

Chenjin Lu

List of Publications by Year in descending order

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10
papers

63
citations

1874746

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1762888

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all docs

10
docs citations

10
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Hole selective WO _x and V ₂ O ₅ contacts using solution process for silicon solar cells application. Materials Chemistry and Physics, 2021, 273, 125101.	2.0	11
2	Carrier selective solution processed molybdenum oxide silicon heterojunctions solar cells with over 12% efficiency. Semiconductor Science and Technology, 2020, 35, 075022.	1.0	13
3	PV-Tower solar cell for small footprint photovoltaic energy harvesting for the internet of things application. Semiconductor Science and Technology, 2020, 35, 125014.	1.0	2
4	Investigation of solution processed molybdenum oxide as selective contacts for silicon solar cells application. Materials Chemistry and Physics, 2019, 236, 121779.	2.0	14
5	Nanostructured back reflectors produced using polystyrene assisted lithography for enhanced light trapping in silicon thin film solar cells. Solar Energy, 2018, 167, 108-115.	2.9	6
6	Design guideline for Si/organic hybrid solar cell with interdigitated back contact structure. Semiconductor Science and Technology, 2018, 33, 035016.	1.0	9
7	Aqueous Solution Deposited Molybdenum Oxide Crystalline Silicon Heterojunction Solar Cells. , 2018, , .		2
8	Voltage transient analysis as a generic tool for solar junction characterization. Journal Physics D: Applied Physics, 2018, 51, 345501.	1.3	2
9	Optical Study and Experimental Realization of Nanostructured Back Reflectors with Reduced Parasitic Losses for Silicon Thin Film Solar Cells. Nanomaterials, 2018, 8, 626.	1.9	2
10	An enhanced charge carrier separation in a heterojunction solar cell with a metal oxide. Physica Status Solidi (A) Applications and Materials Science, 0, , 2100525.	0.8	2