

Liujun Cao

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,819
citations

623734

14
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

3452
citing authors

#	ARTICLE	IF	CITATIONS
1	Unlocking Zinc-Ion Energy Storage Performance of Onion-Like Carbon by Promoting Heteroatom Doping Strategy. ACS Applied Materials & Interfaces, 2022, 14, 9013-9023.	8.0	27
2	Oxygen/fluorine-functionalized flexible carbon electrodes for high-performance and anti-self-discharge Zn-ion hybrid capacitors. Journal of Power Sources, 2022, 538, 231586.	7.8	15
3	Scalable syntheses of three-dimensional graphene nanoribbon aerogels from bacterial cellulose for supercapacitors. Nanotechnology, 2020, 31, 095403.	2.6	6
4	Ni ₃ Se ₂ /NiSe ₂ heterostructure nanoforests as an efficient bifunctional electrocatalyst for high-capacity and long-life Li-O ₂ batteries. Journal of Power Sources, 2020, 468, 228308.	7.8	38
5	Mn ₃ O ₄ nanoflakes/rGO composites with moderate pore size and (O=)C-O-Mn bond for enhanced supercapacitor performance. Journal of Alloys and Compounds, 2020, 830, 154637.	5.5	57
6	Mesh-Like Carbon Nanosheets with High-Level Nitrogen Doping for High-Energy Dual-Carbon Lithium-Ion Capacitors. Small, 2019, 15, e1805173.	10.0	68
7	A novel high energy hybrid Li-ion capacitor with a three-dimensional hierarchical ternary nanostructure of hydrogen-treated TiO ₂ nanoparticles/conductive polymer/carbon nanotubes anode and an activated carbon cathode. Journal of Power Sources, 2017, 355, 1-7.	7.8	47
8	Construct hierarchical electrode with Ni _x Co _{3-x} S ₄ nanosheet coated on NiCo ₂ O ₄ nanowire arrays grown on carbon fiber paper for high-performance asymmetric supercapacitors. Journal of Power Sources, 2017, 359, 262-269.	7.8	117
9	Liquid-phase exfoliation of NH ₄ Co _{0.4} Ni _{0.6} PO ₄ ·H ₂ O for energy storage device. Journal of Alloys and Compounds, 2017, 701, 67-74.	5.5	17
10	Hierarchical structures of nickel, cobalt-based nanosheets and iron oxyhydroxide nanorods arrays for electrochemical capacitors. Electrochimica Acta, 2015, 161, 137-143.	5.2	48
11	Porous structure design of carbon xerogels for advanced supercapacitor. Applied Energy, 2015, 153, 32-40.	10.1	44
12	The impact of morphologies and electrolyte solutions on the supercapacitive behavior for Fe ₂ O ₃ and the charge storage mechanism. Electrochimica Acta, 2015, 178, 171-178.	5.2	37
13	Vertically aligned cobalt oxide nanowires on graphene networks for high-performance lithium storage. Nanotechnology, 2014, 25, 445704.	2.6	10
14	Ni-Co sulfide nanowires on nickel foam with ultrahigh capacitance for asymmetric supercapacitors. Journal of Materials Chemistry A, 2014, 2, 6540-6548.	10.3	411
15	Ultrathin single-crystalline vanadium pentoxide nanoribbon constructed 3D networks for superior energy storage. Journal of Materials Chemistry A, 2014, 2, 13136-13142.	10.3	78
16	Building 3D Structures of Vanadium Pentoxide Nanosheets and Application as Electrodes in Supercapacitors. Nano Letters, 2013, 13, 5408-5413.	9.1	343
17	Direct Laser-Patterned Micro-Supercapacitors from Paintable MoS ₂ Films. Small, 2013, 9, 2905-2910.	10.0	455