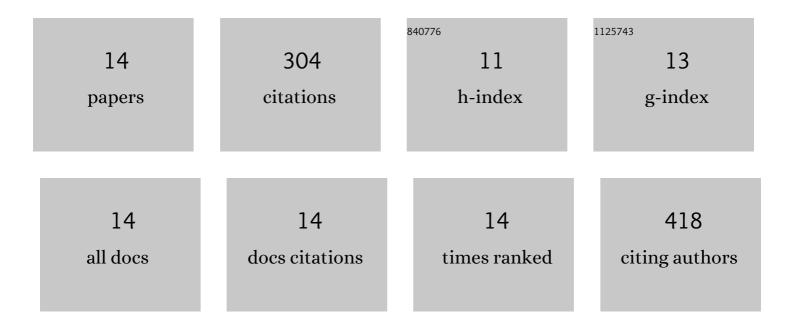
## **Shuang Zheng**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5829831/publications.pdf Version: 2024-02-01



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