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List of Publications by Year in descending order

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papers

919
citations

686830

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docs citations

22
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly suppressed solar absorption in a daytime radiative cooler designed by genetic algorithm. <i>Nanophotonics</i> , 2022, 11, 2107-2115.	2.9	29
2	Colored emitters with silica-embedded perovskite nanocrystals for efficient daytime radiative cooling. <i>Nano Energy</i> , 2021, 79, 105461.	8.2	82
3	Broadband Meta-Absorber with Au/Ni Core-Shell Nanowires for Solar Vapor Generator. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000217.	2.7	4
4	Visibly Transparent Radiative Cooler under Direct Sunlight. <i>Advanced Optical Materials</i> , 2021, 9, 2002226.	3.6	66
5	Spectrally Selective Nanoparticle Mixture Coating for Passive Daytime Radiative Cooling. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21119-21126.	4.0	71
6	Structured BiVO ₄ Photoanode Fabricated via Sputtering for Large Areas and Enhanced Photoelectrochemical Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17923-17932.	3.2	15
7	Multifunctional Daytime Radiative Cooling Devices with Simultaneous Light-Emitting and Radiative Cooling Functional Layers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54763-54772.	4.0	60
8	Cross-Linked Porous Polymeric Coating without a Metal-Reflective Layer for Sub-Ambient Radiative Cooling. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57832-57839.	4.0	56
9	Spectrally Selective Inorganic-Based Multilayer Emitter for Daytime Radiative Cooling. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8073-8081.	4.0	195
10	Simultaneous Improvement of Absorption and Separation Efficiencies of Mo:BiVO ₄ Photoanodes via Nanopatterned SnO ₂ /Au Hybrid Layers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17000-17007.	3.2	7
11	A smartphone fluorescence imaging-based mobile biosensing system integrated with a passive fluidic control cartridge for minimal user intervention and high accuracy. <i>Lab on A Chip</i> , 2019, 19, 1502-1511.	3.1	25
12	Nano- and Micro-Sized Fe ₂ O ₃ Structures Fabricated by UV Imprint Lithography. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700948.	0.8	3
13	Customizable 3D-printed architecture with ZnO-based hierarchical structures for enhanced photocatalytic performance. <i>Nanoscale</i> , 2018, 10, 21696-21702.	2.8	50
14	Air void optical scattering structure for high-brightness organic light emitting diodes. <i>Ceramics International</i> , 2017, 43, S455-S459.	2.3	5
15	Analysis of long-term monitoring data of PV module with SiO _x -based anti-reflective patterned protective glass. <i>Solar Energy Materials and Solar Cells</i> , 2017, 170, 33-38.	3.0	17
16	Microwave welding of silver nanowires for highly transparent conductive electrodes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1600908.	0.8	8
17	A transparent embedded Cu/Au-nanomesh electrode on flexible polymer film substrates. <i>RSC Advances</i> , 2016, 6, 92970-92974.	1.7	8
18	Fabrication of SnO ₂ Nano-to-Microscale Structures from SnO ₂ -Nanoparticle-Dispersed Resin via Thermal Nanoimprint Lithography. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 11308-11312.	0.9	1

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19	Fabrication of superhydrophobic surfaces with nano-in-micro structures using UV-nanoimprint lithography and thermal shrinkage films. <i>Applied Surface Science</i> , 2015, 349, 169-173.	3.1	70
20	Fabrication of Superhydrophobic and Oleophobic Surfaces with Overhang Structure by Reverse Nanoimprint Lithography. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24354-24359.	1.5	140
21	Transparent, Flexible, and Low-Operating-Voltage Resistive Switching Memory Based on Al ₂ O ₃ /IZO Multilayer. <i>Global Challenges</i> , 0, , 2100118.	1.8	5