Chun Zhou

List of Publications by Year
in descending order

13 papers	2,050 citations	840776 11 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	2798 citing authors

#	Article	IF	Citations
1	Ultrafast Optical Properties of Cavityâ€Enhanced Superfluorescence. Advanced Optical Materials, 2022, 10, .	7.3	8
2	Quantum-size-tuned heterostructures enable efficient and stable inverted perovskite solar cells. Nature Photonics, 2022, 16, 352-358.	31.4	233
3	Deepâ€Blue Perovskite Singleâ€Mode Lasing through Efficient Vaporâ€Assisted Chlorination. Advanced Materials, 2021, 33, e2006697.	21.0	30
4	Allâ€Inorganic Quantumâ€Dot LEDs Based on a Phaseâ€Stabilized Î±â€CsPbI 3 Perovskite. Angewandte Chemie, 2021, 133, 16300-16306.	2.0	1
5	Allâ€Inorganic Quantumâ€Dot LEDs Based on a Phaseâ€Stabilized Î±â€CsPbI₃ Perovskite. Angewandte Chemie - International Edition, 2021, 60, 16164-16170.	13.8	210
6	Quantum Dot Selfâ€Assembly Enables Lowâ€Threshold Lasing. Advanced Science, 2021, 8, e2101125.	11.2	28
7	Color-pure red light-emitting diodes based on two-dimensional lead-free perovskites. Science Advances, 2020, 6, .	10.3	135
8	Chelating-agent-assisted control of CsPbBr3 quantum well growth enables stable blue perovskite emitters. Nature Communications, 2020, 11, 3674.	12.8	112
9	Broad-band lead halide perovskite quantum dot single-mode lasers. Journal of Materials Chemistry C, 2020, 8, 13642-13647.	5.5	24
10	Chloride Insertionâ€“Immobilization Enables Bright, Narrowband, and Stable Blue-Emitting Perovskite Diodes. Journal of the American Chemical Society, 2020, 142, 5126-5134.	13.7	116
11	Chlorine Vacancy Passivation in Mixed Halide Perovskite Quantum Dots by Organic Pseudohalides Enables Efficient Rec. 2020 Blue Light-Emitting Diodes. ACS Energy Letters, 2020, 5, 793-798.	17.4	208
12	Cooperative excitonic quantum ensemble in perovskite-assembly superlattice microcavities. Nature Communications, 2020, 11, 329.	12.8	51
13	Managing grains and interfaces via ligand anchoring enables 22.3%-efficiency inverted perovskite solar cells. Nature Energy, 2020, 5, 131-140.	39.5	894