

Zixing Wang

List of Publications by Year in descending order

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18
papers

1,646
citations

567281

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times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilizing SEI by cyclic ethers toward enhanced K ⁺ storage in graphite. <i>Journal of Energy Chemistry</i> , 2022, 71, 344-350.	12.9	9
2	Ti ₃ C ₂ T _x MXene-Based Micro-Supercapacitors with Ultrahigh Volumetric Energy Density for All-in-One Si-Electronics. <i>ACS Nano</i> , 2022, 16, 3776-3784.	14.6	60
3	Solving Gravimetric-Volumetric Capacitive Paradox of 2D Materials through Dual-Functional Chemical Bonding-Induced Self-Constructing Graphene-MXene Monoliths. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6339-6348.	8.0	8
4	Air-Stable Conductive Polymer Ink for Printed Wearable Micro-Supercapacitors. <i>Small</i> , 2021, 17, e2100956.	10.0	51
5	Chain-Elongated Ionic Liquid Electrolytes for Low Self-Discharge All-Solid-State Supercapacitors at High Temperature. <i>ChemSusChem</i> , 2021, 14, 3895-3903.	6.8	17
6	A linear-to-rotary hybrid nanogenerator for high-performance wearable biomechanical energy harvesting. <i>Nano Energy</i> , 2020, 67, 104235.	16.0	172
7	Scalable, and low-cost treating-cutting-coating manufacture platform for MXene-based on-chip micro-supercapacitors. <i>Nano Energy</i> , 2020, 69, 104431.	16.0	78
8	High-voltage asymmetric MXene-based on-chip micro-supercapacitors. <i>Nano Energy</i> , 2020, 74, 104928.	16.0	96
9	Unraveling and Regulating Self-Discharge Behavior of Ti ₃ C ₂ T _x MXene-Based Supercapacitors. <i>ACS Nano</i> , 2020, 14, 4916-4924.	14.6	203
10	An ultrathin robust polymer membrane for wearable solid-state electrochemical energy storage. <i>Nano Energy</i> , 2020, 76, 105179.	16.0	70
11	Strong Lewis Acid-Base and Weak Hydrogen Bond Synergistically Enhancing Ionic Conductivity of Poly(ethylene oxide)@SiO ₂ Electrolytes for a High Rate Capability Li-Metal Battery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10341-10349.	8.0	77
12	Electrochemically building three-dimensional supramolecular polymer hydrogel for flexible solid-state micro-supercapacitors. <i>Electrochimica Acta</i> , 2019, 301, 136-144.	5.2	69
13	Extremely low self-discharge solid-state supercapacitors <i>via</i> the confinement effect of ion transfer. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8633-8640.	10.3	88
14	Establishing highly-efficient surface faradaic reaction in flower-like NiCo ₂ O ₄ nano-/micro-structures for next-generation supercapacitors. <i>Electrochimica Acta</i> , 2019, 307, 302-309.	5.2	95
15	All-Sprayable Hierarchically Nanostructured Conducting Polymer Hydrogel for Massively Manufactured Flexible All-Solid-State Supercapacitor. <i>Energy Technology</i> , 2019, 7, 1801109.	3.8	6
16	Highly microporous carbon with nitrogen-doping derived from natural biowaste for high-performance flexible solid-state supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 322-332.	9.4	80
17	Cowpea-structured PVDF/ZnO nanofibers based flexible self-powered piezoelectric bending motion sensor towards remote control of gestures. <i>Nano Energy</i> , 2019, 55, 516-525.	16.0	331
18	Epidermis-Inspired Ultrathin 3D Cellular Sensor Array for Self-Powered Biomedical Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41070-41075.	8.0	136