

Geoffrey Gregory

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Processâ€‘Structureâ€‘Properties Relationships of Passivating, Electronâ€‘Selective Contacts Formed by Atmospheric Pressure Chemical Vapor Deposition of Phosphorusâ€‘Doped Polysilicon. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	1.2	6
2	Phosphorus-doped polysilicon passivating contacts deposited by atmospheric pressure chemical vapor deposition. Journal Physics D: Applied Physics, 2021, 54, 384003.	1.3	6
3	Spatial Atomic Layer Deposition of Molybdenum Oxide for Industrial Solar Cells. Advanced Materials Interfaces, 2020, 7, 2000895.	1.9	18
4	Recombination and Resistive Losses of Transferred Foil Contacts for Silicon Heterojunction Solar Cells. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000368.	1.2	6
5	Improving the Passivation of Molybdenum Oxide Holeâ€‘Selective Contacts with 1â€‘nm Hydrogenated Aluminum Oxide Films for Silicon Solar Cells. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000093.	0.8	11
6	Spatial Atomic Layer Deposition of Aluminum Oxide as a Passivating Hole Contact for Silicon Solar Cells. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000348.	0.8	5
7	A Comprehensive Methodology to Evaluate Losses and Process Variations in Silicon Solar Cell Manufacturing. IEEE Journal of Photovoltaics, 2019, 9, 1350-1359.	1.5	16
8	Transmission Electron Microscopy and Electron Energy-Loss Spectroscopy Studies of Hole-Selective Molybdenum Oxide Contacts in Silicon Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 43075-43080.	4.0	11
9	Nondestructive Contact Resistivity Measurements on Solar Cells Using the Circular Transmission Line Method. IEEE Journal of Photovoltaics, 2019, 9, 1800-1805.	1.5	9
10	TEM Study of MoOx/Ni and MoOx/Al Contacts for Silicon Solar Cells. Microscopy and Microanalysis, 2019, 25, 2116-2117.	0.2	0
11	In Situ Transmission Electron Microscopy Study of Molybdenum Oxide Contacts for Silicon Solar Cells. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800998.	0.8	6
12	In Situ Transmission Electron Microscopy: A Powerful Tool for the Characterization of Carrier-Selective Contacts. , 2019, , .		0
13	Detailed Performance Loss Analysis of Silicon Solar Cells using High-Throughput Metrology Methods. , 2018, , .		5
14	Thermally Stable Molybdenum Oxide Hole-Selective Contacts Deposited using Spatial Atomic Layer Deposition. , 2018, , .		5
15	Thermal Stability of Hole-Selective Tungsten Oxide: In Situ Transmission Electron Microscopy Study. Scientific Reports, 2018, 8, 12651.	1.6	16
16	TEM studies of hole-selective molybdenum oxide contacts in silicon heterojunction solar cells. Microscopy and Microanalysis, 2018, 24, 1508-1509.	0.2	3
17	Detailed investigation of TLM contact resistance measurements on crystalline silicon solar cells. Solar Energy, 2017, 151, 163-172.	2.9	63
18	Non-Destructive Contact Resistivity Measurements on Solar Cells Using the Circular Transmission Line Method. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
19	Dependence of solar cell contact resistivity measurements on sample preparation methods. , 2016, , .		8