molecular Liquids</i> , 2018, 272, 198-208.	4.9	7
13	Au-Seeded Ag-Nanorod Networks for Electrocatalytic Sensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 9969-9983.	5.0	5
14	Evolution of ion-induced nano-dot patterns on silicon surface in presence of seeding materials. <i>Applied Surface Science</i> , 2020, 526, 146645.	6.1	5
15	Dexterous Route for Synthesis of Hollow Spherical ZnO and ZnO@Ag Nanocomposite with Superior Photocatalytic Ability. <i>ChemistrySelect</i> , 2019, 4, 5518-5526.	1.5	4
16	Impact of porous nanomaterials on inhibiting protein aggregation behaviour. <i>RSC Advances</i> , 2021, 11, 3354-3362.	3.6	4
17	Low Magnetic Field Induced Surface Enhanced Transient Spin-Trajectory Modulation of a Prototype Anticancer Drug Sanguinarine on a Single Domain Superparamagnetic Nanosurface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20619-20631.	3.1	1