

Haoyu Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7519409/publications.pdf>

Version: 2024-02-01

8
papers

203
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	A paradigm shift fully self-powered long-distance wireless sensing solution enabled by discharge-induced displacement current. <i>Science Advances</i> , 2021, 7, eabi6751.	10.3	50
2	A metal-electrode-free, fully integrated, soft triboelectric sensor array for self-powered tactile sensing. <i>Microsystems and Nanoengineering</i> , 2020, 6, 59.	7.0	45
3	Inductor-Free Output Multiplier for Power Promotion and Management of Triboelectric Nanogenerators toward Self-Powered Systems. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5892-5900.	8.0	30
4	On the material-dependent charge transfer mechanism of the contact electrification. <i>Nano Energy</i> , 2020, 78, 105343.	16.0	27
5	Tribophotonics: An emerging self-powered wireless solution toward smart city. <i>Nano Energy</i> , 2022, 97, 107196.	16.0	22
6	Multifunctional Self-Powered Switch toward Delay-Characteristic Sensors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22873-22880.	8.0	15
7	Underwater Self-Powered All-Optical Wireless Ultrasonic Sensing, Positioning and Communication with Ultrafast Response Time and Ultrahigh Sensitivity. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	12
8	Field-Assisted thermionic emission toward quantitative modeling of charge-transfer mechanisms in contact electrification. <i>SmartMat</i> , 2022, 3, 619-631.	10.7	2