# Srijon Ghosh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3380216/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 20 papers | 272 citations | 1040056 9 h-index | 996975 15 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 165 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Investigation of carrier dynamics of QDs using kinetic model and ultrafast spectroscopy. Optical Materials: X, 2022, 13, 100126. | 0.8 | 3 |
| 2 | Impacts of CsPbBr<sub>3</sub>/PbSe Heterostructures on Carrier Cooling Dynamics at Low Carrier Density. Advanced Optical Materials, 2022, 10, . | 7.3 | 16 |
| 3 | Impacts of Dopant and Post-Synthetic Heat-Treatment on Carrier Relaxation of Cu<sup>2+</sup>-Doped CdSe Nanoplatelets. Journal of Physical Chemistry C, 2022, 126, 7739-7747. | 3.1 | 7 |
| 4 | Evidence of Hot Charge Carrier Transfer in Hybrid CsPbBr<sub>3</sub>/Functionalized Graphene. ChemNanoMat, 2022, 8, . | 2.8 | 11 |
| 5 | Unraveling the Effect of Single Atom Doping on the Carrier Relaxation Dynamics of MAg<sub>24</sub><sup>nâ€“</sup> Nanoclusters. Journal of Physical Chemistry Letters, 2022, 13, 5581-5588. | 4.6 | 11 |
| 6 | Modulating the Carrier Relaxation Dynamics in Heterovalently (Bi<sup>3+</sup>) Doped CsPbBr<sub>3</sub> Nanocrystals. Journal of Physical Chemistry Letters, 2022, 13, 5431-5440. | 4.6 | 18 |
| 7 | Implications of relaxation dynamics of collapsed conjugated polymeric nanoparticles for light-harvesting applications. Physical Chemistry Chemical Physics, 2021, 23, 14549-14563. | 2.8 | 6 |
| 8 | Hot Hole Cooling and Transfer Dynamics from Lead Halide Perovskite Nanocrystals Using Porphyrin Molecules. Journal of Physical Chemistry C, 2021, 125, 5859-5869. | 3.1 | 37 |
| 9 | The Impact of Aggregation of Quaterthiophenes on the Excited State Dynamics. Journal of Physical Chemistry Letters, 2021, 12, 3424-3430. | 4.6 | 9 |
| 10 | Structural Analysis and Carrier Relaxation Dynamics of 2D CsPbBr<sub>3</sub> Nanoplatelets. Journal of Physical Chemistry C, 2021, 125, 12214-12223. | 3.1 | 23 |
| 11 | Deciphering the Relaxation Mechanism of Red-Emitting Carbon Dots Using Ultrafast Spectroscopy and Global Target Analysis. Journal of Physical Chemistry Letters, 2021, 12, 8080-8087. | 4.6 | 26 |
| 12 | Global and target analysis of relaxation processes of the collapsed state of P3HT polymer nanoparticles. Physical Chemistry Chemical Physics, 2020, 22, 2229-2237. | 2.8 | 9 |
| 13 | Revealing Complex Relaxation Processes of Collapsed Conjugated Polymer Nanoparticles in the Presence of Different Shapes of Gold Nanoparticles Using Global and Target Analysis. Journal of Physical Chemistry C, 2020, 124, 26165-26173. | 3.1 | 8 |
| 14 | Manipulation of the exciton diffusion length of conjugated polymer nanoparticles: role of electron and hole scavenger molecules. Bulletin of Materials Science, 2020, 43, 1. | 1.7 | 5 |
| 15 | Investigation of Morphologyâ€Controlled Ultrafast Relaxation Processes of Aggregated Porphyrin. ChemPhysChem, 2020, 21, 2196-2205. | 2.1 | 6 |
| 16 | Ultrafast Carrier Dynamics in 2D CdSe Nanoplateletsâ€“CsPbX<sub>3</sub> Composites: Influence of the Halide Composition. Journal of Physical Chemistry C, 2020, 124, 10252-10260. | 3.1 | 30 |
| 17 | Ultrafast Relaxation Processes of Conjugated Polymer Nanoparticles in the Presence of Au Nanoparticles. Chemistry - an Asian Journal, 2019, 14, 4681-4687. | 3.3 | 11 |
| 18 | Ultrafast Energy Flow Dynamics in a Conjugated Polymer-Based Hostâ€“Guest Light-Harvesting System. Journal of Physical Chemistry C, 2019, 123, 26727-26734. | 3.1 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effect of an anionic surfactant (SDS) on the photoluminescence of graphene oxide (GO) in acidic and alkaline medium. RSC Advances, 2018, 8, 584-595. | 3.6 | 14 |
| 20 | Engineering the Excited-State Dynamics of 3-Aminoquinoline by Chemical Modification and Temperature Variation. Journal of Physical Chemistry B, 2016, 120, 12920-12927. | 2.6 | 9 |