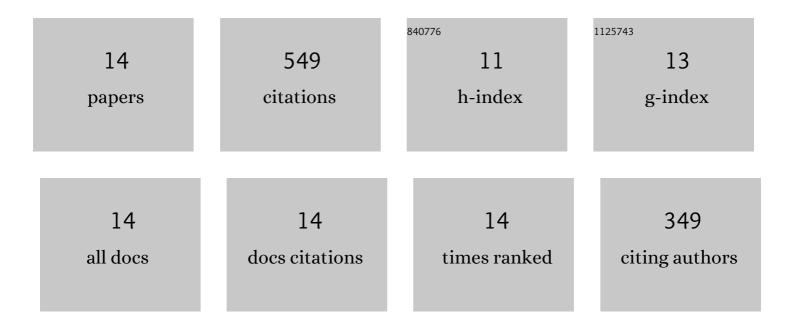
Zhaozheng Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10118558/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Alternating Current Electroluminescent Device Powered by Triboelectric Nanogenerator with Capacitively Driven Circuit Strategy. Advanced Functional Materials, 2022, 32, 2106411.	14.9	16
2	Achieving an ultrahigh direct-current voltage of 130 V by semiconductor heterojunction power generation based on the tribovoltaic effect. Energy and Environmental Science, 2022, 15, 2366-2373.	30.8	52
3	Semiconductor Contactâ€Electrificationâ€Dominated Tribovoltaic Effect for Ultrahigh Power Generation. Advanced Materials, 2022, 34, e2200146.	21.0	52
4	An ultraweak mechanical stimuli actuated single electrode triboelectric nanogenerator with high energy conversion efficiency. Nanoscale, 2022, 14, 7906-7912.	5.6	3
5	Self-Powered and Autonomous Vibrational Wake-Up System Based on Triboelectric Nanogenerators and MEMS Switch. Sensors, 2022, 22, 3752.	3.8	11
6	Friction-Dominated Carrier Excitation and Transport Mechanism for GaN-Based Direct-Current Triboelectric Nanogenerators. ACS Applied Materials & Interfaces, 2022, 14, 24020-24027.	8.0	33
7	Triboelectric nanogenerators for human-health care. Science Bulletin, 2021, 66, 490-511.	9.0	93
8	Power Backpack for Energy Harvesting and Reduced Load Impact. ACS Nano, 2021, 15, 2611-2623.	14.6	49
9	Energy from greenhouse plastic films. Nano Energy, 2021, 89, 106328.	16.0	21
10	Triboelectric nanogenerators for electro-assisted cell printing. Nano Energy, 2020, 67, 104150.	16.0	36
11	Distributed mobile ultraviolet light sources driven by ambient mechanical stimuli. Nano Energy, 2020, 74, 104910.	16.0	43
12	TriboPump: A Low ost, Handâ€Powered Water Disinfection System. Advanced Energy Materials, 2019, 9, 1901320.	19.5	74
13	Electrical analysis of triboelectric nanogenerator for high voltage applications exampled by DBD microplasma. Nano Energy, 2019, 56, 482-493.	16.0	64
14	Multisource Energy Harvester with Coupling Structure and Multiplexing Mechanism. Advanced Materials Interfaces, 0, , 2200468.	3.7	2