

# Yang Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10517397/publications.pdf>

Version: 2024-02-01

10  
papers

1,126  
citations

932766

10  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

2292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenylalkylamine Passivation of Organolead Halide Perovskites Enabling High Efficiency and Air-Stable Photovoltaic Cells. <i>Advanced Materials</i> , 2016, 28, 9986-9992.	11.1	532
2	Benzylamine-Treated Wide-Bandgap Perovskite with High Thermal Photostability and Photovoltaic Performance. <i>Advanced Energy Materials</i> , 2017, 7, 1701048.	10.2	188
3	Composition-Tuned Wide Bandgap Perovskites: From Grain Engineering to Stability and Performance Improvement. <i>Advanced Functional Materials</i> , 2018, 28, 1803130.	7.8	121
4	Defect activity in metal halide perovskites with wide and narrow bandgap. <i>Nature Reviews Materials</i> , 2021, 6, 986-1002.	23.3	121
5	Role of Excess FAI in Formation of High-Efficiency FAPbI <sub>3</sub> -Based Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2020, 30, 1906875.	7.8	44
6	Enhanced Incorporation of Guanidinium in Formamidinium-Based Perovskites for Efficient and Stable Photovoltaics: The Role of Cs and Br. <i>Advanced Functional Materials</i> , 2019, 29, 1905739.	7.8	41
7	Excess Ion-Induced Efficiency Roll-Off in High-Efficiency Perovskite Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 28546-28554.	4.0	27
8	Fast Seebeck coefficient measurement based on dynamic method. <i>Review of Scientific Instruments</i> , 2014, 85, 054904.	0.6	21
9	The selection strategy of ammonium-group organic salts in vapor deposited perovskites: From dimension regulation to passivation. <i>Nano Energy</i> , 2021, 84, 105893.	8.2	19
10	Thermoelectric Properties of Amorphous Zr-Ni-Sn Thin Films Deposited by Magnetron Sputtering. <i>Journal of Electronic Materials</i> , 2015, 44, 1957-1962.	1.0	12