

Hanmin Jang

List of Publications by Year in descending order

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papers

365
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1040056

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14
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	Visibly Clear Radiative Cooling Metamaterials for Enhanced Thermal Management in Solar Cells and Windows. <i>Advanced Functional Materials</i> , 2022, 32, 2105882.	14.9	51
2	Controlled Integration of Interconnected Pores under Polymeric Surfaces for Low Adhesion and Antiscaling Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13684-13692.	8.0	10
3	Rapid custom prototyping of soft poroelastic biosensor for simultaneous epicardial recording and imaging. <i>Nature Communications</i> , 2021, 12, 3710.	12.8	24
4	High quality GaN tetrapodal structures hetero-integrated on 3D Si surfaces. <i>Applied Surface Science</i> , 2021, 565, 150584.	6.1	1
5	Bioresorbable, Miniaturized Porous Silicon Needles on a Flexible Water-Soluble Backing for Unobtrusive, Sustained Delivery of Chemotherapy. <i>ACS Nano</i> , 2020, 14, 7227-7236.	14.6	50
6	Recent progress on developing anti-frosting and anti-fouling functional surfaces for air source heat pumps. <i>Energy and Buildings</i> , 2020, 223, 110139.	6.7	20
7	Sensor-Instrumented Scaffold Integrated with Microporous Spongelike Ultrabuoy for Long-Term 3D Mapping of Cellular Behaviors and Functions. <i>ACS Nano</i> , 2019, 13, 7898-7904.	14.6	8
8	Fabrication of micro-patterned aluminum surfaces for low ice adhesion strength. <i>Applied Surface Science</i> , 2018, 440, 643-650.	6.1	24
9	Flexible elastomer patch with vertical silicon nanoneedles for intracellular and intratissue nanoinjection of biomolecules. <i>Science Advances</i> , 2018, 4, eaau6972.	10.3	39
10	Facile Fabrication of Superomniphobic Polymer Hierarchical Structures for Directional Droplet Movement. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9213-9220.	8.0	24
11	Three-Dimensional Hetero-Integration of Faceted GaN on Si Pillars for Efficient Light Energy Conversion Devices. <i>ACS Nano</i> , 2017, 11, 6853-6859.	14.6	7
12	Microscopic observation of frost behaviors at the early stage of frost formation on hydrophobic surfaces. <i>International Journal of Heat and Mass Transfer</i> , 2016, 97, 861-867.	4.8	33
13	Direct growth of cerium oxide nanorods on diverse substrates for superhydrophobicity and corrosion resistance. <i>Applied Surface Science</i> , 2015, 340, 96-101.	6.1	74