Yang Liu

List of Publications by Year
in descending order

15 papers	2,668 citations	687363 13 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	4055 citing authors

#	Article	IF	Citations
1	Perovskite light-emitting diodes based on solution-processed self-organized multiple quantum wells. Nature Photonics, 2016, 10, 699-704.	31.4	1,535
2	Efficient blue light-emitting diodes based on quantum-confined bromide perovskite nanostructures. Nature Photonics, 2019, 13, 760-764.	31.4	483
3	Efficient and High-Color-Purity Light-Emitting Diodes Based on In Situ Grown Films of CsPbX₃ (X = Br, I) Nanoplates with Controlled Thicknesses. ACS Nano, 2017, 11, 11100-11107.	14.6	190
4	Perovskite-molecule composite thin films for efficient and stable light-emitting diodes. Nature Communications, 2020, 11, 891.	12.8	83
5	High-Efficiency Red Light-Emitting Diodes Based on Multiple Quantum Wells of Phenylbutylammonium-Cesium Lead Iodide Perovskites. ACS Photonics, 2019, 6, 587-594.	6.6	69
6	Efficient light-emitting diodes based on oriented perovskite nanoplatelets. Science Advances, 2021, 7, eabg8458.	10.3	68
7	All-inorganic perovskite quantum dots CsPbX3 (Br/I) for highly sensitive and selective detection of explosive picric acid. Chemical Engineering Journal, 2020, 379, 122360.	12.7	61
8	Control of Barrier Width in Perovskite Multiple Quantum Wells for High Performance Green Lightâ€“Emitting Diodes. Advanced Optical Materials, 2019, 7, 1801575.	7.3	55
9	A Bright and Stable Violet Carbon Dot Lightâ€Emitting Diode. Advanced Optical Materials, 2020, 8, 2000239.	7.3	30
10	Green light-emitting diodes based on hybrid perovskite films with mixed cesium and methylammonium cations. Nano Research, 2017, 10, 1329-1335.	10.4	26
11	ZnO-Based Electron-Transporting Layers for Perovskite Light-Emitting Diodes: Controlling the Interfacial Reactions. Journal of Physical Chemistry Letters, 2022, 13, 694-703.	4.6	19
12	Twin Domains in Organometallic Halide Perovskite Thin-Films. Crystals, 2018, 8, 216.	2.2	16
13	Printing and In Situ Assembly of CdSe/CdS Nanoplatelets as Uniform Films with Unity In-Plane Transition Dipole Moment. Journal of Physical Chemistry Letters, 2020, 11, 4524-4529.	4.6	15
14	Submillimeter-Scale Zero-Dimensional Cs4PbBr6 Perovskite Rods: Fabrication, Optical Properties, and Applications. ACS Applied Electronic Materials, 2020, 2, 2408-2417.	4.3	11
15	Solvent-Vapor Atmosphere Controls the in Situ Crystallization of Perovskites. , 2021, 3, 1172-1180.		7