

Jianfei Gao

List of Publications by Year in descending order

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papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Nanoflower Architecture NiGa ₂ O ₄ with a Spinel Structure Modified by 2D Layered RGO for Enhanced Li-Ion Battery Anode Performance. <i>Energy & Fuels</i> , 2022, 36, 2149-2158.	2.5	5
2	Brookite phase vanadium dioxide (B) with nanosheet structure for superior rate capability aqueous Zn-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2022, 907, 116039.	1.9	7
3	New Findings of Pseudocapacitive Behaviors in Cupric Tungstate Dihydrate. <i>Journal of Physical Chemistry C</i> , 2022, 126, 3853-3863.	1.5	0
4	Engineering novel Ni ₂ -XCoxP structures for high performance lithium-ion storage. <i>Energy Storage Materials</i> , 2022, 48, 20-34.	9.5	13
5	Modification of ultra-micropore dominated carbon by O/N-containing functional groups grafted for enhanced supercapacitor performances. <i>Dalton Transactions</i> , 2021, 50, 10471-10481.	1.6	1
6	Crystal Phase-Controlled Synthesis of the CoP@Co ₂ P Heterostructure with 3D Nanowire Networks for High-Performance Li-Ion Capacitor Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10071-10088.	4.0	39
7	Regulation of the mesopore proportion of porous carbon for optimizing the performance of electric double layer capacitors. <i>Journal of Energy Storage</i> , 2021, 35, 102299.	3.9	5
8	Crystalline Co ₂ V ₃ O ₈ @Amorphous Co ^B Core-Shell Nano-Microsphere: Tunable Shell Layer Thickness, Faradaic Pseudocapacitive Mechanism, and Electrochemical Capacitor Applications. <i>Batteries and Supercaps</i> , 2021, 4, 948-959.	2.4	6
9	Amorphous Cobalt Boride Alloy Synthesized by Liquid Phase Methods as Electrode Materials for Electrochemical Capacitors. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2100020.	1.2	7
10	Iron Gallium Oxide with High-Capacity and Super-Rate Performance as New Anode Materials for Li-Ion Capacitors. <i>Energy & Fuels</i> , 2021, 35, 8378-8386.	2.5	13
11	A crystalline nickel vanadium oxide@amorphous cobalt boride nanocomposites with enhanced specific capacity for hybrid supercapacitors. <i>Electrochimica Acta</i> , 2021, 377, 138086.	2.6	19
12	Improving the stable Li ⁺ storage performance by embedding reduced graphene oxide into cobalt gallium oxide as anode for Li-ion capacitor applications. <i>Ionics</i> , 2021, 27, 4153-4165.	1.2	5
13	Pure Cu particle obtained by ammonia reduction reaction: A new class of electrodes for hybrid supercapacitors. <i>Journal of Energy Storage</i> , 2021, 39, 102636.	3.9	3
14	Metallic Co: A promising electrode materials to boost electrochemical performances of Co ₃ O ₄ for energy storage. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115496.	1.9	1
15	Constructing High-Performance Li-ion Capacitors via Cobalt Fluoride with Excellent Cyclic Stability as Anode and Coconut Shell Biomass-Derived Carbon as Cathode Materials. <i>ChemistrySelect</i> , 2021, 6, 8349-8360.	0.7	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. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 283-301.	5.0	18
17	Solid-state phase transformation of NiO into metallic Ni via ammonia reduction reaction for hybrid supercapacitors. <i>Synthetic Metals</i> , 2021, 281, 116899.	2.1	4
18	Enhancing the Kinetic Process in Biphasic Crystalline NiWO ₄ /Amorphous Co ^B Electrode Materials toward Energy Storage with Ultrahigh Rate Performance. <i>Chemistry - an Asian Journal</i> , 2021, 16, 4130-4136.	1.7	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.	2.4	8
20	Manganese fluoride as non-battery type anode for high performance Li-ion capacitors. Journal of Energy Storage, 2021, , 103594.	3.9	2
21	Polycationic bimetallic oxide CoGa ₂ O ₄ with spinel structure: dominated pseudocapacitance, dual-energy storage mechanism, and Li-ion hybrid supercapacitor application. Ionics, 2020, 26, 1379-1388.	1.2	21
22	Design of Ultra-Microporous Carbons by Interpenetrating MF Prepolymer into PAAS Networks at Molecule Level for Enhanced Electrochemical Performance. ChemElectroChem, 2020, 7, 476-485.	1.7	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.	2.5	29
24	Design and Synthesis of CoP/r-GO Hierarchical Architecture: Dominated Pseudocapacitance, Fast Kinetics Features, and Li-Ion Capacitor Applications. ACS Applied Energy Materials, 2020, 3, 5448-5461.	2.5	31
25	The investigations of pyrophosphate CoNiP ₂ O ₇ produced by hydrothermal process: a high-performance anode electrode material for Li-ion hybrid capacitor. Ionics, 2020, 26, 2989-3001.	1.2	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.	5.0	26
27	Liquid phase reduction synthesis of a cobalt boride-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.	1.4	20
28	NiGa ₂ O ₄ Nanosheets in a Microflower Architecture as Anode Materials for Li-Ion Capacitors. ACS Applied Nano Materials, 2019, 2, 6238-6248.	2.4	16
29	Template-Induced Self-Activation Route for Hierarchical Porous Carbon Derived from Interpenetrating Polymer Networks as Electrode Material for Supercapacitors. ChemElectroChem, 2019, 6, 2648-2658.	1.7	16
30	A Novel Capacitive Negative Electrode Material of Fe ₃ N. Nano, 2018, 13, 1850002.	0.5	12
31	Solid-phase synthesis and electrochemical pseudo-capacitance of nitrogen-atom interstitial compound Co ₃ N. Sustainable Energy and Fuels, 2018, 2, 1178-1188.	2.5	22