

Duo Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

796
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1372
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient and Stable Self-Powered Ultraviolet and Deep-Blue Photodetector Based on Cs ₂ AgBiBr ₆ /SnO ₂ Heterojunction. <i>Advanced Optical Materials</i> , 2018, 6, 1800811.	7.3	130
2	From Pb to Bi: A Promising Family of Pb-Free Optoelectronic Materials and Devices. <i>Advanced Energy Materials</i> , 2020, 10, 1902496.	19.5	108
3	FAPb ₃ Flexible Solar Cells with a Record Efficiency of 19.38% Fabricated in Air via Ligand and Additive Synergetic Process. <i>Advanced Functional Materials</i> , 2019, 29, 1902974.	14.9	95
4	High Efficiency (16.37%) of Cesium Bromide-Passivated All-Inorganic CsPb ₂ Br Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900254.	5.8	91
5	Improvement of Cs ₂ AgBiBr ₆ double perovskite solar cell by rubidium doping. <i>Organic Electronics</i> , 2019, 74, 204-210.	2.6	84
6	High Efficiency (18.53%) of Flexible Perovskite Solar Cells via the Insertion of Potassium Chloride between SnO ₂ and CH ₃ NH ₃ Pb ₃ Layers. <i>ACS Applied Energy Materials</i> , 2019, 2, 3676-3682.	5.1	60
7	ZnO/SnO ₂ Double Electron Transport Layer Guides Improved Open Circuit Voltage for Highly Efficient CH ₃ NH ₃ Pb ₃ -Based Planar Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 2215-2221.	5.1	59
8	Efficient and Stable Perovskite Solar Cell with High Open-Circuit Voltage by Dimensional Interface Modification. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9149-9155.	8.0	54
9	Enhancing the Photovoltaic Performance and Moisture Stability of Perovskite Solar Cells <i>via</i> Polyfluoroalkylated Imidazolium Additives. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4553-4559.	8.0	28
10	Efficient Nonlead Double Perovskite Solar Cell with Multiple Hole Transport Layers. <i>ACS Applied Energy Materials</i> , 2020, 3, 9594-9599.	5.1	23
11	Dopant-free Spiro-OMeTAD as hole transporting layer for stable and efficient perovskite solar cells. <i>Organic Electronics</i> , 2019, 74, 7-12.	2.6	22
12	To Greatly Reduce Defects via Photoannealing for High-Quality Perovskite Films. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20943-20948.	8.0	14
13	Highly Efficient Perovskite Solar Cells with Neglectable Hysteresis and Increased Open Circuit Voltage via a Nickel Chloride Interface Modification. <i>ACS Applied Energy Materials</i> , 2019, 2, 5883-5888.	5.1	11
14	Realizing High-Efficiency and Stable Perovskite Solar Cells via Double-Perovskite Nanocrystal Passivation. <i>ACS Applied Energy Materials</i> , 2022, 5, 1169-1174.	5.1	10
15	Highly efficient perovskite solar cells enhanced by biphenyl-4,4-dithiol. <i>Solar Energy Materials and Solar Cells</i> , 2022, 235, 111462.	6.2	5
16	The preparation method of double-blade coating to write high efficiency perovskite solar cells. <i>Organic Electronics</i> , 2022, 100, 106374.	2.6	2