

Maximilian GÄtzt-KÄhler

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

190
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

116
citing authors

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