

Tao Liu

List of Publications by Year in descending order

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27
papers

2,602
citations

448610

19
h-index

620720

26
g-index

27
all docs

27
docs citations

27
times ranked

3445
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfide-Based Nickel-Plated Fabrics for Foldable Quasi-Solid-State Supercapacitors. <i>Energy and Environmental Materials</i> , 2022, 5, 883-891.	7.3	19
2	Sandwich-Shell Structured $\text{CoMn}_2\text{O}_4/\text{C}$ Hollow Nanospheres for Performance-Enhanced Sodium-Ion Hybrid Supercapacitor. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	101
3	Nickel-cobalt selenide@N-doped carbon towards high-performance anode materials for sodium-ion batteries. <i>Journal of Energy Storage</i> , 2022, 51, 104522.	3.9	19
4	A Comparative Study of Cobalt Chalcogenides as the Electrode Materials on Lithium-Sulfur Battery Performance. <i>Small Methods</i> , 2022, 6, e2101269.	4.6	14
5	Graphene oxide-based modified electrodes for high-performance supercapacitors. , 2022, , 239-266.		0
6	Synthesis of reduced graphene oxide supported nickel-cobalt-layered double hydroxide nanosheets for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 637-645.	5.0	156
7	Core-Shell Structured $\text{C}@\text{SiO}_2$ Hollow Spheres Decorated with Nickel Nanoparticles as Anode Materials for Lithium-Ion Batteries. <i>Small</i> , 2021, 17, e2103673.	5.2	43
8	ZIF-67 derived nickel cobalt sulfide hollow cages for high-performance supercapacitors. <i>Applied Surface Science</i> , 2020, 504, 144501.	3.1	107
9	Holey Graphene for Electrochemical Energy Storage. <i>Cell Reports Physical Science</i> , 2020, 1, 100215.	2.8	58
10	Construction of nickel cobalt sulfide nanosheet arrays on carbon cloth for performance-enhanced supercapacitor. <i>Journal of Materials Science and Technology</i> , 2020, 47, 113-121.	5.6	160
11	MnCo Oxides Supported on Carbon Fibers for High-Performance Supercapacitors. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, 36, 1907072-0.	2.2	16
12	Core-shell structured Ni_6MnO_8 @carbon nanotube hybrid as high-performance pseudocapacitive electrode material. <i>Electrochimica Acta</i> , 2019, 320, 134627.	2.6	12
13	NiCo_2S_4 Nanotubes Anchored 3D Nitrogen-Doped Graphene Framework as Electrode Material with Enhanced Performance for Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11157-11165.	3.2	73
14	OD/2D $(\text{Fe}_{0.5}\text{Ni}_{0.5})\text{S}_2/\text{rGO}$ nanocomposite with enhanced supercapacitor and lithium ion battery performance. <i>Journal of Power Sources</i> , 2019, 426, 266-274.	4.0	54
15	Hollow Carbon Spheres and Their Hybrid Nanomaterials in Electrochemical Energy Storage. <i>Advanced Energy Materials</i> , 2019, 9, 1803900.	10.2	220
16	N-doped graphene framework supported nickel cobalt oxide as supercapacitor electrode with enhanced performance. <i>Applied Surface Science</i> , 2019, 484, 135-143.	3.1	43
17	Nickel-based materials for supercapacitors. <i>Materials Today</i> , 2019, 25, 35-65.	8.3	247
18	Core-Shell Nitrogen-Doped Carbon Hollow Spheres/ Co_3O_4 Nanosheets as Advanced Electrode for High-Performance Supercapacitor. <i>Small</i> , 2018, 14, e1702407.	5.2	309

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19	Fabrication of a hierarchical NiO/C hollow sphere composite and its enhanced supercapacitor performance. <i>Chemical Communications</i> , 2018, 54, 3731-3734.	2.2	140
20	Toward highly stable solid-state unconventional thin-film battery-supercapacitor hybrid devices: Interfacing vertical core-shell array electrodes with a gel polymer electrolyte. <i>Journal of Power Sources</i> , 2017, 342, 1006-1016.	4.0	11
21	Hierarchical hollow cages of Mn-Co layered double hydroxide as supercapacitor electrode materials. <i>Applied Surface Science</i> , 2017, 413, 35-40.	3.1	98
22	Hierarchical porous C/MnO ₂ composite hollow microspheres with enhanced supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8635-8643.	5.2	174
23	Hierarchical NiS/N-doped carbon composite hollow spheres with excellent supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21257-21265.	5.2	174
24	Hierarchical flower-like C/NiO composite hollow microspheres and its excellent supercapacitor performance. <i>Journal of Power Sources</i> , 2017, 359, 371-378.	4.0	154
25	Thermostable gel polymer electrolyte based on succinonitrile and ionic liquid for high-performance solid-state supercapacitors. <i>Journal of Power Sources</i> , 2016, 328, 510-519.	4.0	123
26	Mesoporous Hybrids of Reduced Graphene Oxide and Vanadium Pentoxide for Enhanced Performance in Lithium-Ion Batteries and Electrochemical Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9200-9210.	4.0	70
27	Thermal stability and thermal degradation kinetic study of bismaleimide-epoxy modified novolac resin. <i>Composite Interfaces</i> , 2012, 19, 461-473.	1.3	7