

# Yuena Meng

## List of Publications by Year in descending order

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10  
papers

427  
citations

1040056

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1372567

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g-index

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docs citations

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times ranked

479  
citing authors

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