

Yang Liu

List of Publications by Year in descending order

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15
papers

2,668
citations

687363

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1058476

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all docs

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docs citations

15
times ranked

4055
citing authors

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