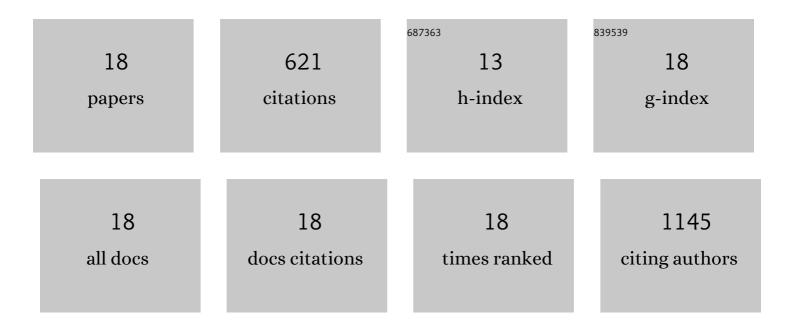
Shizhong Yue

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Efficacious engineering on charge extraction for realizing highly efficient perovskite solar cells. Energy and Environmental Science, 2017, 10, 2570-2578.	30.8	155
2	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
3	Metal halide perovskites for photocatalysis applications. Journal of Materials Chemistry A, 2022, 10, 407-429.	10.3	61
4	Highly efficient solar cells based on Cl incorporated tri-cation perovskite materials. Journal of Materials Chemistry A, 2018, 6, 13725-13734.	10.3	43
5	Insights into the Influence of Work Functions of Cathodes on Efficiencies of Perovskite Solar Cells. Small, 2017, 13, 1700007.	10.0	36
6	Insights into Charge Separation and Transport in Ternary Polymer Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 3299-3307.	8.0	35
7	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
8	Observation of Unusual Optical Band Structure of CH ₃ NH ₃ PbI ₃ Perovskite Single Crystal. ACS Photonics, 2018, 5, 1583-1590.	6.6	32
9	Realization of Perovskiteâ€Nanowireâ€Based Plasmonic Lasers Capable of Mode Modulation. Laser and Photonics Reviews, 2019, 13, 1800306.	8.7	32
10	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
11	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
12	Optical bandgap energy of CH3NH3PbI3 perovskite studied by photoconductivity and reflectance spectroscopy. Science China Technological Sciences, 2018, 61, 886-892.	4.0	17
13	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
14	Collection optimization of photo-generated charge carriers for efficient organic solar cells. Journal of Power Sources, 2019, 412, 465-471.	7.8	14
15	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
16	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
17	Hybrid silicon nanocone–polymer solar cells based on a transparent top electrode. RSC Advances, 2015, 5, 42341-42345.	3.6	9
18	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