

Maximilian GÄtzt-KÄhler

List of Publications by Year in descending order

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15
papers

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15
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15
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116
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Thin Polymer Coating as a Selective Thermal Emitter for Passive Daytime Radiative Cooling. ACS Applied Materials & Interfaces, 2021, 13, 24130-24137.	8.0	34
2	Direct Electron Beam Writing of Silver-Based Nanostructures. ACS Applied Materials & Interfaces, 2017, 9, 24071-24077.	8.0	29
3	Tunable Photovoltaics: Adapting Solar Cell Technologies to Versatile Applications. Advanced Energy Materials, 2022, 12, .	19.5	27
4	Quantum confinement-tunable solar cell based on ultrathin amorphous germanium. Nano Energy, 2020, 76, 105048.	16.0	20
5	Towards the third dimension in direct electron beam writing of silver. Beilstein Journal of Nanotechnology, 2018, 9, 842-849.	2.8	17
6	Switchable Photocurrent Generation in an Ultrathin Resonant Cavity Solar Cell. ACS Photonics, 2020, 7, 1022-1029.	6.6	14
7	Ultrathin Nano-Absorbers in Photovoltaics: Prospects and Innovative Applications. Coatings, 2020, 10, 218.	2.6	14
8	Switchable photovoltaic window for on-demand shading and electricity generation. Solar Energy, 2022, 232, 433-443.	6.1	10
9	Improved Metal Oxide Electrode for CIGS Solar Cells: The Application of an AgOX Wetting Layer. Nanoscale Research Letters, 2021, 16, 50.	5.7	9
10	Multifunctional metal oxide electrodes: Colour for thin film solar cells. Thin Solid Films, 2019, 685, 131-135.	1.8	7
11	Ultrathin Solar Cell With Magnesium-Based Optical Switching for Window Applications. IEEE Journal of Photovoltaics, 2021, 11, 1388-1394.	2.5	3
12	Investigation of Quantum Size Effects on the Optical Absorption in Ultrathin Single Quantum Well Solar Cell Embedded as a Nanophotonic Resonator. IEEE Journal of Photovoltaics, 2022, 12, 760-770.	2.5	3
13	Optical Switching of Quantum Confinement-Tunable Semi-Transparent Solar Cell Based on Ultrathin Germanium. , 2021, , .		1
14	Ultrathin Multiple Quantum Wells Solar Cell Based on Silicon/Germanium Nanostructures. , 2021, , .		1
15	Ultra-Thin a-Ge:H Solar Cell with Switchable Absorption Enhancement: Towards Smart Photovoltaic Windows. , 2020, , .		1