

Shouzhi Wang

List of Publications by Year in descending order

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27
papers

1,381
citations

331259

21
h-index

525886

27
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all docs

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docs citations

27
times ranked

1839
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional MoS ₂ @CNT/RGO Network Composites for High-Performance Flexible Supercapacitors. <i>Chemistry - A European Journal</i> , 2017, 23, 3438-3446.	1.7	166
2	Gallium Nitride Crystals: Novel Supercapacitor Electrode Materials. <i>Advanced Materials</i> , 2016, 28, 3768-3776.	11.1	136
3	Metal-free boron carbonitride with tunable boron Lewis acid sites for enhanced nitrogen electroreduction to ammonia. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119622.	10.8	108
4	Transition-Metal Oxynitride: A Facile Strategy for Improving Electrochemical Capacitor Storage. <i>Advanced Materials</i> , 2019, 31, e1806088.	11.1	91
5	Band gap-Tunable Porous Borocarbonitride Nanosheets for High Energy-Density Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19588-19597.	4.0	86
6	High-Energy Density Li-Ion Capacitor with Layered SnS ₂ /Reduced Graphene Oxide Anode and BCN Nanosheet Cathode. <i>Advanced Energy Materials</i> , 2020, 10, 1902836.	10.2	84
7	Self-Supporting GaN Nanowires/Graphite Paper: Novel High-Performance Flexible Supercapacitor Electrodes. <i>Small</i> , 2017, 13, 1603330.	5.2	70
8	Phase-transformation engineering in MoS ₂ on carbon cloth as flexible binder-free anode for enhancing lithium storage. <i>Journal of Alloys and Compounds</i> , 2017, 716, 112-118.	2.8	66
9	Oxygen Vacancy Modulation of Bimetallic Oxynitride Anodes toward Advanced Li-Ion Capacitors. <i>Advanced Functional Materials</i> , 2020, 30, 2000350.	7.8	48
10	Reduced graphene oxide grafted by the polymer of polybromopyrroles for nanocomposites with superior performance for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21257-21268.	5.2	47
11	Elastic sandwich-type GaN/MnO ₂ /MnON composites for flexible supercapacitors with high energy density. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13215-13224.	5.2	45
12	Ultrasonic-Ball Milling: A Novel Strategy to Prepare Large-Size Ultrathin 2D Materials. <i>Small</i> , 2020, 16, e1906734.	5.2	45
13	A vanadium-nickel oxynitride layer for enhanced electrocatalytic nitrogen fixation in neutral media. <i>Journal of Materials Chemistry A</i> , 2020, 8, 91-96.	5.2	42
14	Two-dimensional wide band-gap nitride semiconductor GaN and AlN materials: properties, fabrication and applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 17201-17232.	2.7	40
15	One-step fabrication of porous GaN crystal membrane and its application in energy storage. <i>Scientific Reports</i> , 2017, 7, 44063.	1.6	38
16	Hollow submicrospheres of trimetallic selenides for high-capacity lithium and sodium ion batteries. <i>Chemical Engineering Journal</i> , 2021, 405, 126724.	6.6	38
17	From bulk to porous GaN crystal: precise structural control and its application in ultraviolet photodetectors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14116-14122.	2.7	33
18	High performance lithium-ion capacitors based on LiNbO ₃ -arched 3D graphene aerogel anode and BCNNT cathode with enhanced kinetics match. <i>Chemical Engineering Journal</i> , 2020, 396, 125207.	6.6	29

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19	Insight into Nickel–Cobalt Oxysulfide Nanowires as Advanced Anode for Sodium–Ion Capacitors. <i>Advanced Energy Materials</i> , 2021, 11, 2100408.	10.2	25
20	Hollow Triple-Layer Puff-like HCs@Si@C Composites with High Structural Stability for High-Performance Lithium-Ion Battery. <i>ACS Applied Energy Materials</i> , 2019, 2, 896-904.	2.5	23
21	Thermal Cyclodebromination of Polybromopyrroles to Polymer with High Performance for Supercapacitor. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3881-3891.	1.5	22
22	Lithium-ion capacitor with improved energy density <i>via</i> perfect matching silicon@3D graphene aerogel anode and BCNNTs cathode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1134-1142.	5.2	21
23	Boron Carbonitride Lithium-Ion Capacitors with an Electrostatically Expanded Operating Voltage Window. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47425-47434.	4.0	20
24	Carbon-Free Crystal-like Fe _{1-x} S as an Anode for Potassium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55218-55226.	4.0	18
25	Enhanced performance of supercapacitors by constructing a mini parallel-plate capacitor in an electrode with high dielectric constant materials. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16661-16668.	5.2	14
26	Construction of Novel Bimetallic Oxyphosphide as Advanced Anode for Potassium Ion Hybrid Capacitor. <i>Advanced Science</i> , 2022, 9, e2105193.	5.6	14
27	Valence modulated nickel oxynitride network as integrated bifunctional electrodes for enhanced energy storage. <i>Journal of Energy Chemistry</i> , 2021, 56, 56-63.	7.1	12