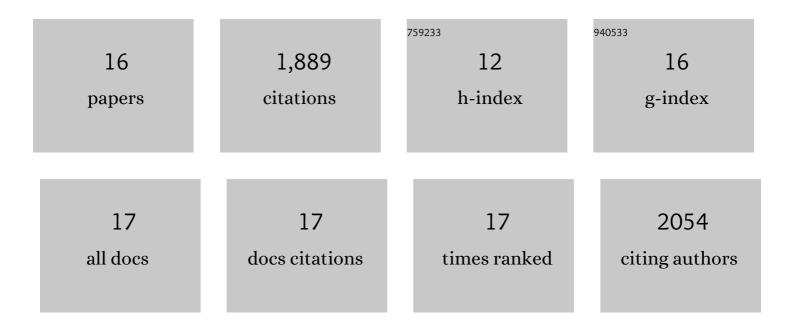
## Apurba De

List of Publications by Year in descending order

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