

Chathuranga Hettiarachchi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

311
citations

1306789

7
h-index

1473754

9
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16
all docs

16
docs citations

16
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium-doped two-dimensional perovskite scintillator for wide-range radiation detection. Communications Materials, 2020, 1, .	2.9	88
2	Thermal Quenching and Dose Studies of X-ray Luminescence in Single Crystals of Halide Perovskites. Journal of Physical Chemistry C, 2018, 122, 16265-16273.	1.5	56
3	Light-Emitting Diodes with Cu-Doped Colloidal Quantum Wells: From Ultrapure Green, Tunable Dual-Emission to White Light. Small, 2019, 15, 1901983.	5.2	45
4	Electrically control amplified spontaneous emission in colloidal quantum dots. Science Advances, 2019, 5, eaav3140.	4.7	43
5	Concurrent Inhibition and Redistribution of Spontaneous Emission from All Inorganic Perovskite Photonic Crystals. ACS Photonics, 2019, 6, 1331-1337.	3.2	39
6	Three-Dimensional Resonant Exciton in Monolayer Tungsten Diselenide Actuated by Spin-Orbit Coupling. ACS Nano, 2019, 13, 14529-14539.	7.3	10
7	Electronic and Optical Modulation of Metal-Doped Hybrid Organic-Inorganic Perovskites Crystals by Post-Treatment Control. ACS Applied Energy Materials, 2020, 3, 7500-7511.	2.5	10
8	Abandoned object detection with logical reasoning. , 2014, , .		6
9	Current Oscillations and Intermittent Emission Near an Electrode Interface in a Hybrid Organic-Inorganic Perovskite Single Crystal. ACS Applied Materials & Interfaces, 2019, 11, 42838-42845.	4.0	6
10	Solution grown double heterostructure on a large hybrid halide perovskite crystal. CrystEngComm, 2018, 20, 6653-6661.	1.3	4
11	X-ray luminescence in undoped and bismuth-doped single crystal hybrid lead halide perovskites. , 2019, , .		3
12	A Nano-Filter-Integrated CMOS Image Sensor for Fluorescent Biomedical Imaging. , 2018, , .		1
13	Using multi user virtual environments to improve the quality of secondary education in developing countries. , 2014, , .		0
14	Hetero-structure of hybrid perovskite single crystals. , 2017, , .		0
15	Hybrid halide perovskite bulk crystal heterostructure and light-emitting device (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142		
16	Photoluminescence, electroluminescence, and scintillation of halide perovskites (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142		