

Shujing Zhang

List of Publications by Year in descending order

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11
papers

5,783
citations

932766

10
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

7683
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-templated nucleation and crystal growth of perovskite films for solar cells with efficiency greater than 21%. Nature Energy, 2016, 1, .	19.8	1,719
2	A vacuum flash-assisted solution process for high-efficiency large-area perovskite solar cells. Science, 2016, 353, 58-62.	6.0	1,636
3	Improved performance and stability of perovskite solar cells by crystal crosslinking with alkylphosphonic acid ammonium chlorides. Nature Chemistry, 2015, 7, 703-711.	6.6	1,033
4	Isomer-Pure Bis-PCBM-Assisted Crystal Engineering of Perovskite Solar Cells Showing Excellent Efficiency and Stability. Advanced Materials, 2017, 29, 1606806.	11.1	320
5	Stable Large-Area (10 ² –10 ³ cm ²) Printable Mesoscopic Perovskite Module Exceeding 10% Efficiency. Solar Rrl, 2017, 1, 1600019.	3.1	272
6	Multifunctional molecular modulators for perovskite solar cells with over 20% efficiency and high operational stability. Nature Communications, 2018, 9, 4482.	5.8	266
7	Multifunctional Polymer-Regulated SnO ₂ Nanocrystals Enhance Interface Contact for Efficient and Stable Planar Perovskite Solar Cells. Advanced Materials, 2020, 32, e2003990.	11.1	208
8	Perovskite Photovoltaics with Outstanding Performance Produced by Chemical Conversion of Bilayer Mesostructured Lead Halide/TiO ₂ Films. Advanced Materials, 2016, 28, 2964-2970.	11.1	144
9	Air Processed Inkjet Infiltrated Carbon Based Printed Perovskite Solar Cells with High Stability and Reproducibility. Advanced Materials Technologies, 2017, 2, 1600183.	3.0	137
10	Improved performance and stability of perovskite solar modules by interface modulating with graphene oxide crosslinked CsPbBr ₃ quantum dots. Energy and Environmental Science, 2022, 15, 244-253.	15.6	33
11	Thermally-stable and highly-efficient bi-layered NiOx-based inverted planar perovskite solar cells by employing a p-type organic semiconductor. Chemical Engineering Journal, 2022, 443, 136405.	6.6	15