Jianâ€Fei Gao

List of Publications by Year
in descending order

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31	379	840776 11	839539 18
papers	citations	h-index	g-index

31	31	31	310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoflower Architecture NiGa₂O₄ with a Spinel Structure Modified by 2D Layered RGO for Enhanced Li-Ion Battery Anode Performance. Energy & Fuels, 2022, 36, 2149-2158.	5.1	5
2	Brookite phase vanadium dioxide (B) with nanosheet structure for superior rate capability aqueous Zn-ion batteries. Journal of Electroanalytical Chemistry, 2022, 907, 116039.	3.8	7
3	New Findings of Pseudocapacitive Behaviors in Cupric Tungstate Dihydrate. Journal of Physical Chemistry C, 2022, 126, 3853-3863.	3.1	0
4	Engineering novel Ni2-XCoxP structures for high performance lithium-ion storage. Energy Storage Materials, 2022, 48, 20-34.	18.0	13
5	Modification of ultra-micropore dominated carbon by O/N-containing functional groups grafted for enhanced supercapacitor performances. Dalton Transactions, 2021, 50, 10471-10481.	3.3	1
6	Crystal Phase-Controlled Synthesis of the CoP@Co₂P Heterostructure with 3D Nanowire Networks for High-Performance Li-Ion Capacitor Applications. ACS Applied Materials & Interfaces, 2021, 13, 10071-10088.	8.0	39
7	Regulation of the mesopore proportion of porous carbon for optimizing the performance of electric double layer capacitors. Journal of Energy Storage, 2021, 35, 102299.	8.1	5
8	Crystalline Co₂V₃O₈@Amorphous Coâ^'B Coreâ€Shell Nanoâ€Microsphere: Tunable Shell Layer Thickness, Faradaic Pseudocapacitive Mechanism, and Electrochemical Capacitor Applications. Batteries and Supercaps, 2021, 4, 948-959.	4.7	6
9	Amorphous Cobalt Boride Alloy Synthesized by Liquid Phase Methods as Electrode Materials for Electrochemical Capacitors. Particle and Particle Systems Characterization, 2021, 38, 2100020.	2.3	7
10	Iron Gallium Oxide with High-Capacity and Super-Rate Performance as New Anode Materials for Li-Ion Capacitors. Energy & Fuels, 2021, 35, 8378-8386.	5.1	13
11	A crystalline nickel vanadium oxide@amorphous cobalt boride nanocomposites with enhanced specific capacity for hybrid supercapacitors. Electrochimica Acta, 2021, 377, 138086.	5.2	19
12	Improving the stable Li+ storage performance by embedding reduced graphene oxide into cobalt gallium oxide as anode for Li-ion capacitor applications. Ionics, 2021, 27, 4153-4165.	2.4	5
13	Pure Cu particle obtained by ammonia reduction reaction: A new class of electrodes for hybrid supercapacitors. Journal of Energy Storage, 2021, 39, 102636.	8.1	3
14	Metallic Co: A promising electrode materials to boost electrochemical performances of Co3O4 for energy storage. Journal of Electroanalytical Chemistry, 2021, 895, 115496.	3.8	1
15	Constructing Highâ€Performance Liâ€ion Capacitors via Cobalt Fluoride with Excellent Cyclic Stability as Anode and Coconut Shell Biomassâ€Derived Carbon as Cathode Materials. ChemistrySelect, 2021, 6, 8349-8360.	1.5	6
16	Realizing high-performance and low-cost lithium-ion capacitor by regulating kinetic matching between ternary nickel cobalt phosphate microspheres anode with ultralong-life and super-rate performance and watermelon peel biomass-derived carbon cathode. Journal of Colloid and Interface Science, 2021, 598, 283-301.	9.4	18
17	Solid-state phase transformation of NiO into metallic Ni via ammonia reduction reaction for hybrid supercapacitors. Synthetic Metals, 2021, 281, 116899.	3.9	4
18	Enhancing the Kinetic Process in Biphasic Crystalline NiWO₄/Amorphous Coâ€B Electrode Materials toward Energy Storage with Ultrahigh Rate Performance. Chemistry - an Asian Journal, 2021, 16, 4130-4136.	3.3	8

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19	Nickel Fluoride Nanorods as Anode Materials for Li-Ion Hybrid Capacitors. ACS Applied Nano Materials, 2021, 4, 11601-11610.	5.0	8
20	Manganese fluoride as non-battery type anode for high performance Li-ion capacitors. Journal of Energy Storage, 2021, , 103594.	8.1	2
21	Polycationic bimetallic oxide CoGa2O4 with spinel structure: dominated pseudocapacitance, dual-energy storage mechanism, and Li-ion hybrid supercapacitor application. Ionics, 2020, 26, 1379-1388.	2.4	21
22	Design of Ultraâ€Microporous Carbons by Interpenetrating MF Prepolymer into PAAS Networks at Molecule Level for Enhanced Electrochemical Performance. ChemElectroChem, 2020, 7, 476-485.	3.4	6
23	Interfacial Engineering in Crystalline Cobalt Tungstate/Amorphous Cobalt Boride Heterogeneous Nanostructures for Enhanced Electrochemical Performances. ACS Applied Energy Materials, 2020, 3, 11470-11479.	5.1	29
24	Design and Synthesis of CoP/r-GO Hierarchical Architecture: Dominated Pseudocapacitance, Fasted Kinetics Features, and Li-Ion Capacitor Applications. ACS Applied Energy Materials, 2020, 3, 5448-5461.	5.1	31
25	The investigations of pyrophosphate CoNiP2O7 produced by hydrothermal process: a high-performance anode electrode material for Li-ion hybrid capacitor. Ionics, 2020, 26, 2989-3001.	2.4	10
26	Boosting the performance of cobalt molybdate nanorods by introducing nanoflake-like cobalt boride to form a heterostructure for aqueous hybrid supercapacitors. Journal of Colloid and Interface Science, 2020, 565, 388-399.	9.4	26
27	Liquid phase reduction synthesis of a cobalt borideâ€“activated carbon composite with improved specific capacitance and retention rate as a new positive electrode material for supercapacitors. New Journal of Chemistry, 2019, 43, 14475-14484.	2.8	20
28	NiGa₂O₄ Nanosheets in a Microflower Architecture as Anode Materials for Li-Ion Capacitors. ACS Applied Nano Materials, 2019, 2, 6238-6248.	5.0	16
29	Templateâ€Induced Selfâ€Activation Route for Hierarchical Porous Carbon Derived from Interpenetrating Polymer Networks as Electrode Material for Supercapacitors. ChemElectroChem, 2019, 6, 2648-2658.	3.4	16
30	A Novel Capacitive Negative Electrode Material of Fe₃N. Nano, 2018, 13, 1850002.	1.0	12
31	Solid-phase synthesis and electrochemical pseudo-capacitance of nitrogen-atom interstitial compound Co₃N. Sustainable Energy and Fuels, 2018, 2, 1178-1188.	4.9	22