

Yurong Zhou

List of Publications by Year in descending order

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487
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#	ARTICLE	IF	CITATIONS
1	20% efficiency mg/PCBM/p-type silicon hybrid solar cells. Solar Energy Materials and Solar Cells, 2022, 235, 111453.	3.0	7
2	Degradation phenomena and degradation mechanisms for highly conductive PEDOT:PSS films. Materials Letters, 2022, 308, 131106.	1.3	9
3	Reactive thermal evaporated amorphous tin oxide fabricated at room temperature and application in perovskite solar cells. Progress in Photovoltaics: Research and Applications, 2022, 30, 339-348.	4.4	3
4	Organic/silicon nanowires hybrid solar cells using isobutyltriethoxysilane incorporated poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) as hole transport layer. Progress in Photovoltaics: Research and Applications, 2022, 30, 661-669.	4.4	8
5	Power conversion efficiency of 25.26% for silicon heterojunction solar cell with transition metal element doped indium oxide transparent conductive film as front electrode. Progress in Photovoltaics: Research and Applications, 2022, 30, 1136-1143.	4.4	19
6	Solution Processed Organic/Silicon Nanowires Hybrid Heterojunction Solar Cells Using Organosilane Incorporated Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) as Hole Transport Layers. ACS Nano, 2021, 15, 6296-6304.	7.3	20
7	Solution-based synthesis of PEDOT:PSS films with electrical conductivity over 6300 S/cm. Journal of Industrial and Engineering Chemistry, 2021, 101, 414-422.	2.9	20
8	p-type c-Si/SnO ₂ /Mg heterojunction solar cells with an induced inversion layer. Applied Physics Letters, 2021, 119, 263502.	1.5	4
9	Silicon Heterojunction Solar Cells with MoOx Hole-Selective Layer by Hot Wire Oxidation-Sublimation Deposition. Solar Rrl, 2020, 4, 1900514.	3.1	9
10	Lithography-free and dopant-free back-contact silicon heterojunction solar cells with solution-processed TiO ₂ as the efficient electron selective layer. Solar Energy Materials and Solar Cells, 2019, 203, 110196.	3.0	18
11	SnO ₂ /Mg combination electron selective transport layer for Si heterojunction solar cells. Solar Energy Materials and Solar Cells, 2019, 200, 109996.	3.0	27
12	Highly wettable and metallic NiFe-phosphate/phosphide catalyst synthesized by plasma for highly efficient oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 7509-7516.	5.2	112
13	Solution-processed ZnO as the efficient passivation and electron selective layer of silicon solar cells. Progress in Photovoltaics: Research and Applications, 2018, 26, 974-980.	4.4	40
14	Passivation of high aspect ratio silicon nanowires by using catalytic chemical vapor deposition for radial heterojunction solar cell application. RSC Advances, 2017, 7, 45101-45106.	1.7	8
15	PEDOT:PSS/SiNWs Hybrid Solar Cells With an Effective Nanocrystalline Silicon Back Surface Field Layer by Low Temperature Catalytic Diffusion. Solar Rrl, 2017, 1, 1700133.	3.1	6
16	Organic ammonium chloride salt incorporated SnO ₂ electron transport layers for improving the performance of perovskite solar cells. Sustainable Energy and Fuels, 0, , .	2.5	2