Wu Xinming

List of Publications by Year
in descending order

33	1,192	430874 18	434195 31
papers	citations	h-index	g-index

33	33	33	1807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced microwave absorption performances of polyaniline/graphene aerogel by covalent bonding. Composites Part B: Engineering, 2019, 169, 221-228.	12.0	284
2	High energy density of two-dimensional MXene/NiCo-LDHs interstratification assembly electrode: Understanding the role of interlayer ions and hydration. Chemical Engineering Journal, 2020, 380, 122456.	12.7	126
3	Highly flexible solid-state supercapacitor based on graphene/polypyrrole hydrogel. Journal of Power Sources, 2017, 362, 184-191.	7.8	93
4	Nano nickel oxide coated graphene/polyaniline composite film with high electrochemical performance for flexible supercapacitor. Electrochimica Acta, 2016, 211, 1066-1075.	5.2	84
5	Wide potential and high energy density for an asymmetric aqueous supercapacitor. Journal of Materials Chemistry A, 2019, 7, 19017-19025.	10.3	79
6	A flexible asymmetric fibered-supercapacitor based on unique Co 3 O 4 @PPy core-shell nanorod arrays electrode. Chemical Engineering Journal, 2017, 327, 193-201.	12.7	71
7	Hydrothermal synthesis of Polypyrrole/MoS2 intercalation composites for supercapacitor electrodes. Ceramics International, 2017, 43, 9877-9883.	4.8	44
8	Interstratification-assembled 2D black phosphorene and V₂CT_x MXene as superior anodes for boosting potassium-ion storage. Journal of Materials Chemistry A, 2020, 8, 12705-12715.	10.3	44
9	Hydrogen bonding of graphene/polyaniline composites film for solid electrochromic devices. Synthetic Metals, 2016, 212, 1-11.	3.9	34
10	Thermally chargeable supercapacitor using a conjugated conducting polymer: Insight into the mechanism of charge-discharge cycle. Chemical Engineering Journal, 2019, 373, 493-500.	12.7	32
11	Enhanced electrochemical performance of hydrogen-bonded graphene/polyaniline for electrochromo-supercapacitor. Journal of Materials Science, 2016, 51, 7731-7741.	3.7	29
12	Synthesis of high conductivity Polyaniline/Ag/graphite nanosheet composites via ultrasonic technique. Journal of Polymer Research, 2010, 17, 751-757.	2.4	28
13	A self-healable asymmetric fibered-supercapacitor integrated in self-supported inorganic nanosheets array and conducting polymer electrodes. Chemical Engineering Journal, 2018, 352, 423-430.	12.7	23
14	A novel inorganic-conductive polymer core-sheath nanowire arrays as bendable electrode for advanced electrochemical energy storage. Chemical Engineering Journal, 2019, 358, 1464-1470.	12.7	22
15	High capacitance of dipicolinic acid-intercalated MXene in neutral water-based electrolyte. Chemical Engineering Journal, 2020, 399, 125850.	12.7	22
16	A high performance asymmetric supercapacitor based on carbon fiber coated with MgCo 2 O 4 nanobrush. Materials Letters, 2017, 206, 71-74.	2.6	21
17	A high-performance asymmetric supercapacitors based on hydrogen bonding nanoflower-like polypyrrole and NiCo(OH)2 electrode materials. Electrochimica Acta, 2019, 295, 655-661.	5.2	21
18	High flexibility and large energy density asymmetric fibered-supercapacitor based on unique NiCo2O4@MnO2 core-shell nanobrush arrays electrode. Electrochimica Acta, 2019, 295, 532-539.	5.2	20

#	Article	IF	Citations
19	A novel and facile step-by-step hydrothermal fabrication of peony-like Ni0.4Co0.6(OH)2 supported on carbon fiber cloth as flexible electrodes for advanced electrochemical energy storage. Solar Energy Materials and Solar Cells, 2018, 174, 325-332.	6.2	18
20	Wide potential window and high capacitance for flexible asymmetric supercapacitor based on Cu2Se nanobrush and hydrangea-like NiCo2O4 microspheres. Chemical Engineering Journal, 2018, 354, 346-350.	12.7	18
21	Electrostaticâ€Assembled MXene@NiAlâ€LDHs Electrodes with 3D Interconnected Networks Architectures for Highâ€Performance Pseudocapacitor Storage. Advanced Materials Interfaces, 2020, 7, 2000831.	3.7	18
22	Preparation of all-solid-state supercapacitor integrated with energy level indicating functionality. Synthetic Metals, 2016, 220, 494-501.	3.9	12
23	Outstanding performance supercapacitor based on the ternary graphene-silver-polypyrrole hybrid nanocomposite fromÂâ˜'45 to 80â€¯Â°C. Materials Chemistry and Physics, 2018, 206, 259-269.	4.0	11
24	Toward understanded the electrochemical capacitance mechanism of MXene by intercalation of inorganic ions and organic macromolecular ions. Applied Surface Science, 2022, 578, 152030.	6.1	10
25	Evaluation of the role of nitrogen atoms in cobalt oxynitride electrodes for flexible asymmetric supercapacitors. Electrochimica Acta, 2020, 353, 136603.	5.2	9
26	Preparation of C@PPy/TiN nanocomposite with excellent cycling stability via a one-step hydrothermal method. Ceramics International, 2016, 42, 15077-15080.	4.8	7
27	A novel and facile step-by-step hydrothermal synthesis of flower-like C@Ni0.7Co0.3(OH)2 for supercapacitors: Understanding the excellent cycling stability. Materials Letters, 2017, 207, 16-20.	2.6	5
28	0CoP-Doped nickel aluminum double hydroxide as superior electrode for boosting pseudocapacitive storage. Electrochimica Acta, 2020, 361, 137092.	5.2	2
29	Multi-adaptability supercapacitor electrolyte based on Na-MMT/PDADMAC and application in wide temperature range. Materials Letters, 2020, 269, 127657.	2.6	2
30	Energy storage mechanism of MXene-Based sodium/potassium titanate for high performance electrode. Ceramics International, 2022, 48, 12875-12883.	4.8	2
31	A kinetic study on conductive polyaniline/graphite nanosheets composites thermal decomposition. Synthetic Metals, 2013, 185-186, 145-152.	3.9	1
32	High-efficiency nanodelamination of NiCoLDHs with hydroquinone as intercalator in universal solvent and physical treatments. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	0
33	Interstratification-assembled 2D montmorillonite and layered double metal hydroxide heterostructure as all-solid-state polyelectrolyte for wide temperature and long-cycling stability supercapacitors. Journal of Materials Science: Materials in Electronics, 2022, 33, 739-758.	2.2	0