

Zhouhui Xia

List of Publications by Year in descending order

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papers

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1040056

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10
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761
citing authors

#	ARTICLE	IF	CITATIONS
1	Buried MoO ₃ /Ag Electrode Enables High-Efficiency Organic/Silicon Heterojunction Solar Cells with a High Fill Factor. ACS Applied Materials & Interfaces, 2018, 10, 13767-13773.	8.0	26
2	Investigation of MoO ₃ /Si strong inversion layer interfaces via dopant-free heterocontact. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700107.	2.4	56
3	Doping-Free Asymmetrical Silicon Heterocontact Achieved by Integrating Conjugated Molecules for High Efficient Solar Cell. Advanced Energy Materials, 2017, 7, 1700311.	19.5	33
4	Black phosphorus induced photo-doping for high-performance organic-silicon heterojunction photovoltaics. Nano Research, 2017, 10, 3848-3856.	10.4	21
5	Optical and electrical enhancement for high performance hybrid Si/organic heterojunction solar cells using gold nanoparticles. Electrochimica Acta, 2016, 222, 1387-1392.	5.2	13
6	High Performance Nanostructured Silicon-Organic Quasi p-n Junction Solar Cells via Low-Temperature Deposited Hole and Electron Selective Layer. ACS Nano, 2016, 10, 704-712.	14.6	74
7	High efficiency organic/silicon hybrid solar cells with doping-free selective emitter structure induced by a WO ₃ thin interlayer. Nano Energy, 2015, 16, 54-61.	16.0	45
8	Electrophoretic deposited oxide thin films as charge transporting interlayers for solution-processed optoelectronic devices: the case of ZnO nanocrystals. RSC Advances, 2015, 5, 8216-8222.	3.6	9
9	Plasmonic enhancement in hybrid organic/Si heterojunction solar cells enabled by embedded gold nanoparticles. Applied Physics Letters, 2014, 105, .	3.3	15
10	Low-Temperature Combustion-Synthesized Nickel Oxide Thin Films as Hole-Transport Interlayers for Solution-Processed Optoelectronic Devices. Advanced Energy Materials, 2014, 4, 1301460.	19.5	110