

Poulami Dutta

List of Publications by Year in descending order

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8
papers

248
citations

1307594
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times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast hole extraction from photoexcited colloidal CdSe quantum dots coupled to nitroxide free radicals. <i>Journal of Chemical Physics</i> , 2019, 151, 174706.	3.0	8
2	Elucidating the role of surface passivating ligand structural parameters in hole wave function delocalization in semiconductor cluster molecules. <i>Nanoscale</i> , 2017, 9, 14127-14138.	5.6	11
3	Dual Role of Electron-Accepting Metal-Carboxylate Ligands: Reversible Expansion of Exciton Delocalization and Passivation of Nonradiative Trap-States in Molecule-like CdSe Nanocrystals. <i>Journal of the American Chemical Society</i> , 2016, 138, 12813-12825.	13.7	29
4	Pure white-light emitting ultrasmall organo-inorganic hybrid perovskite nanoclusters. <i>Nanoscale</i> , 2016, 8, 17433-17439.	5.6	41
5	Mesoscale Growth and Assembly of Bright Luminescent Organolead Halide Perovskite Quantum Wires. <i>Chemistry of Materials</i> , 2016, 28, 5043-5054.	6.7	63
6	Photoluminescence Quenching of Colloidal CdSe and CdTe Quantum Dots by Nitroxide Free Radicals. <i>Chemistry of Materials</i> , 2016, 28, 1076-1084.	6.7	20
7	Mechanistic Study of the Formation of Bright White Light-Emitting Ultrasmall CdSe Nanocrystals: Role of Phosphine Free Selenium Precursors. <i>Chemistry of Materials</i> , 2015, 27, 1057-1070.	6.7	41
8	Effect of Ionic Liquid on J-Aggregation of <i>meso</i> -Tetrakis(4-sulfonatophenyl)porphyrin within Aqueous Mixtures of Poly(ethylene glycol). <i>Journal of Physical Chemistry B</i> , 2011, 115, 3578-3587.	2.6	35