

Wenliang Zhang

List of Publications by Year in descending order

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14
papers

738
citations

1040056

9
h-index

1058476

14
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14
all docs

14
docs citations

14
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid piezo/triboelectric nanogenerator for highly efficient and stable rotation energy harvesting. Nano Energy, 2019, 57, 440-449.	16.0	164
2	Piezotronic Graphene Artificial Sensory Synapse. Advanced Functional Materials, 2019, 29, 1900959.	14.9	147
3	Holey nickel-cobalt layered double hydroxide thin sheets with ultrahigh areal capacitance. Journal of Power Sources, 2018, 387, 108-116.	7.8	97
4	Facile Electrochemical Fabrication of Porous Fe ₂ O ₃ Nanosheets for Flexible Asymmetric Supercapacitors. Journal of Physical Chemistry C, 2017, 121, 18982-18991.	3.1	90
5	High-energy asymmetric electrochemical capacitors based on oxides functionalized hollow carbon fibers electrodes. Nano Energy, 2016, 30, 9-17.	16.0	70
6	Textile carbon network with enhanced areal capacitance prepared by chemical activation of cotton cloth. Journal of Colloid and Interface Science, 2019, 553, 705-712.	9.4	51
7	Capacitive performance of porous carbon nanosheets derived from biomass cornstalk. RSC Advances, 2017, 7, 1067-1074.	3.6	44
8	Coupled Ion-Gel Channel-Width Gating and Piezotronic Interface Gating in ZnO Nanowire Devices. Advanced Functional Materials, 2019, 29, 1807837.	14.9	27
9	Thickness Identification of Thin InSe by Optical Microscopy Methods. Advanced Photonics Research, 2020, 1, 2000025.	3.6	11
10	Optical microscopy-based thickness estimation in thin GaSe flakes. Materials Today Advances, 2021, 10, 100143.	5.2	9
11	Integrating van der Waals materials on paper substrates for electrical and optical applications. Applied Materials Today, 2021, 23, 101012.	4.3	9
12	Cotton fabric-derived hybrid carbon network with N-doped carbon nanotubes grown vertically as flexible multifunctional electrodes for high-rate capacitive energy storage. Journal of Power Sources, 2021, 507, 230303.	7.8	9
13	Integrating superconducting van der Waals materials on paper substrates. Materials Advances, 2021, 2, 3274-3281.	5.4	6
14	Paper-supported WS ₂ strain gauges. Sensors and Actuators A: Physical, 2021, 332, 113204.	4.1	4