Ari Bimo Prakoso

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7318336/publications.pdf

Version: 2024-02-01

13	142	1307594 7	1199594 12
papers	citations	h-index	g-index

13	13	13	275
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Efficiency Silicon Nanowire/organic Hybrid Solar Cell with Two-step Surface Treatment. Nanoscale, 2015, 7, 4559-65.	5.6	40
2	Totally embedded hybrid thin films of carbon nanotubes and silver nanowires as flat homogenous flexible transparent conductors. Scientific Reports, 2016, 6, 38453.	3.3	31
3	Investigation of solution processed molybdenum oxide as selective contacts for silicon solar cells application. Materials Chemistry and Physics, 2019, 236, 121779.	4.0	14
4	Carrier selective solution processed molybdenum oxide silicon heterojunctions solar cells with over 12% efficiency. Semiconductor Science and Technology, 2020, 35, 075022.	2.0	13
5	Hole selective WOx and V2Ox contacts using solution process for silicon solar cells application. Materials Chemistry and Physics, 2021, 273, 125101.	4.0	11
6	Design guideline for Si/organic hybrid solar cell with interdigitated back contact structure. Semiconductor Science and Technology, 2018, 33, 035016.	2.0	9
7	Reverse recovery transient characteristic of PEDOT:PSS/n-Si hybrid organic-inorganic heterojunction. Organic Electronics, 2017, 42, 269-274.	2.6	7
8	Nanostructured back reflectors produced using polystyrene assisted lithography for enhanced light trapping in silicon thin film solar cells. Solar Energy, 2018, 167, 108-115.	6.1	6
9	High-Efficiency Planar Thin-Film Si/PEDOT:PSS Hybrid Solar Cell. IEEE Journal of Photovoltaics, 2016, 6, 217-222.	2.5	3
10	Aqueous Solution Deposited Molybdenum Oxide Crystalline Silicon Heterojunction Solar Cells. , 2018, , .		2
11	Voltage transient analysis as a generic tool for solar junction characterization. Journal Physics D: Applied Physics, 2018, 51, 345501.	2.8	2
12	Optical Study and Experimental Realization of Nanostructured Back Reflectors with Reduced Parasitic Losses for Silicon Thin Film Solar Cells. Nanomaterials, 2018, 8, 626.	4.1	2
13	PV-Tower solar cell for small footprint photovoltaic energy harvesting for the internet of things application. Semiconductor Science and Technology, 2020, 35, 125014.	2.0	2