

# Chun Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7235754/publications.pdf>

Version: 2024-02-01

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  | Managing grains and interfaces via ligand anchoring enables 22.3%-efficiency inverted perovskite solar cells. <i>Nature Energy</i> , 2020, 5, 131-140.  | 39.5 | 894       |
| 2  | Quantum-size-tuned heterostructures enable efficient and stable inverted perovskite solar cells. <i>Nature Photonics</i> , 2022, 16, 352-358.   | 31.4 | 233       |
| 3  | All-Inorganic Quantum-Dot LEDs Based on a Phase-Stabilized $\text{CsPbI}_3$ Perovskite. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16164-16170.                                   | 13.8 | 210       |
| 4  | Chlorine Vacancy Passivation in Mixed Halide Perovskite Quantum Dots by Organic Pseudohalides Enables Efficient Rec. 2020 Blue Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2020, 5, 793-798. | 17.4 | 208       |
| 5  | Color-pure red light-emitting diodes based on two-dimensional lead-free perovskites. <i>Science Advances</i> , 2020, 6, .   | 10.3 | 135       |
| 6  | Chloride Insertion-Immobilization Enables Bright, Narrowband, and Stable Blue-Emitting Perovskite Diodes. <i>Journal of the American Chemical Society</i> , 2020, 142, 5126-5134.                   | 13.7 | 116       |
| 7  | Chelating-agent-assisted control of $\text{CsPbBr}_3$ quantum well growth enables stable blue perovskite emitters. <i>Nature Communications</i> , 2020, 11, 3674.                                   | 12.8 | 112       |
| 8  | Cooperative excitonic quantum ensemble in perovskite-assembly superlattice microcavities. <i>Nature Communications</i> , 2020, 11, 329.   | 12.8 | 51        |
| 9  | Deep-Blue Perovskite Single-Mode Lasing through Efficient Vapor-Assisted Chlorination. <i>Advanced Materials</i> , 2021, 33, e2006697.  | 21.0 | 30        |
| 10 | Quantum Dot Self-Assembly Enables Low-Threshold Lasing. <i>Advanced Science</i> , 2021, 8, e2101125.  | 11.2 | 28        |
| 11 | Broad-band lead halide perovskite quantum dot single-mode lasers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13642-13647.   | 5.5  | 24        |
| 12 | Ultrafast Optical Properties of Cavity-Enhanced Superfluorescence. <i>Advanced Optical Materials</i> , 2022, 10, .  | 7.3  | 8         |
| 13 | All-Inorganic Quantum-Dot LEDs Based on a Phase-Stabilized $\text{CsPbI}_3$ Perovskite. <i>Angewandte Chemie</i> , 2021, 133, 16300-16306.  | 2.0  | 1         |