Shizhong Yue

List of Publications by Year
in descending order

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18 papers	621 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	1145 citing authors

#	Article	IF	Citations
1	Metal halide perovskites for photocatalysis applications. Journal of Materials Chemistry A, 2022, 10, 407-429.	10.3	61
2	Realization of Moisture-Resistive Perovskite Films for Highly Efficient Solar Cells Using Molecule Incorporation. ACS Applied Materials & Interfaces, 2020, 12, 39063-39073.	8.0	11
3	Dual Coordination of Ti and Pb Using Bilinkable Ligands Improves Perovskite Solar Cell Performance and Stability. Advanced Functional Materials, 2020, 30, 2005155.	14.9	33
4	Realization of Perovskiteâ€Nanowireâ€Based Plasmonic Lasers Capable of Mode Modulation. Laser and Photonics Reviews, 2019, 13, 1800306.	8.7	32
5	The Positive Function of Incorporation of Small Molecules into Perovskite Materials for High-Efficient Stable Solar Cells (Solar RRL 3â•2019). Solar Rrl, 2019, 3, 1970034.	5.8	1
6	The Positive Function of Incorporation of Small Molecules into Perovskite Materials for Highâ€Efficient Stable Solar Cells. Solar Rrl, 2019, 3, 1800327.	5.8	16
7	Insights into Charge Separation and Transport in Ternary Polymer Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 3299-3307.	8.0	35
8	Collection optimization of photo-generated charge carriers for efficient organic solar cells. Journal of Power Sources, 2019, 412, 465-471.	7.8	14
9	Observation of Unusual Optical Band Structure of CH₃NH₃PbI₃ Perovskite Single Crystal. ACS Photonics, 2018, 5, 1583-1590.	6.6	32
10	Insights on the correlation of precursor solution, morphology of the active layer and performance of the pervoskite solar cells. Journal of Alloys and Compounds, 2018, 731, 375-380.	5.5	12
11	Optical bandgap energy of CH3NH3PbI3 perovskite studied by photoconductivity and reflectance spectroscopy. Science China Technological Sciences, 2018, 61, 886-892.	4.0	17
12	Highly efficient solar cells based on Cl incorporated tri-cation perovskite materials. Journal of Materials Chemistry A, 2018, 6, 13725-13734.	10.3	43
13	Turning a disadvantage into an advantage: synthesizing high-quality organometallic halide perovskite nanosheet arrays for humidity sensors. Journal of Materials Chemistry C, 2017, 5, 2504-2508.	5.5	74
14	Ultra-thin ZnO film as an electron transport layer for realizing the high efficiency of organic solar cells. RSC Advances, 2017, 7, 14694-14700.	3.6	17
15	Insights into the Influence of Work Functions of Cathodes on Efficiencies of Perovskite Solar Cells. Small, 2017, 13, 1700007.	10.0	36
16	Efficacious engineering on charge extraction for realizing highly efficient perovskite solar cells. Energy and Environmental Science, 2017, 10, 2570-2578.	30.8	155
17	Hybrid silicon nanoconeâ€“polymer solar cells based on a transparent top electrode. RSC Advances, 2015, 5, 42341-42345.	3.6	9
18	Constructing bulk heterojunction with componential gradient for enhancing the efficiency of polymer solar cells. Journal of Power Sources, 2015, 300, 238-244.	7.8	23