

Fuxiang Ji

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,018
citations

623734

14
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

1839
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable, High-Sensitivity and Fast-Response Photodetectors Based on Lead-Free Cs ₂ AgBiBr ₆ Double Perovskite Films. <i>Advanced Optical Materials</i> , 2019, 7, 1801732.	7.3	126
2	Thermochromic Lead-Free Halide Double Perovskites. <i>Advanced Functional Materials</i> , 2019, 29, 1807375.	14.9	120
3	Trash into Treasure: FAPbI_3 Polymorph Stabilized MAPbI_3 Perovskite with Power Conversion Efficiency beyond 21%. <i>Advanced Materials</i> , 2018, 30, e1707143.	21.0	101
4	Thin-Film Transformation of NH_4PbI_3 to $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite: A Methylamine-Induced Conversion "Healing" Process. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14723-14727.	13.8	83
5	Simultaneous Evolution of Uniaxially Oriented Grains and Ultralow-Density Grain-Boundary Network in $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite Thin Films Mediated by Precursor Phase Metastability. <i>ACS Energy Letters</i> , 2017, 2, 2727-2733.	17.4	82
6	Lead-Free Halide Double Perovskite Cs ₂ AgBiBr ₆ with Decreased Band Gap. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15191-15194.	13.8	80
7	The fabrication of formamidinium lead iodide perovskite thin films via organic cation exchange. <i>Chemical Communications</i> , 2016, 52, 3828-3831.	4.1	79
8	A balanced cation exchange reaction toward highly uniform and pure phase $\text{FA}_{1-x}\text{MA}_x\text{PbI}_3$ perovskite films. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14437-14443.	10.3	64
9	Near-Infrared Light-Responsive Cu-Doped Cs ₂ AgBiBr ₆ . <i>Advanced Functional Materials</i> , 2020, 30, 2005521.	14.9	56
10	Magnetizing lead-free halide double perovskites. <i>Science Advances</i> , 2020, 6, .	10.3	56
11	Intermediate-phase-assisted low-temperature formation of $\text{I}^3\text{-CsPbI}_3$ films for high-efficiency deep-red light-emitting devices. <i>Nature Communications</i> , 2020, 11, 4736.	12.8	50
12	Carrier Transport Improvement of $\text{CH}_3\text{NH}_3\text{PbI}_3$ Film by Methylamine Gas Treatment. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31413-31418.	8.0	41
13	Lead-Free Halide Double Perovskite Cs ₂ AgBiBr ₆ with Decreased Band Gap. <i>Angewandte Chemie</i> , 2020, 132, 15303-15306.	2.0	34
14	The atomic-level structure of bandgap engineered double perovskite alloys Cs ₂ AgIn _{1-x} Fe _x Cl ₆ . <i>Chemical Science</i> , 2021, 12, 1730-1735.	7.4	34
15	Insight into the effect of ion source for the solution processing of perovskite films. <i>RSC Advances</i> , 2016, 6, 85026-85029.	3.6	9
16	Dimensional Tailoring of Ultrahigh Vacuum Annealing-Assisted Quantum Wells for the Efficiency Enhancement of Perovskite Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24965-24970.	8.0	2
17	Bandgap Engineering of Lead-Free Halide Double Perovskites. , 0, , .		1
18	Structure Engineering of Halide Double Perovskites. , 0, , .		0