

Liu Wan

List of Publications by Year in descending order

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30
papers

1,251
citations

448610

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511568

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docs citations

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times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Freestanding trimetallic Fe-Co-Ni phosphide nanosheet arrays as an advanced electrode for high-performance asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 79-89.	5.0	42
2	Alkaline-carbonate-templated carbon: Effect of template nature on morphology, oxygen species and supercapacitor performances. <i>Applied Surface Science</i> , 2022, 575, 151771.	3.1	17
3	NiAlP@Cobalt substituted nickel carbonate hydroxide heterostructure engineered for enhanced supercapacitor performance. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 1-11.	5.0	16
4	Design of mesoporous Ni-Co hydroxides nanosheets stabilized by BO ₂ - for pseudocapacitors with superior performance. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 66-74.	5.0	8
5	Nickel cobalt sulfide coated iron nickel selenide hierarchical nanosheet arrays toward high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 355-366.	5.0	27
6	1D-on-1D core-shell cobalt iron selenide @ cobalt nickel carbonate hydroxide hybrid nanowire arrays as advanced battery-type supercapacitor electrode. <i>Journal of Colloid and Interface Science</i> , 2022, 621, 149-159.	5.0	18
7	A free-standing Ni-Mn-S@NiCo ₂ S ₄ core-shell heterostructure on carbon cloth for high-energy flexible supercapacitors. <i>Electrochimica Acta</i> , 2021, 368, 137579.	2.6	56
8	Effect of conjugation level on the performance of porphyrin polymer based supercapacitors. <i>Journal of Energy Storage</i> , 2021, 34, 102018.	3.9	47
9	Synthesis of faradaic-active N,O-doped carbon nanosheets from m-trihydroxybenzene and piperazine for high-performance supercapacitor. <i>Applied Surface Science</i> , 2021, 538, 148040.	3.1	33
10	Coordinative template catalyzed/templated nanocarbon with ultrahigh mesoporosity for high-performance aqueous supercapacitor. <i>Journal of Materials Science</i> , 2021, 56, 5748-5759.	1.7	8
11	High-Volumetric Supercapacitor Performance of Ordered Mesoporous Carbon Electrodes Enabled by the Faradaic-Active Nitrogen Doping and Decrease of Microporosity. <i>ACS Applied Energy Materials</i> , 2021, 4, 1840-1850.	2.5	94
12	Oxidative-polymerization and deoxygenation of mixed phenols to faradaic-oxygen modified mesoporous carbon and its supercapacitive performances. <i>Journal of Energy Storage</i> , 2021, 34, 102198.	3.9	13
13	Designing FeCoP@NiCoP heterostructured nanosheets with superior electrochemical performance for hybrid supercapacitors. <i>Journal of Power Sources</i> , 2021, 506, 230096.	4.0	35
14	Superhydrophilicity and ultrahigh-rate supercapacitor performances enabled by mesoporous carbon doped with conjugated hydroxyl. <i>Journal of Energy Storage</i> , 2021, 43, 103296.	3.9	36
15	Rational synthesis of CoFeP@nickel-manganese sulfide core-shell nanoarrays for hybrid supercapacitors. <i>Dalton Transactions</i> , 2021, 50, 17181-17193.	1.6	8
16	Fabrication of core-shell NiMoO ₄ @MoS ₂ nanorods for high-performance asymmetric hybrid supercapacitors. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 4521-4533.	3.8	44
17	Template-assisted construction of N,O-doped mesoporous carbon nanosheet from hydroxyquinoline-Zn complex for high-performance aqueous symmetric supercapacitor. <i>Applied Surface Science</i> , 2020, 509, 144921.	3.1	63
18	Enhancing the energy density of supercapacitors by introducing nitrogen species into hierarchical porous carbon derived from camellia pollen. <i>Ionics</i> , 2020, 26, 2549-2561.	1.2	10

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19	Pyridine-based hypercrosslinked polymers as support materials for palladium photocatalysts and their application in Suzuki–Miyaura coupling reactions. <i>New Journal of Chemistry</i> , 2020, 44, 15202-15208.	1.4	20
20	Template induced self-oxidative polymerization of phenols to mesoporous carbon doped with faradaic active oxygen for high-performance supercapacitor. <i>Microporous and Mesoporous Materials</i> , 2020, 307, 110510.	2.2	17
21	Construction of FeNiP@CoNi-layered double hydroxide hybrid nanosheets on carbon cloth for high energy asymmetric supercapacitors. <i>Journal of Power Sources</i> , 2020, 465, 228293.	4.0	79
22	In situ grown NiFeP@NiCo ₂ S ₄ nanosheet arrays on carbon cloth for asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 399, 125778.	6.6	88
23	A novel strategy to prepare N, S-codoped porous carbons derived from barley with high surface area for supercapacitors. <i>Applied Surface Science</i> , 2020, 518, 146265.	3.1	47
24	Facile synthesis of nitrogen self-doped hierarchical porous carbon derived from pine pollen via MgCO ₃ activation for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2019, 438, 227013.	4.0	81
25	One-step synthesis of N, S-codoped porous graphitic carbon derived from lotus leaves for high-performance supercapacitors. <i>Ionics</i> , 2019, 25, 4891-4903.	1.2	17
26	Redox-active mesoporous carbon nanosheet with rich cracks for high-performance electrochemical energy storage. <i>Journal of Alloys and Compounds</i> , 2019, 794, 247-254.	2.8	36
27	Nitrogen, sulfur co-doped hierarchically porous carbon from rape pollen as high-performance supercapacitor electrode. <i>Electrochimica Acta</i> , 2019, 311, 72-82.	2.6	123
28	Multi-heteroatom-doped hierarchical porous carbon derived from chestnut shell with superior performance in supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 790, 760-771.	2.8	69
29	Constructing porous organic polymer with hydroxyquinoline as electrochemical-active unit for high-performance supercapacitor. <i>Polymer</i> , 2019, 162, 43-49.	1.8	44
30	Novel ZnMoO ₄ /reduced graphene oxide hybrid as a high-performance anode material for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 708, 713-721.	2.8	55