

Zhengfei Wei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	All Printable Perovskite Solar Modules with 198 cm ² Active Area and Over 6% Efficiency. <i>Advanced Materials Technologies</i> , 2018, 3, 1800156.	5.8	104
2	High throughput fabrication of mesoporous carbon perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18643-18650.	10.3	65
3	Radiation Hardness of Perovskite Solar Cells Based on Aluminum-Doped Zinc Oxide Electrode Under Proton Irradiation. <i>Solar Rrl</i> , 2019, 3, 1900219.	5.8	39
4	Efficient and semi-transparent perovskite solar cells using a room-temperature processed MoO _x /ITO/Ag/ITO electrode. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10981-10987.	5.5	31
5	An Interlaboratory Study on the Stability of All-Printable Hole Transport Material-Free Perovskite Solar Cells. <i>Energy Technology</i> , 2020, 8, 2000134.	3.8	18
6	Engineering of a Mo/Si _x N _y Diffusion Barrier to Reduce the Formation of MoS ₂ in Cu ₂ ZnSnS ₄ Thin Film Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 2749-2757.	5.1	17
7	Raman mapping analysis for removal of surface secondary phases of CZTS films using chemical etching. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	16
8	Design and optimisation of process parameters in an in-line CIGS evaporation pilot system. <i>Surface and Coatings Technology</i> , 2014, 241, 159-167.	4.8	13
9	A Comparison of Different Textured and Non-Textured Anti-Reflective Coatings for Planar Monolithic Silicon-Perovskite Tandem Solar Cells. <i>ACS Applied Energy Materials</i> , 2022, 5, 5974-5982.	5.1	8
10	The effect of additional sulfur on solution-processed pure sulfide Cu ₂ ZnSnS ₄ solar cell absorber layers. <i>MRS Advances</i> , 2016, 1, 2815-2820.	0.9	4
11	Successes and Challenges Associated with Solution Processing of Kesterite Cu ₂ ZnSnS ₄ Solar Cells on Titanium Substrates. <i>ACS Applied Energy Materials</i> , 2020, 3, 3876-3883.	5.1	4
12	Proton Radiation Hardness of Organic Photovoltaics: An In-Depth Study. <i>Solar Rrl</i> , 0, , 2101037.	5.8	3
13	Effect of mechanical compression on Cu(In,Ga)Se ₂ films: micro-structural and photoluminescence analysis. <i>RSC Advances</i> , 2014, 4, 5141.	3.6	2
14	Development of an efficient substrate heating assembly for high efficiency CIGS solar cells over 30 cm ² ; 30 cm-area for an in-line pilot evaporation system. , 2013, , .		0
15	Temperature-light-dependent JV and TPV analysis of pure sulfide based Cu ₂ ZnSnS ₄ solar cells. , 2018, , .		0
16	Radiation Hardness of Perovskite Solar Cells Based on Aluminium-Doped Zinc Oxide Electrode under Proton irradiation. , 0, , .		0
17	Design and development of all printable perovskite solar modules with 198 cm ² active area. , 0, , .		0
18	Room-temperature Processed Transparent Conductive Oxides For Efficient And Semi-transparent Perovskite And Organic Solar Cells. , 0, , .		0