

Jinhui Tong

List of Publications by Year in descending order

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14
papers

2,533
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

3196
citing authors

#	ARTICLE	IF	CITATIONS
1	Carrier control in Sn–Pb perovskites via 2D cation engineering for all-perovskite tandem solar cells with improved efficiency and stability. <i>Nature Energy</i> , 2022, 7, 642-651.	39.5	121
2	Wide-Bandgap Metal Halide Perovskites for Tandem Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 232-248.	17.4	89
3	High-performance methylammonium-free ideal-band-gap perovskite solar cells. <i>Matter</i> , 2021, 4, 1365-1376.	10.0	51
4	Prospects for metal halide perovskite-based tandem solar cells. <i>Nature Photonics</i> , 2021, 15, 411-425.	31.4	195
5	On-device lead-absorbing tapes for sustainable perovskite solar cells. <i>Nature Sustainability</i> , 2021, 4, 1038-1041.	23.7	53
6	Enhancing Charge Transport of 2D Perovskite Passivation Agent for Wide-Bandgap Perovskite Solar Cells Beyond 21%. <i>Solar Rrl</i> , 2020, 4, 2070065.	5.8	2
7	Enhancing Charge Transport of 2D Perovskite Passivation Agent for Wide-Bandgap Perovskite Solar Cells Beyond 21%. <i>Solar Rrl</i> , 2020, 4, 2000082.	5.8	79
8	Efficient, stable silicon tandem cells enabled by anion-engineered wide-bandgap perovskites. <i>Science</i> , 2020, 368, 155-160.	12.6	420
9	Advances in two-dimensional organic–inorganic hybrid perovskites. <i>Energy and Environmental Science</i> , 2020, 13, 1154-1186.	30.8	420
10	26.7% Efficient 4-Terminal Perovskite–Silicon Tandem Solar Cell Composed of a High-Performance Semitransparent Perovskite Cell and a Doped Poly-Si/SiO _x Passivating Contact Silicon Cell. <i>IEEE Journal of Photovoltaics</i> , 2020, 10, 417-422.	2.5	40
11	Surface-Activated Corrosion in Tin–Lead Halide Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2020, 5, 3344-3351.	17.4	55
12	Structural Stability of Tin-Lead Halide Perovskite Solar Cells. , 2020, , .		0
13	Bimolecular Additives Improve Wide-Band-Gap Perovskites for Efficient Tandem Solar Cells with CIGS. <i>Joule</i> , 2019, 3, 1734-1745.	24.0	227
14	Carrier lifetimes of $>1 \mu\text{s}$ in Sn-Pb perovskites enable efficient all-perovskite tandem solar cells. <i>Science</i> , 2019, 364, 475-479.	12.6	781