

# Somrita Mondal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10697915/publications.pdf>

Version: 2024-02-01

9  
papers

100  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein conformation driven biomimetic synthesis of semiconductor nanoparticles. Journal of Materials Chemistry, 2012, 22, 699-706.	6.7	47
2	Physico-Chemical Aspects of Quantum Dot-Vasodialator Interaction: Implications in Nanodiagnostics. Journal of Physical Chemistry C, 2012, 116, 9774-9782.	3.1	15
3	Interaction of ZnS nanoparticles with flavins and glucose oxidase: A fluorimetric investigation. Journal of Luminescence, 2012, 132, 545-549.	3.1	12
4	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
5	Evolution of biofunctional semiconductor nanocrystals: a calorimetric investigation. Physical Chemistry Chemical Physics, 2013, 15, 20354.	2.8	6
6	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
7	Modulation of catalytic functionality of alkaline phosphatase induced by semiconductor quantum dots: evidence of substrate-mediated protection. RSC Advances, 2016, 6, 5024-5031.	3.6	5
8	SERS Enhancement on the Basis of Temperature-Dependent Chemisorption: Microcalorimetric Evidence. ChemPhysChem, 2016, 17, 4144-4148.	2.1	3
9	Interactions of graphene oxide with luminescent biofunctionalized semiconductor nanoparticles: simultaneous monitoring in a protein-semiconductor coupled system. RSC Advances, 2015, 5, 89911-89918.	3.6	0