Shouzhi Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Threeâ€Dimensional MoS ₂ @CNT/RGO Network Composites for Highâ€Performance Flexible Supercapacitors. Chemistry - A European Journal, 2017, 23, 3438-3446.	3.3	166
2	Gallium Nitride Crystals: Novel Supercapacitor Electrode Materials. Advanced Materials, 2016, 28, 3768-3776.	21.0	136
3	Metal-free boron carbonitride with tunable boron Lewis acid sites for enhanced nitrogen electroreduction to ammonia. Applied Catalysis B: Environmental, 2021, 283, 119622.	20.2	108
4	Transitionâ€Metal Oxynitride: A Facile Strategy for Improving Electrochemical Capacitor Storage. Advanced Materials, 2019, 31, e1806088.	21.0	91
5	Band gap-Tunable Porous Borocarbonitride Nanosheets for High Energy-Density Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 19588-19597.	8.0	86
6	Highâ€Energy Density Liâ€lon Capacitor with Layered SnS ₂ /Reduced Graphene Oxide Anode and BCN Nanosheet Cathode. Advanced Energy Materials, 2020, 10, 1902836.	19.5	84
7	Self‣upporting GaN Nanowires/Graphite Paper: Novel Highâ€Performance Flexible Supercapacitor Electrodes. Small, 2017, 13, 1603330.	10.0	70
8	Phase-transformation engineering in MoS 2 on carbon cloth as flexible binder-free anode for enhancing lithium storage. Journal of Alloys and Compounds, 2017, 716, 112-118.	5.5	66
9	Oxygen Vacancy Modulation of Bimetallic Oxynitride Anodes toward Advanced Liâ€Ion Capacitors. Advanced Functional Materials, 2020, 30, 2000350.	14.9	48
10	Reduced graphene oxide grafted by the polymer of polybromopyrroles for nanocomposites with superior performance for supercapacitors. Journal of Materials Chemistry A, 2015, 3, 21257-21268.	10.3	47
11	Elastic sandwich-type GaN/MnO ₂ /MnON composites for flexible supercapacitors with high energy density. Journal of Materials Chemistry A, 2018, 6, 13215-13224.	10.3	45
12	Ultrasonicâ€Ball Milling: A Novel Strategy to Prepare Largeâ€ S ize Ultrathin 2D Materials. Small, 2020, 16, e1906734.	10.0	45
13	A vanadium–nickel oxynitride layer for enhanced electrocatalytic nitrogen fixation in neutral media. Journal of Materials Chemistry A, 2020, 8, 91-96.	10.3	42
14	Two-dimensional wide band-gap nitride semiconductor GaN and AlN materials: properties, fabrication and applications. Journal of Materials Chemistry C, 2021, 9, 17201-17232.	5.5	40
15	One-step fabrication of porous GaN crystal membrane and its application in energy storage. Scientific Reports, 2017, 7, 44063.	3.3	38
16	Hollow submicrospheres of trimetallic selenides for high-capacity lithium and sodium ion batteries. Chemical Engineering Journal, 2021, 405, 126724.	12.7	38
17	From bulk to porous GaN crystal: precise structural control and its application in ultraviolet photodetectors. Journal of Materials Chemistry C, 2019, 7, 14116-14122.	5.5	33
18	High performance lithium-ion capacitors based on LiNbO3-arched 3D graphene aerogel anode and BCNNT cathode with enhanced kinetics match. Chemical Engineering Journal, 2020, 396, 125207.	12.7	29

SHOUZHI WANG

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19	Insight into Nickelâ€Cobalt Oxysulfide Nanowires as Advanced Anode for Sodiumâ€lon Capacitors. Advanced Energy Materials, 2021, 11, 2100408.	19.5	25
20	Hollow Triple-Layer Puff-like HCs@Si@C Composites with High Structural Stability for High-Performance Lithium-Ion Battery. ACS Applied Energy Materials, 2019, 2, 896-904.	5.1	23
21	Thermal Cyclodebromination of Polybromopyrroles to Polymer with High Performance for Supercapacitor. Journal of Physical Chemistry C, 2015, 119, 3881-3891.	3.1	22
22	Lithium-ion capacitor with improved energy density <i>via</i> perfect matching silicon@3D graphene aerogel anode and BCNNTs cathode. Journal of Materials Chemistry A, 2021, 9, 1134-1142.	10.3	21
23	Boron Carbonitride Lithium-Ion Capacitors with an Electrostatically Expanded Operating Voltage Window. ACS Applied Materials & Interfaces, 2020, 12, 47425-47434.	8.0	20
24	Carbon-Free Crystal-like Fe _{1–<i>x</i>} S as an Anode for Potassium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 55218-55226.	8.0	18
25	Enhanced performance of supercapacitors by constructing a "mini parallel-plate capacitor―in an electrode with high dielectric constant materials. Journal of Materials Chemistry A, 2020, 8, 16661-16668.	10.3	14
26	Construction of Novel Bimetallic Oxyphosphide as Advanced Anode for Potassium Ion Hybrid Capacitor. Advanced Science, 2022, 9, e2105193.	11.2	14
27	Valence modulated nickel oxynitride network as integrated bifunctional electrodes for enhanced energy storage. Journal of Energy Chemistry, 2021, 56, 56-63.	12.9	12