

# Zhengfei Wei

## List of Publications by Year in descending order

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18  
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times ranked

621  
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#	ARTICLE	IF	CITATIONS
1	A Comparison of Different Textured and Non-Textured Anti-Reflective Coatings for Planar Monolithic Silicon-Perovskite Tandem Solar Cells. ACS Applied Energy Materials, 2022, 5, 5974-5982.	5.1	8
2	An Interlaboratory Study on the Stability of All-Printable Hole Transport Material-Free Perovskite Solar Cells. Energy Technology, 2020, 8, 2000134.	3.8	18
3	Successes and Challenges Associated with Solution Processing of Kesterite $\text{Cu}_2\text{ZnSnS}_4$ Solar Cells on Titanium Substrates. ACS Applied Energy Materials, 2020, 3, 3876-3883.	5.1	4
4	Radiation Hardness of Perovskite Solar Cells Based on Aluminum-Doped Zinc Oxide Electrode Under Proton Irradiation. Solar Rrl, 2019, 3, 1900219.	5.8	39
5	Efficient and semi-transparent perovskite solar cells using a room-temperature processed $\text{MoO}_x/\text{ITO}/\text{Ag}/\text{ITO}$ electrode. Journal of Materials Chemistry C, 2019, 7, 10981-10987.	5.5	31
6	Temperature-light-dependent JV and TPV analysis of pure sulfide based $\text{Cu}_2\text{ZnSnS}_4$ solar cells. , 2018, , .		0
7	Engineering of a $\text{Mo}/\text{SiN}$ Diffusion Barrier to Reduce the Formation of $\text{MoS}_2$ in $\text{Cu}_2\text{ZnSnS}_4$ Thin Film Solar Cells. ACS Applied Energy Materials, 2018, 1, 2749-2757.	5.1	17
8	All Printable Perovskite Solar Modules with $198\text{ cm}^2$ Active Area and Over 6% Efficiency. Advanced Materials Technologies, 2018, 3, 1800156.	5.8	104
9	High throughput fabrication of mesoporous carbon perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 18643-18650.	10.3	65
10	The effect of additional sulfur on solution-processed pure sulfide $\text{Cu}_2\text{ZnSnS}_4$ solar cell absorber layers. MRS Advances, 2016, 1, 2815-2820.	0.9	4
11	Raman mapping analysis for removal of surface secondary phases of CZTS films using chemical etching. Applied Physics Letters, 2016, 109, .	3.3	16
12	Effect of mechanical compression on $\text{Cu}(\text{In,Ga})\text{Se}_2$ films: micro-structural and photoluminescence analysis. RSC Advances, 2014, 4, 5141.	3.6	2
13	Design and optimisation of process parameters in an in-line CIGS evaporation pilot system. Surface and Coatings Technology, 2014, 241, 159-167.	4.8	13
14	Development of an efficient substrate heating assembly for high efficiency CIGS solar cells over $30\text{ cm}^2$ ; $30\text{ cm}^2$ -area for an in-line pilot evaporation system. , 2013, , .		0
15	Radiation Hardness of Perovskite Solar Cells Based on Aluminium-Doped Zinc Oxide Electrode under Proton irradiation. , 0, , .		0
16	Design and development of all printable perovskite solar modules with $198\text{ cm}^2$ active area. , 0, , .		0
17	Room-temperature Processed Transparent Conductive Oxides For Efficient And Semi-transparent Perovskite And Organic Solar Cells. , 0, , .		0
18	Proton Radiation Hardness of Organic Photovoltaics: An In-Depth Study. Solar Rrl, 0, , 2101037.	5.8	3