

Shuang Zheng

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous Energy Harvesting from Ubiquitous Humidity Gradients using Liquid-Infused Nanofluidics. <i>Advanced Materials</i> , 2022, 34, e2106410.	21.0	27
2	Circadian humidity fluctuation induced capillary flow for sustainable mobile energy. <i>Nature Communications</i> , 2022, 13, 1291.	12.8	12
3	Defect-enhanced selective ion transport in an ionic nanocomposite for efficient energy harvesting from moisture. <i>Energy and Environmental Science</i> , 2022, 15, 2601-2609.	30.8	22
4	Microchannel and Nanofiber Array Morphology Enhanced Rapid Superspreading on Animals' Corneas. <i>Advanced Materials</i> , 2021, 33, e2007152.	21.0	26
5	Superamphiphilic TiO ₂ Composite Surface for Protein Antifouling. <i>Advanced Materials</i> , 2021, 33, e2003559.	21.0	32
6	Biocompatible Materials: Microchannel and Nanofiber Array Morphology Enhanced Rapid Superspreading on Animals' Corneas (<i>Adv. Mater.</i> 23/2021). <i>Advanced Materials</i> , 2021, 33, 2170180.	21.0	0
7	A Magnetic Gated Nanofluidic Based on the Integration of a Superhydrophilic Nanochannels and a Reconfigurable Ferrofluid. <i>Advanced Materials</i> , 2019, 31, e1805953.	21.0	34
8	Micro-/nano-voids guided two-stage film cracking on bioinspired assemblies for high-performance electronics. <i>Nature Communications</i> , 2019, 10, 3862.	12.8	38
9	Magnetic Actuation Multifunctional Platform Combining Microdroplets Delivery and Stirring. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47642-47648.	8.0	13
10	Magnetic Gated Biomimetic Artificial Nanochannels for Controllable Ion Transportation Inspired by Homing Pigeon. <i>Small</i> , 2018, 14, e1703369.	10.0	15
11	2D Prior Spreading Inspired from Chinese Xuan Papers. <i>Advanced Functional Materials</i> , 2018, 28, 1800832.	14.9	25
12	Foolproof Method for Fast and Reversible Switching of Water-Droplet Adhesion by Magnetic Gradients. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23238-23245.	8.0	32
13	Coatings: Superhydrophilic Coating Induced Temporary Conductivity for Low-Cost Coating and Patterning of Insulating Surfaces (<i>Adv. Funct. Mater.</i> 48/2016). <i>Advanced Functional Materials</i> , 2016, 26, 9017-9017.	14.9	3
14	Superhydrophilic Coating Induced Temporary Conductivity for Low-Cost Coating and Patterning of Insulating Surfaces. <i>Advanced Functional Materials</i> , 2016, 26, 9018-9025.	14.9	25