

Yuena Meng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Plasmonic Local Electric Field-Enhanced Interface toward High-Efficiency Cu ₂ ZnSn(S,Se) ₄ Thin-Film Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 26690-26698.	8.0	4
2	Synergistic effect of Mn on bandgap fluctuations and surface electrical characteristics in Ag-based Cu ₂ ZnSn(S,Se) ₄ solar cells. Journal of Materials Chemistry A, 2021, 9, 2292-2300.	10.3	25
3	Enhancing Grain Growth for Efficient Solution-Processed (Cu,Ag) ₂ ZnSn(S,Se) ₄ Solar Cells Based on Acetate Precursor. ACS Applied Materials & Interfaces, 2020, 12, 14213-14223.	8.0	31
4	Nanoscale electrical property enhancement through antimony incorporation to pave the way for the development of low-temperature processed Cu ₂ ZnSn(S,Se) ₄ solar cells. Journal of Materials Chemistry A, 2019, 7, 3135-3142.	10.3	35
5	Se-Assisted Performance Enhancement of Cu ₂ ZnSn(S,Se) ₄ Quantum-Dot Sensitized Solar Cells via a Simple Yet Versatile Synthesis. Inorganic Chemistry, 2019, 58, 13285-13292.	4.0	13
6	Chemical Dynamics of Back Contact with MoO ₃ Interfacial Layer in Kesterite Solar Cells: Microstructure Evolution and Photovoltaic Performance. Solar Rrl, 2019, 3, 1900131.	5.8	25
7	Elemental Precursor Solution Processed (Cu _{1-x} Ag _x) ₂ ZnSn(S,Se) ₄ Photovoltaic Devices with over 10% Efficiency. ACS Applied Materials & Interfaces, 2017, 9, 21243-21250.	8.0	114
8	Performances Enhancement in Perovskite Solar Cells by Incorporating Plasmonic Au NRs@SiO ₂ at Absorber/HTL Interface. Solar Rrl, 2017, 1, 1700151.	5.8	21
9	Quaternary Cu ₂ ZnSnS ₄ quantum dot-sensitized solar cells: Synthesis, passivation and ligand exchange. Journal of Power Sources, 2016, 318, 35-40.	7.8	35
10	Improving the Performance of Solution-Processed Cu ₂ ZnSn(S,Se) ₄ Photovoltaic Materials by Cd ²⁺ Substitution. Chemistry of Materials, 2016, 28, 5821-5828.	6.7	124