

Zhongmin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,129
citations

516561

16
h-index

610775

24
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all docs

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docs citations

24
times ranked

3541
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen-Bonded Dopant-Free Hole Transport Material Enables Efficient and Stable Inverted Perovskite Solar Cells. <i>CCS Chemistry</i> , 2022, 4, 3084-3094.	4.6	37
2	Harnessing chemical functions of ionic liquids for perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2022, 68, 797-810.	7.1	17
3	Reducing Energy Disorder for Efficient and Stable Sn ²⁺ Pb Alloyed Perovskite Solar Cells.. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
4	Reducing Energy Disorder for Efficient and Stable Sn ²⁺ Pb Alloyed Perovskite Solar Cells.. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	32
5	Effective Surface Passivation via Intermolecular Interactions for High-Performance Perovskite Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	3.1	10
6	Sulfonyl passivation through synergistic hydrogen bonding and coordination interactions for efficient and stable perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13048-13054.	5.2	18
7	Reducing Defects Density and Enhancing Hole Extraction for Efficient Perovskite Solar Cells Enabled by I ⁺ Pb ²⁺ Interactions. <i>Angewandte Chemie</i> , 2021, 133, 17496-17501.	1.6	6
8	Reducing Defects Density and Enhancing Hole Extraction for Efficient Perovskite Solar Cells Enabled by I ⁺ Pb ²⁺ Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17356-17361.	7.2	51
9	The Main Progress of Perovskite Solar Cells in 2020-2021. <i>Nano-Micro Letters</i> , 2021, 13, 152.	14.4	250
10	Recent progress toward highly efficient tin-based perovskite (ASnX ₃) solar cells. <i>Nano Select</i> , 2021, 2, 1023-1054.	1.9	11
11	Highly efficient inverted hole-transport-layer-free perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 503-512.	5.2	43
12	A temperature gradient-induced directional growth of a perovskite film. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17019-17024.	5.2	7
13	Fused Furan-Based Organic Small Molecules as Dopant-Free Hole Transporting Material for Inverted Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000536.	3.1	8
14	Interaction engineering in organic-inorganic hybrid perovskite solar cells. <i>Materials Horizons</i> , 2020, 7, 2208-2236.	6.4	35
15	Reliable Measurement of Perovskite Solar Cells. <i>Advanced Materials</i> , 2019, 31, e1803231.	11.1	62
16	Organic/Inorganic Hybrid p-Type Semiconductor Doping Affords Hole Transporting Layer Free Thin-Film Perovskite Solar Cells with High Stability. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22603-22611.	4.0	40
17	Disodium Benzodipyrrole Sulfonate as Neutral Hole-Transporting Materials for Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 5018-5022.	6.6	91
18	Ligand-Free, Highly Dispersed NiO Nanocrystal for Efficient, Stable, Low-Temperature Processable Perovskite Solar Cells. <i>Solar Rrl</i> , 2018, 2, 1800004.	3.1	58

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19	Lewis Adduct Mediated Grain Boundary Functionalization for Efficient Ideal Bandgap Perovskite Solar Cells with Superior Stability. <i>Advanced Energy Materials</i> , 2018, 8, 1800997.	10.2	93
20	Thermally Stable MAPbI ₃ Perovskite Solar Cells with Efficiency of 19.19% and Area over 1 cm ² achieved by Additive Engineering. <i>Advanced Materials</i> , 2017, 29, 1701073.	11.1	541
21	Stable Inverted Planar Perovskite Solar Cells with Low Temperature Processed Hole Transport Bilayer. <i>Advanced Energy Materials</i> , 2017, 7, 1700763.	10.2	115
22	The fabrication of formamidinium lead iodide perovskite thin films via organic cation exchange. <i>Chemical Communications</i> , 2016, 52, 3828-3831.	2.2	79
23	Methylamine Gas Induced Defect Healing Behavior of CH ₃ NH ₃ PbI ₃ Thin Films for Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9705-9709.	7.2	377
24	Interface engineering for high-performance perovskite hybrid solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19205-19217.	5.2	145