Sajid Sajid

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2952717/publications.pdf

Version: 2024-02-01

15	918	840776 11	996975 15
papers	citations	h-index	g-index

16	16	16	1341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ionâ€Migration Inhibition by the Cationâ€“Ï€ Interaction in Perovskite Materials for Efficient and Stable Perovskite Solar Cells. Advanced Materials, 2018, 30, e1707583.	21.0	248
2	Copper-Substituted Lead Perovskite Materials Constructed with Different Halides for Working (CH₃NH₃)₂CuX₄-Based Perovskite Solar Cells from Experimental and Theoretical View. ACS Applied Materials & Interfaces, 2018, 10, 11699-11707.	8.0	171
3	Breakthroughs in NiOx-HTMs towards stable, low-cost and efficient perovskite solar cells. Nano Energy, 2018, 51, 408-424.	16.0	145
4	NiO@carbon spheres: A promising composite electrode for scalable fabrication of planar perovskite solar cells at low cost. Nano Energy, 2019, 55, 470-476.	16.0	64
5	Computational Study of Ternary Devices: Stable, Low-Cost, and Efficient Planar Perovskite Solar Cells. Nano-Micro Letters, 2018, 10, 51.	27.0	53
6	Superior Stability and Efficiency Over 20% Perovskite Solar Cells Achieved by a Novel Molecularly Engineered Rutinâ€“AgNPs/Thiophene Copolymer. Advanced Science, 2018, 5, 1800568.	11.2	48
7	Recent progress concerning inorganic hole transport layers for efficient perovskite solar cells. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	48
8	Moisture-tolerant supermolecule for the stability enhancement of organicâ€“inorganic perovskite solar cells in ambient air. Nanoscale, 2019, 11, 1228-1235.	5.6	46
9	TiO2 surface oxygen vacancy passivation towards mitigated interfacial lattice distortion and efficient perovskite solar cell. Applied Surface Science, 2021, 544, 148583.	6.1	26
10	Dual Function of Surface Alkali-Gas Erosion on SnO₂ for Efficient and Stable Perovskite Solar Cells. ACS Applied Energy Materials, 2020, 3, 5039-5049.	5.1	19
11	Antisolvent-fumigated grain growth of active layer for efficient perovskite solar cells. Solar Energy, 2021, 225, 1001-1008.	6.1	13
12	Quest for robust electron transporting materials towards efficient, hysteresis-free and stable perovskite solar cells. Renewable and Sustainable Energy Reviews, 2021, 152, 111689.	16.4	12
13	Identifying the potentials for charge transport layers free n-p homojunction-based perovskite solar cells. Solar Energy, 2022, 238, 69-77.	6.1	12
14	Thermodynamic and Economic Analysis of an Integrated Solar Combined Cycle System. Entropy, 2018, 20, 313.	2.2	7
15	Quest for Lead-Free Perovskite-Based Solar Cells. , 2020, , .		0