# Zhouhui Xia

List of Publications by Year
in descending order



| 10 | 402 | 1040056 9 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 10 | 10 | 10 | 761 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Lowâ€Temperature Combustionâ€Synthesized Nickel Oxide Thin Films as Holeâ€Transport Interlayers for Solutionâ€Processed Optoelectronic Devices. Advanced Energy Materials, 2014, 4, 1301460. | 19.5 | 110 |
| 2 | High Performance Nanostructured Siliconâ€“Organic Quasi pâ€“n Junction Solar Cells via Low-Temperature Deposited Hole and Electron Selective Layer. ACS Nano, 2016, 10, 704-712. | 14.6 | 74 |
| 3 | Investigation of MoO<sub>x</sub>/nâ€Si strong inversion layer interfaces via dopantâ€free heterocontact. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700107. | 2.4 | 56 |
| 4 | High efficiency organic/silicon hybrid solar cells with doping-free selective emitter structure induced by a WO3 thin interlayer. Nano Energy, 2015, 16, 54-61. | 16.0 | 45 |
| 5 | Dopingâ€Free Asymmetrical Silicon Heterocontact Achieved by Integrating Conjugated Molecules for High Efficient Solar Cell. Advanced Energy Materials, 2017, 7, 1700311. | 19.5 | 33 |
| 6 | Buried MoO<sub>x</sub>/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 |
| 7 | Black phosphorus induced photo-doping for high-performance organic-silicon heterojunction photovoltaics. Nano Research, 2017, 10, 3848-3856. | 10.4 | 21 |
| 8 | Plasmonic enhancement in hybrid organic/Si heterojunction solar cells enabled by embedded gold nanoparticles. Applied Physics Letters, 2014, 105, . | 3.3 | 15 |
| 9 | 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 |
| 10 | 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 |