

# Kulangara Sandeep

## List of Publications by Year in descending order

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docs citations

14  
times ranked

168  
citing authors

#	ARTICLE	IF	CITATIONS
1	How Trap States Affect Charge Carrier Dynamics of CdSe and InP Quantum Dots: Visualization through Complexation with Viologen. ACS Energy Letters, 2018, 3, 2368-2375.	17.4	41
2	Role of Capped Oleyl Amine in the Moisture-Induced Structural Transformation of CsPbBr <sub>3</sub> Perovskite Nanocrystals. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900387.	2.4	31
3	Gold nanoparticle on semiconductor quantum dot: Do surface ligands influence Fermi level equilibration. Journal of Chemical Physics, 2020, 152, 044710.	3.0	19
4	CdSe/CdTe Heterojunction Nanorods: Role of CdTe Segment in Modulating the Charge Transfer Processes. ACS Omega, 2017, 2, 5150-5158.	3.5	16
5	Cooperative effects of Na <sup>+</sup> and citrates on the dissolution of calcium oxalate crystals. Physical Chemistry Chemical Physics, 2020, 22, 4788-4792.	2.8	15
6	CsPbBr <sub>3</sub> Perovskite-Coated Paper Substrate for the Cost-Effective Detection of Fluoride, Chloride, and Iodide Ions in Water. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100101.	1.8	12
7	Anion Exchange in Lead Halide Perovskites: An Overview. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	12
8	Modulating the emission of CsPbBr <sub>3</sub> perovskite nanocrystals via thermally varying magnetic field of La <sub>0.67</sub> Sr <sub>0.33</sub> Mn <sub>0.9</sub> (Ni/Co) <sub>0.1</sub> O <sub>3</sub> . AIP Advances, 2020, 10, .	1.3	11
9	Manipulating the Self-Assembly of Phenyleneethynyls under Vibrational Strong Coupling. Journal of Physical Chemistry Letters, 2022, 13, 1209-1214.	4.6	11
10	Revealing the Role of Aggregation and Surface Chemistry in the Bi-phasic Anion Exchange Reactions of Cesium Lead Halide Perovskites. ChemistrySelect, 2020, 5, 4034-4039.	1.5	9
11	CsPbBr <sub>3</sub> perovskite nanocrystals coated paper substrate as atmospheric humidity sensor. Materials Today: Proceedings, 2021, 41, 610-612.	1.8	8
12	Band gap engineering of lead halide perovskite nanocrystals via room temperature bi-phasic anion exchange reactions. Materials Today: Proceedings, 2020, 33, 1274-1276.	1.8	7
13	Upconverting carbon quantum dots: An eco-friendly material for light energy harvesting and bio-imaging. Materials Today: Proceedings, 2020, 33, 1298-1300.	1.8	6
14	Carbon quantum dots synthesized from Plectranthus Amboinicus: An eco-friendly material with excellent non-linear optical properties. Materials Today: Proceedings, 2021, 47, 1601-1604.	1.8	3