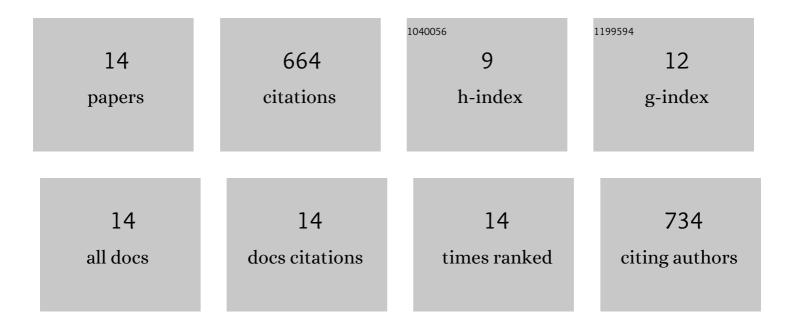
Huang Xin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5559204/publications.pdf Version: 2024-02-01



HUANC XIN

#	Article	IF	CITATIONS
1	Bioinspired Triboelectric Nanogenerators as Selfâ€Powered Electronic Skin for Robotic Tactile Sensing. Advanced Functional Materials, 2020, 30, 1907312.	14.9	198
2	Giant Voltage Enhancement <i>via</i> Triboelectric Charge Supplement Channel for Self-Powered Electroadhesion. ACS Nano, 2018, 12, 10262-10271.	14.6	109
3	Matrix-Independent Highly Conductive Composites for Electrodes and Interconnects in Stretchable Electronics. ACS Applied Materials & amp; Interfaces, 2019, 11, 8567-8575.	8.0	89
4	Active Power Decoupling for Submodules of a Modular Multilevel Converter. IEEE Transactions on Power Electronics, 2018, 33, 125-136.	7.9	66
5	Adhesive and Hydrophobic Bilayer Hydrogel Enabled Onâ€Skin Biosensors for Highâ€Fidelity Classification of Human Emotion. Advanced Functional Materials, 2022, 32, .	14.9	58
6	Flexible Mechanical Metamaterials Enabled Electronic Skin for Realâ€īme Detection of Unstable Grasping in Robotic Manipulation. Advanced Functional Materials, 2022, 32, .	14.9	48
7	Modular Multilevel Converter With Three-Port Power Channels for Medium-Voltage Drives. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1495-1507.	5.4	28
8	A Flexible Microwave Sensor Based on Complementary Spiral Resonator for Material Dielectric Characterization. IEEE Sensors Journal, 2020, 20, 1893-1903.	4.7	24
9	Structural Engineering for Highâ€Performance Flexible and Stretchable Strain Sensors. Advanced Intelligent Systems, 2021, 3, 2000194.	6.1	22
10	Grab and Heat: Highly Responsive and Shape Adaptive Soft Robotic Heaters for Effective Heating of Objects of Three-Dimensional Curvilinear Surfaces. ACS Applied Materials & Interfaces, 2019, 11, 47476-47484.	8.0	10
11	Bioinspired Triboelectric Nanogenerators: Bioinspired Triboelectric Nanogenerators as Selfâ€Powered Electronic Skin for Robotic Tactile Sensing (Adv. Funct. Mater. 6/2020). Advanced Functional Materials, 2020, 30, 2070035.	14.9	8
12	An improved ripple suppression method based on flying-capacitor modular multilevel converter for high performance MV drivers. , 2017, , .		2
13	Monte Carlo simulation of polarization switching in ferroelectric thin films by a realistic kinetic Ising model. Ferroelectrics, 1997, 197, 39-42.	0.6	1
14	The applications of the electronic power transformer in Photovoltaic systems. , 2011, , .		1

The applications of the electronic power transformer in Photovoltaic systems. , 2011, , . 14