Qi Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11406447/publications.pdf

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20	501	933447	1199594
papers	citations	10	12
		h-index	g-index

20	20	20	939
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Techno-economic analysis of hybrid PV/T systems for process heat using electricity to subsidize the cost of heat. Applied Energy, 2017, 208, 1370-1378.	10.1	49
2	Optical Design and Validation of an Infrared Transmissive Spectrum Splitting Concentrator Photovoltaic Module. IEEE Journal of Photovoltaics, 2017, 7, 1469-1478.	2.5	10
3	Transmissive concentrator multijunction solar cells with over 47% in-band power conversion efficiency. Applied Physics Letters, 2016, 109, .	3.3	16
4	Thermal characterization of concentrated solar absorbance using resistive heaters. , 2016, , .		1
5	A transmissive, spectrum-splitting concentrating photovoltaic module for hybrid photovoltaic-solar thermal energy conversion. Solar Energy, 2016, 137, 585-593.	6.1	45
6	Transmissive spectrum splitting multi-junction solar module for hybrid CPV/CSP system. , 2015, , .		4
7	Plasmonic-enhanced perovskite solar cells using alloy popcorn nanoparticles. RSC Advances, 2015, 5, 11175-11179.	3.6	111
8	Broadband light absorption enhancement in dye-sensitized solar cells with Au-Ag alloy popcorn nanoparticles. Scientific Reports, 2013, 3, 2112.	3.3	87
9	Plasmonic Enhanced Optical Absorption in Organic Solar Cells With Metallic Nanoparticles. IEEE Photonics Journal, 2013, 5, 8400509-8400509.	2.0	14
10	Efficiency Enhancement in Organic Solar Cells With Extended Resonance Spectrum of Localized Surface Plasmon. IEEE Photonics Journal, 2013, 5, 8400307-8400307.	2.0	3
11	Plasmonic core-shell metal-organic nanoparticles enhanced dye-sensitized solar cells. Optics Express, 2012, 20, A898.	3.4	36
12	Plasmonic metal nanoparticle enhanced thin film organic solar cells. , 2012, , .		0
13	Tunable plasmonic resonance using core-shell nanoparticles for increasing optical absorption in solar cells. , 2012, , .		0
14	Plasmonic core-shell metal-organic nanoparticles enhanced dye-sensitized solar cells. Optics Express, 2012, 20, A898-907.	3.4	2
15	Plasmonic core-shell nanoparticle enhanced optical absorption in thin film organic solar cells. , 2011, , .		1
16	Mechanism of optical absorption enhancement in thin film organic solar cells with plasmonic metal nanoparticles. Optics Express, 2011, 19, 24795.	3.4	55
17	Plasmonic core-shell nanoparticle-based thin film solar cells. , 2011, , .		2
18	Plasmonic core-shell gold nanoparticle enhanced optical absorption in photovoltaic devices. Applied Physics Letters, 2011, 98, 113119.	3.3	63

#	Article	IF	Citations
19	Plasmonic Enhanced Light Absorption of Solar Cells with Metal Nanoparticles. , 2011, , .		2
20	Metal Nanoparticles Enhanced Optical Absorption in Thin Film Solar Cells. , 2011, , .		0