

Abhijit Saha

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

268
citations

1163117

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940533

16
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17
all docs

17
docs citations

17
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in synthesis and biological applications of graphene quantum dots. Journal of the Indian Chemical Society, 2021, 98, 100069.	2.8	6
2	Synthesis of luminescent biotinylated multivalent dendrimer encapsulated quantum dots and investigation on its physico-chemical interactions with biological receptor avidin. Journal of Luminescence, 2021, 234, 117940.	3.1	2
3	Highly radiation resistant room temperature organic perovskite halide (FAPbI ₃) crystal for direct detection of gamma-ray photons down to nano curie activity. Journal Physics D: Applied Physics, 2021, 54, 455104.	2.8	8
4	Room temperature synthesis of NIR emitting Ag ₂ S nanoparticles through aqueous route and its influence on structural modulation of DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117536.	3.9	8
5	<p></p>Silver-Based Nanomaterials as Therapeutic Agents Against Coronaviruses: A Review</p>. International Journal of Nanomedicine, 2020, Volume 15, 9301-9315.	6.7	37
6	Physicochemical Understanding of Protein-Bound Quantum Dot-Based Sensitive Probing of Bilirubin: Validation with Real Samples and Implications of Protein Conformation in Sensing. ACS Applied Bio Materials, 2020, 3, 8820-8829.	4.6	12
7	Reversible Light-Responsive Solventless-Liquid Switch: Polarization-Induced Dynamic Surface Orderingâ€“Disordering in Liquid-Like Carbon Quantum Dots. Journal of Physical Chemistry Letters, 2020, 11, 4726-4733.	4.6	2
8	Folate-Directed Shape-Transformative Synthesis of Hollow Silver Nanocubes: Plasmon Tunability, Growth Kinetics, and Catalytic Applications. ACS Applied Nano Materials, 2018, 1, 4294-4305.	5.0	17
9	Exploiting the biomimetic and luminescence properties of multivalent dendrimerâ€“semiconductor nanohybrid materials in the ultra-low level determination of folic acid. Analyst, The, 2017, 142, 2491-2499.	3.5	13
10	Synthesis of Excitation Independent Highly Luminescent Graphene Quantum Dots through Perchloric Acid Oxidation. Langmuir, 2017, 33, 14634-14642.	3.5	53
11	SERS Enhancement on the Basis of Temperatureâ€“Dependent Chemisorption: Microcalorimetric Evidence. ChemPhysChem, 2016, 17, 4144-4148.	2.1	3
12	Synthesis and spectral measurements of sulphonated graphene: some anomalous observations. Physical Chemistry Chemical Physics, 2016, 18, 6701-6705.	2.8	13
13	Reductant Control on Particle Size, Size Distribution and Morphology in the Process of Surface Enhanced Raman Spectroscopy Active Silver Colloid Synthesis. Journal of Nanoscience and Nanotechnology, 2015, 15, 1771-1779.	0.9	7
14	Determination of the energetics of formation of semiconductor/dendrimer nanohybrid materials: implications on the size and size distribution of nanocrystals. RSC Advances, 2014, 4, 13085.	3.6	5
15	Room Temperature Aqueous Synthesis of Bipyramidal Silver Nanostructures. Journal of Nanoscience and Nanotechnology, 2012, 12, 2014-2021.	0.9	4
16	Protein conformation driven biomimetic synthesis of semiconductor nanoparticles. Journal of Materials Chemistry, 2012, 22, 699-706.	6.7	47
17	Probing of ascorbic acid by CdS/dendrimer nanocomposites: a spectroscopic investigation. Analytical and Bioanalytical Chemistry, 2010, 397, 1573-1582.	3.7	31