Dikai Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/584022/publications.pdf

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10	281	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	611
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance Improvement of Graphene/Silicon Photodetectors Using High Work Function Metal Nanoparticles with Plasma Effect. Advanced Optical Materials, 2018, 6, 1701243.	7.3	32
2	Design and Photovoltaic Properties of Graphene/Silicon Solar Cell. Journal of Electronic Materials, 2018, 47, 5025-5032.	2.2	8
3	Illuminationâ€Induced Hole Doping for Performance Improvement of Graphene/nâ€Silicon Solar Cells with P3HT Interlayer. Advanced Electronic Materials, 2017, 3, 1600516.	5.1	20
4	Fulleropyrrolidinium Iodide As an Efficient Electron Transport Layer for Air-Stable Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 34612-34619.	8.0	24
5	Ambient Engineering for High-Performance Organicâ€“Inorganic Perovskite Hybrid Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 21505-21511.	8.0	25
6	Interface coupling in graphene/fluorographene heterostructure for high-performance graphene/silicon solar cells. Nano Energy, 2016, 28, 12-18.	16.0	73
7	Room-temperature processed, air-stable and highly efficient graphene/silicon solar cells with an organic interlayer. Journal of Materials Chemistry A, 2016, 4, 11284-11291.	10.3	16
8	Self-generation of a quasi pâ€“n junction for high efficiency chemical-doping-free graphene/silicon solar cells using a transition metal oxide interlayer. Journal of Materials Chemistry A, 2016, 4, 10558-10565.	10.3	18
9	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
10	Interface engineering and efficiency improvement of monolayer grapheneâ€“silicon solar cells by inserting an ultra-thin LiF interlayer. RSC Advances, 2015, 5, 46480-46484.	3.6	20