Sajid Sajid

List of Publications by Year
in descending order

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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	Identifying the potentials for charge transport layers free n-p homojunction-based perovskite solar cells. Solar Energy, 2022, 238, 69-77.	6.1	12
2	TiO2 surface oxygen vacancy passivation towards mitigated interfacial lattice distortion and efficient perovskite solar cell. Applied Surface Science, 2021, 544, 148583.	6.1	26
3	Antisolvent-fumigated grain growth of active layer for efficient perovskite solar cells. Solar Energy, 2021, 225, 1001-1008.	6.1	13
4	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
5	Quest for Lead-Free Perovskite-Based Solar Cells. , 2020, , .		0
6	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
7	Moisture-tolerant supermolecule for the stability enhancement of organicâ€“inorganic perovskite solar cells in ambient air. Nanoscale, 2019, 11, 1228-1235.	5.6	46
8	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
9	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
10	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
11	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
12	Computational Study of Ternary Devices: Stable, Low-Cost, and Efficient Planar Perovskite Solar Cells. Nano-Micro Letters, 2018, 10, 51.	27.0	53
13	Breakthroughs in NiOx-HTMs towards stable, low-cost and efficient perovskite solar cells. Nano Energy, 2018, 51, 408-424.	16.0	145
14	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
15	Thermodynamic and Economic Analysis of an Integrated Solar Combined Cycle System. Entropy, 2018, 20, 313.	2.2	7