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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spectrally Selective Inorganic-Based Multilayer Emitter for Daytime Radiative Cooling. ACS Applied Materials & Interfaces, 2020, 12, 8073-8081.	4.0	195
2	Fabrication of Superhydrophobic and Oleophobic Surfaces with Overhang Structure by Reverse Nanoimprint Lithography. Journal of Physical Chemistry C, 2013, 117, 24354-24359.	1.5	140
3	Colored emitters with silica-embedded perovskite nanocrystals for efficient daytime radiative cooling. Nano Energy, 2021, 79, 105461.	8.2	82
4	Spectrally Selective Nanoparticle Mixture Coating for Passive Daytime Radiative Cooling. ACS Applied Materials & Interfaces, 2021, 13, 21119-21126.	4.0	71
5	Fabrication of superhydrophobic surfaces with nano-in-micro structures using UV-nanoimprint lithography and thermal shrinkage films. Applied Surface Science, 2015, 349, 169-173.	3.1	70
6	Visibly Transparent Radiative Cooler under Direct Sunlight. Advanced Optical Materials, 2021, 9, 2002226.	3.6	66
7	Multifunctional Daytime Radiative Cooling Devices with Simultaneous Light-Emitting and Radiative Cooling Functional Layers. ACS Applied Materials & Interfaces, 2020, 12, 54763-54772.	4.0	60
8	Cross-Linked Porous Polymeric Coating without a Metal-Reflective Layer for Sub-Ambient Radiative Cooling. ACS Applied Materials & Interfaces, 2020, 12, 57832-57839.	4.0	56
9	Customizable 3D-printed architecture with ZnO-based hierarchical structures for enhanced photocatalytic performance. Nanoscale, 2018, 10, 21696-21702.	2.8	50
10	Highly suppressed solar absorption in a daytime radiative cooler designed by genetic algorithm. Nanophotonics, 2022, 11, 2107-2115.	2.9	29
11	A smartphone fluorescence imaging-based mobile biosensing system integrated with a passive fluidic control cartridge for minimal user intervention and high accuracy. Lab on A Chip, 2019, 19, 1502-1511.	3.1	25
12	Analysis of long-term monitoring data of PV module with SiO _x -based anti-reflective patterned protective glass. Solar Energy Materials and Solar Cells, 2017, 170, 33-38.	3.0	17
13	Structured BiVO ₄ Photoanode Fabricated via Sputtering for Large Areas and Enhanced Photoelectrochemical Performance. ACS Sustainable Chemistry and Engineering, 2020, 8, 17923-17932.	3.2	15
14	A transparent embedded Cu/Au-nanomesh electrode on flexible polymer film substrates. RSC Advances, 2016, 6, 92970-92974.	1.7	8
15	Microwave welding of silver nanowires for highly transparent conductive electrodes. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600908.	0.8	8
16	Simultaneous Improvement of Absorption and Separation Efficiencies of Mo:BiVO ₄ Photoanodes via Nanopatterned SnO ₂ /Au Hybrid Layers. ACS Sustainable Chemistry and Engineering, 2019, 7, 17000-17007.	3.2	7
17	Air void optical scattering structure for high-brightness organic light emitting diodes. Ceramics International, 2017, 43, S455-S459.	2.3	5
18	Transparent, Flexible, and Low-Operating-Voltage Resistive Switching Memory Based on Al ₂ O ₃ /IZO Multilayer. Global Challenges, 0, , 2100118.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Broadband Meta-Absorber with Au/Ni Core-Shell Nanowires for Solar Vapor Generator. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000217.	2.7	4
20	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
21	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