

# Srijon Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

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citations

1040056

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996975

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20  
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20  
docs citations

20  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot Hole Cooling and Transfer Dynamics from Lead Halide Perovskite Nanocrystals Using Porphyrin Molecules. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5859-5869.	3.1	37
2	Ultrafast Carrier Dynamics in 2D CdSe Nanoplatelets@CsPbX <sub>3</sub> Composites: Influence of the Halide Composition. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10252-10260.	3.1	30
3	Deciphering the Relaxation Mechanism of Red-Emitting Carbon Dots Using Ultrafast Spectroscopy and Global Target Analysis. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8080-8087.	4.6	26
4	Structural Analysis and Carrier Relaxation Dynamics of 2D CsPbBr <sub>3</sub> Nanoplatelets. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12214-12223.	3.1	23
5	Modulating the Carrier Relaxation Dynamics in Heterovalently (Bi <sup>3+</sup> ) Doped CsPbBr <sub>3</sub> Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5431-5440.	4.6	18
6	Impacts of CsPbBr <sub>3</sub> /PbSe Heterostructures on Carrier Cooling Dynamics at Low Carrier Density. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	16
7	Effect of an anionic surfactant (SDS) on the photoluminescence of graphene oxide (GO) in acidic and alkaline medium. <i>RSC Advances</i> , 2018, 8, 584-595.	3.6	14
8	Ultrafast Energy Flow Dynamics in a Conjugated Polymer-Based Host-Guest Light-Harvesting System. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26727-26734.	3.1	13
9	Ultrafast Relaxation Processes of Conjugated Polymer Nanoparticles in the Presence of Au Nanoparticles. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4681-4687.	3.3	11
10	Evidence of Hot Charge Carrier Transfer in Hybrid CsPbBr <sub>3</sub> /Functionalized Graphene. <i>ChemNanoMat</i> , 2022, 8, .	2.8	11
11	Unraveling the Effect of Single Atom Doping on the Carrier Relaxation Dynamics of MAg <sub>24</sub> Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5581-5588.	4.6	11
12	Engineering the Excited-State Dynamics of 3-Aminoquinoline by Chemical Modification and Temperature Variation. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12920-12927.	2.6	9
13	Global and target analysis of relaxation processes of the collapsed state of P3HT polymer nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2229-2237.	2.8	9
14	The Impact of Aggregation of Quaterthiophenes on the Excited State Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3424-3430.	4.6	9
15	Revealing Complex Relaxation Processes of Collapsed Conjugated Polymer Nanoparticles in the Presence of Different Shapes of Gold Nanoparticles Using Global and Target Analysis. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26165-26173.	3.1	8
16	Impacts of Dopant and Post-Synthetic Heat-Treatment on Carrier Relaxation of Cu <sup>2+</sup> -Doped CdSe Nanoplatelets. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7739-7747.	3.1	7
17	Investigation of Morphology-Controlled Ultrafast Relaxation Processes of Aggregated Porphyrin. <i>ChemPhysChem</i> , 2020, 21, 2196-2205.	2.1	6
18	Implications of relaxation dynamics of collapsed conjugated polymeric nanoparticles for light-harvesting applications. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14549-14563.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Manipulation of the exciton diffusion length of conjugated polymer nanoparticles: role of electron and hole scavenger molecules. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	5
20	Investigation of carrier dynamics of QDs using kinetic model and ultrafast spectroscopy. <i>Optical Materials: X</i> , 2022, 13, 100126.	0.8	3