

# Sadananda Mandal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4487384/publications.pdf>

Version: 2024-02-01

16  
papers

550  
citations

759233

12  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Gold Nanoparticle with Human Serum Albumin (HSA) Protein Using Surface Energy Transfer. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24037-24044.	3.1	116
2	Surfactant-Assisted Porphyrin Based Hierarchical Nano/Micro Assemblies and Their Efficient Photocatalytic Behavior. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 130-136.	8.0	87
3	Graphene-Porphyrin Nanorod Composites for Solar Light Harvesting. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1562-1568.	6.7	57
4	Photophysical Properties, Self-Assembly Behavior, and Energy Transfer of Porphyrin-Based Functional Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11401-11407.	3.1	54
5	Fluorescence Switching of Quantum Dot in Quantum Dot-Porphyrin-Cucurbit [7] Uril Assemblies. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3069-3077.	3.1	39
6	Photophysical and photoconductivity properties of thiol-functionalized graphene-CdSe QD composites. <i>RSC Advances</i> , 2014, 4, 13788.	3.6	34
7	Photophysical Properties of Au-CdTe Hybrid Nanostructures of Varying Sizes and Shapes. <i>ChemPhysChem</i> , 2012, 13, 3989-3996.	2.1	33
8	Charge transfer dynamics in CsPbBr <sub>3</sub> perovskite quantum dots-anthraquinone/fullerene (C60) hybrids. <i>Nanoscale</i> , 2019, 11, 862-869.	5.6	28
9	Porphyrin-Based Functional Nanoparticles: Conformational and Photophysical Properties of Bis-Porphyrin and Bis-Porphyrin Encapsulated Polymer Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24029-24036.	3.1	18
10	Photoinduced Energy Transfer in ZnCdSeS Quantum Dot-Phthalocyanines Hybrids. <i>ACS Omega</i> , 2018, 3, 10048-10057.	3.5	16
11	Lanthanide based resonance energy transfer (LRET) between Ce-doped LaPO <sub>4</sub> nanorods and coumarin 440 dye. <i>RSC Advances</i> , 2013, 3, 13372.	3.6	14
12	Photophysical properties of ionic liquid-assisted porphyrin nanoaggregate-nickel phthalocyanine conjugates and singlet oxygen generation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8691-8699.	5.5	14
13	Multiphoton Excitation of CsPbBr <sub>3</sub> Perovskite Quantum Dots (PQDs): How Many Electrons Can One PQD Donate to Multiple Molecular Acceptors?. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2775-2781.	4.6	14
14	Spectroscopic Investigations on the H-Type Aggregation of Coumarin 153 Dye Molecules: Role of Au Nanoparticles and $\beta$ -Cyclodextrin. <i>Journal of Fluorescence</i> , 2012, 22, 303-310.	2.5	10
15	A ternary system of quantum dot-Porphyrin-Semiconducting organic nanoparticles for light harvesting. <i>Synthetic Metals</i> , 2016, 222, 76-83.	3.9	10
16	Photon Harvesting in Sunscreen-Based Functional Nanoparticles. <i>ChemPhysChem</i> , 2015, 16, 3618-3624.	2.1	6