Liu Wan

List of Publications by Year in Descending Order

30 papers	575 citations	14 h-index	23 g-index
30 ext. papers	935 ext. citations	6.8 avg, IF	4.58 L-index

#	Paper	IF	Citations
30	Design of mesoporous Ni-Co hydroxides nanosheets stabilized by BO for pseudocapacitors with superior performance.. *Journal of Colloid and Interface Science*, **2022**, 614, 66-74	9.3	1
29	Nickel cobalt sulfide coated iron nickel selenide hierarchical nanosheet arrays toward high-performance supercapacitors.. *Journal of Colloid and Interface Science*, **2022**, 614, 355-366	9.3	0
28	Freestanding trimetallic Fe-Co-Ni phosphide nanosheet arrays as an advanced electrode for high-performance asymmetric supercapacitors. *Journal of Colloid and Interface Science*, **2022**, 608, 79-89	9.3	5
27	1D-on-1D core-shell cobalt iron selenide @ cobalt nickel carbonate hydroxide hybrid nanowire arrays as advanced battery-type supercapacitor electrode.. *Journal of Colloid and Interface Science*, **2022**, 621, 149-159	9.3	0
26	NiAlP@Cobalt substituted nickel carbonate hydroxide heterostructure engineered for enhanced supercapacitor performance. *Journal of Colloid and Interface Science*, **2021**, 609, 1-11	9.3	1
25	Alkaline-carbonate-templated carbon: Effect of template nature on morphology, oxygen species and supercapacitor performances. *Applied Surface Science*, **2021**, 575, 151771	6.7	0
24	Rational synthesis of CoFeP@nickel-manganese sulfide core-shell nanoarrays for hybrid supercapacitors. *Dalton Transactions*, **2021**, 50, 17181-17193	4.3	1
23	A free-standing NiMnS@NiCo2S4 coreshell heterostructure on carbon cloth for high-energy flexible supercapacitors. *Electrochimica Acta*, **2021**, 368, 137579	6.7	21
22	Effect of conjugation level on the performance of porphyrin polymer based supercapacitors. *Journal of Energy Storage*, **2021**, 34, 102018	7.8	19
21	Synthesis of faradaic-active N,O-doped carbon nanosheets from m-trihydroxybenzene and piperazine for high-performance supercapacitor. *Applied Surface Science*, **2021**, 538, 148040	6.7	13
20	Coordinative template catalyzed/templated nanocarbon with ultrahigh mesoporosity for high-performance aqueous supercapacitor. *Journal of Materials Science*, **2021**, 56, 5748-5759	4.3	3
19	High-Volumetric Supercapacitor Performance of Ordered Mesoporous Carbon Electrodes Enabled by the Faradaic-Active Nitrogen Doping and Decrease of Microporosity. *ACS Applied Energy Materials*, **2021**, 4, 1840-1850	6.1	23
18	Oxidative-polymerization and deoxygenation of mixed phenols to faradaic-oxygen modified mesoporous carbon and its supercapacitive performances. *Journal of Energy Storage*, **2021**, 34, 102198	7.8	8
17	Designing FeCoP@NiCoP heterostructured nanosheets with superior electrochemical performance for hybrid supercapacitors. *Journal of Power Sources*, **2021**, 506, 230096	8.9	8
16	Superhydrophilicity and ultrahigh-rate supercapacitor performances enabled by mesoporous carbon doped with conjugated hydroxyl. *Journal of Energy Storage*, **2021**, 43, 103296	7.8	4
15	Construction of FeNiP@CoNi-layered double hydroxide hybrid nanosheets on carbon cloth for high energy asymmetric supercapacitors. *Journal of Power Sources*, **2020**, 465, 228293	8.9	46
14	In situ grown NiFeP@NiCo2S4 nanosheet arrays on carbon cloth for asymmetric supercapacitors. *Chemical Engineering Journal*, **2020**, 399, 125778	14.7	48

13	A novel strategy to prepare N, S-codoped porous carbons derived from barley with high surface area for supercapacitors. *Applied Surface Science*, **2020**, 518, 146265	6.7	20
12	Fabrication of core-shell NiMoO4@MoS2 nanorods for high-performance asymmetric hybrid supercapacitors. *International Journal of Hydrogen Energy*, **2020**, 45, 4521-4533	6.7	24
11	Template-assisted construction of N,O-doped mesoporous carbon nanosheet from hydroxyquinoline-Zn complex for high-performance aqueous symmetric supercapacitor. *Applied Surface Science*, **2020**, 509, 144921	6.7	27
10	Enhancing the energy density of supercapacitors by introducing nitrogen species into hierarchical porous carbon derived from camellia pollen. *Ionics*, **2020**, 26, 2549-2561	2.7	8
9	Pyridine-based hypercrosslinked polymers as support materials for palladium photocatalysts and their application in SuzukiMiyaura coupling reactions. *New Journal of Chemistry*, **2020**, 44, 15202-15208	3.6	5
8	Template induced self-oxidative polymerization of phenols to mesoporous carbon doped with faradaic active oxygen for high-performance supercapacitor. *Microporous and Mesoporous Materials* , **2020**, 307, 110510	5.3	12
7	One-step synthesis of N, S-codoped porous graphitic carbon derived from lotus leaves for high-performance supercapacitors. *Ionics*, **2019**, 25, 4891-4903	2.7	10
6	Redox-active mesoporous carbon nanosheet with rich cracks for high-performance electrochemical energy storage. *Journal of Alloys and Compounds*, **2019**, 794, 247-254	5.7	18
5	Nitrogen, sulfur co-doped hierarchically porous carbon from rape pollen as high-performance supercapacitor electrode. *Electrochimica Acta*, **2019**, 311, 72-82	6.7	85
4	Multi-heteroatom-doped hierarchical porous carbon derived from chestnut shell with superior performance in supercapacitors. *Journal of Alloys and Compounds*, **2019**, 790, 760-771	5.7	47
3	Facile synthesis of nitrogen self-doped hierarchical porous carbon derived from pine pollen via MgCO3 activation for high-performance supercapacitors. *Journal of Power Sources*, **2019**, 438, 227013	8.9	53
2	Constructing porous organic polymer with hydroxyquinoline as electrochemical-active unit for high-performance supercapacitor. *Polymer*, **2019**, 162, 43-49	3.9	26
1	Novel ZnMoO4/reduced graphene oxide hybrid as a high-performance anode material for lithium ion batteries. *Journal of Alloys and Compounds*, **2017**, 708, 713-721	5.7	39