

Apurba De

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,889
citations

759233

12
h-index

940533

16
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all docs

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docs citations

17
times ranked

2054
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual Particle-Level Picture of Charge Carrier Recombination in Bi-Doped CsPbBr ₃ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2156-2162.	3.1	8
2	State of the Art and Prospects for Halide Perovskite Nanocrystals. <i>ACS Nano</i> , 2021, 15, 10775-10981.	14.6	705
3	Dark Excitons of the Perovskites and Sensitization of Molecular Triplets. <i>ACS Energy Letters</i> , 2021, 6, 588-597.	17.4	19
4	Hot Hole Transfer Dynamics from CsPbBr ₃ Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2020, 5, 2246-2252.	17.4	39
5	Ambient Condition Mg ²⁺ Doping Producing Highly Luminescent Green- and Violet-Emitting Perovskite Nanocrystals with Reduced Toxicity and Enhanced Stability. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1178-1188.	4.6	93
6	Highly Luminescent Violet- and Blue-Emitting Stable Perovskite Nanocrystals. , 2019, 1, 116-122.		72
7	Tackling the Defects, Stability, and Photoluminescence of CsPbX ₃ Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2019, 4, 1610-1618.	17.4	227
8	Ultrafast carrier dynamics of metal halide perovskite nanocrystals and perovskite-composites. <i>Nanoscale</i> , 2019, 11, 9796-9818.	5.6	76
9	Achieving Near-Unity Photoluminescence Efficiency for Blue-Violet-Emitting Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2019, 4, 32-39.	17.4	330
10	An Ultrafast Transient Absorption Study of Charge Separation and Recombination Dynamics in CdSe QDs and Methyl Viologen: Dependence on Surface Stoichiometry. <i>ChemistrySelect</i> , 2018, 3, 2675-2682.	1.5	8
11	Hole Transfer Dynamics from Photoexcited Cesium Lead Halide Perovskite Nanocrystals: 1-Aminopyrene as Hole Acceptor. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13617-13623.	3.1	42
12	All-inorganic perovskite nanocrystal assisted extraction of hot electrons and biexcitons from photoexcited CdTe quantum dots. <i>Nanoscale</i> , 2018, 10, 639-645.	5.6	24
13	Biexciton Generation and Dissociation Dynamics in Formamidinium- and Chloride-Doped Cesium Lead Iodide Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3673-3679.	4.6	31
14	Roles of the methyl and methylene groups of mercapto acids in the photoluminescence efficiency and carrier trapping dynamics of CdTe QDs. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1536-1542.	2.8	4
15	Luminescence tuning and exciton dynamics of Mn-doped CsPbCl ₃ nanocrystals. <i>Nanoscale</i> , 2017, 9, 16722-16727.	5.6	182
16	Study of energy transfer phenomenon between quantum dots and zinc porphyrin in solution. <i>Journal of Molecular Liquids</i> , 2017, 246, 17-24.	4.9	28