

# Chengxi Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6198915/publications.pdf>

Version: 2024-02-01

14  
papers

626  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress of minimal voltage losses for high-performance perovskite photovoltaics. Nano Energy, 2021, 81, 105634.	16.0	48
2	Constructing an n/n <sup>+</sup> homojunction in a monolithic perovskite film for boosting charge collection in inverted perovskite photovoltaics. Energy and Environmental Science, 2021, 14, 4048-4058.	30.8	87
3	Perovskite crystals redissolution strategy for affordable, reproducible, efficient and stable perovskite photovoltaics. Materials Today, 2021, 50, 199-223.	14.2	43
4	Interfacial Linkage and Carbon Encapsulation Enable Full Solution-Printed Perovskite Photovoltaics with Prolonged Lifespan. Angewandte Chemie, 2021, 133, 23928.	2.0	7
5	Interfacial Linkage and Carbon Encapsulation Enable Full Solution-Printed Perovskite Photovoltaics with Prolonged Lifespan. Angewandte Chemie - International Edition, 2021, 60, 23735-23742.	13.8	56
6	A Review of Diverse Halide Perovskite Morphologies for Efficient Optoelectronic Applications. Small Methods, 2020, 4, 1900662.	8.6	69
7	Spontaneous surface/interface ligand-anchored functionalization for extremely high fill factor over 86% in perovskite solar cells. Nano Energy, 2020, 75, 104929.	16.0	47
8	Correlating alkyl chain length with defect passivation efficacy in perovskite solar cells. Chemical Communications, 2020, 56, 5006-5009.	4.1	51
9	Ultra-stable 2D layered methylammonium cadmium trihalide perovskite photoelectrodes. Journal of Materials Chemistry C, 2018, 6, 11552-11560.	5.5	20
10	A review on morphology engineering for highly efficient and stable hybrid perovskite solar cells. Journal of Materials Chemistry A, 2018, 6, 12842-12875.	10.3	168
11	Facile solution processed MoO <sub>3</sub> thin film as hole transportation layer for polymer solar cells. Proceedings of SPIE, 2016, , .	0.8	0
12	Low-temperature preparation of ZnO thin film by atmospheric mist chemistry vapor deposition for flexible organic solar cells. Journal of Materials Science: Materials in Electronics, 2016, 27, 7004-7009.	2.2	13
13	Substrate Temperature Effect on Charge Transport Performance of ZnO Electron Transport Layer Prepared by a Facile Ultrasonic Spray Pyrolysis in Polymer Solar Cells. International Journal of Photoenergy, 2015, 2015, 1-8.	2.5	14
14	Investigation of Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) Hole Transport Layer for Solution-Processed Polymer Solar Cells. International Journal of Photoenergy, 2015, 2015, 1-7.	2.5	3