

Wu Xinming

List of Publications by Year in descending order

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33
papers

1,192
citations

430874

18
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434195

31
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docs citations

33
times ranked

1807
citing authors

#	ARTICLE	IF	CITATIONS
1	Interstratification-assembled 2D montmorillonite and layered double metal hydroxide heterostructure as all-solid-state polyelectrolyte for wide temperature and long-cycling stability supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 739-758.	2.2	0
2	Toward understood the electrochemical capacitance mechanism of MXene by intercalation of inorganic ions and organic macromolecular ions. <i>Applied Surface Science</i> , 2022, 578, 152030.	6.1	10
3	Energy storage mechanism of MXene-Based sodium/potassium titanate for high performance electrode. <i>Ceramics International</i> , 2022, 48, 12875-12883.	4.8	2
4	High energy density of two-dimensional MXene/NiCo-LDHs interstratification assembly electrode: Understanding the role of interlayer ions and hydration. <i>Chemical Engineering Journal</i> , 2020, 380, 122456.	12.7	126
5	OCOP-Doped nickel aluminum double hydroxide as superior electrode for boosting pseudocapacitive storage. <i>Electrochimica Acta</i> , 2020, 361, 137092.	5.2	2
6	Electrostaticâ€Assembled MXene@NiAlâ€LDHs Electrodes with 3D Interconnected Networks Architectures for Highâ€Performance Pseudocapacitor Storage. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000831.	3.7	18
7	High-efficiency nanodelamination of NiCoLDHs with hydroquinone as intercalator in universal solvent and physical treatments. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	0
8	Evaluation of the role of nitrogen atoms in cobalt oxynitride electrodes for flexible asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2020, 353, 136603.	5.2	9
9	Interstratification-assembled 2D black phosphorene and V₂CT_x MXene as superior anodes for boosting potassium-ion storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12705-12715.	10.3	44
10	High capacitance of dipicolinic acid-intercalated MXene in neutral water-based electrolyte. <i>Chemical Engineering Journal</i> , 2020, 399, 125850.	12.7	22
11	Multi-adaptability supercapacitor electrolyte based on Na-MMT/PDADMAC and application in wide temperature range. <i>Materials Letters</i> , 2020, 269, 127657.	2.6	2
12	Wide potential and high energy density for an asymmetric aqueous supercapacitor. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19017-19025.	10.3	79
13	Thermally chargeable supercapacitor using a conjugated conducting polymer: Insight into the mechanism of charge-discharge cycle. <i>Chemical Engineering Journal</i> , 2019, 373, 493-500.	12.7	32
14	Enhanced microwave absorption performances of polyaniline/graphene aerogel by covalent bonding. <i>Composites Part B: Engineering</i> , 2019, 169, 221-228.	12.0	284
15	A high-performance asymmetric supercapacitors based on hydrogen bonding nanoflower-like polypyrrole and NiCo(OH) ₂ electrode materials. <i>Electrochimica Acta</i> , 2019, 295, 655-661.	5.2	21
16	High flexibility and large energy density asymmetric fibered-supercapacitor based on unique NiCo ₂ O ₄ @MnO ₂ core-shell nanobrush arrays electrode. <i>Electrochimica Acta</i> , 2019, 295, 532-539.	5.2	20
17	A novel inorganic-conductive polymer core-sheath nanowire arrays as bendable electrode for advanced electrochemical energy storage. <i>Chemical Engineering Journal</i> , 2019, 358, 1464-1470.	12.7	22
18	Outstanding performance supercapacitor based on the ternary graphene-silver-polypyrrole hybrid nanocomposite from 45 to 80â€°C. <i>Materials Chemistry and Physics</i> , 2018, 206, 259-269.	4.0	11

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19	A novel and facile step-by-step hydrothermal fabrication of peony-like Ni _{0.4} Co _{0.6} (OH) ₂ supported on carbon fiber cloth as flexible electrodes for advanced electrochemical energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2018, 174, 325-332.	6.2	18
20	A self-healable asymmetric fibered-supercapacitor integrated in self-supported inorganic nanosheets array and conducting polymer electrodes. <i>Chemical Engineering Journal</i> , 2018, 352, 423-430.	12.7	23
21	Wide potential window and high capacitance for flexible asymmetric supercapacitor based on Cu ₂ Se nanobrush and hydrangea-like NiCo ₂ O ₄ microspheres. <i>Chemical Engineering Journal</i> , 2018, 354, 346-350.	12.7	18
22	Hydrothermal synthesis of Polypyrrole/MoS ₂ intercalation composites for supercapacitor electrodes. <i>Ceramics International</i> , 2017, 43, 9877-9883.	4.8	44
23	Highly flexible solid-state supercapacitor based on graphene/polypyrrole hydrogel. <i>Journal of Power Sources</i> , 2017, 362, 184-191.	7.8	93
24	A flexible asymmetric fibered-supercapacitor based on unique Co ₃ O ₄ @PPy core-shell nanorod arrays electrode. <i>Chemical Engineering Journal</i> , 2017, 327, 193-201.	12.7	71
25	A novel and facile step-by-step hydrothermal synthesis of flower-like C@Ni _{0.7} Co _{0.3} (OH) ₂ for supercapacitors: Understanding the excellent cycling stability. <i>Materials Letters</i> , 2017, 207, 16-20.	2.6	5
26	A high performance asymmetric supercapacitor based on carbon fiber coated with MgCo ₂ O ₄ nanobrush. <i>Materials Letters</i> , 2017, 206, 71-74.	2.6	21
27	Enhanced electrochemical performance of hydrogen-bonded graphene/polyaniline for electrochromo-supercapacitor. <i>Journal of Materials Science</i> , 2016, 51, 7731-7741.	3.7	29
28	Preparation of C@PPy/TiN nanocomposite with excellent cycling stability via a one-step hydrothermal method. <i>Ceramics International</i> , 2016, 42, 15077-15080.	4.8	7
29	Preparation of all-solid-state supercapacitor integrated with energy level indicating functionality. <i>Synthetic Metals</i> , 2016, 220, 494-501.	3.9	12
30	Nano nickel oxide coated graphene/polyaniline composite film with high electrochemical performance for flexible supercapacitor. <i>Electrochimica Acta</i> , 2016, 211, 1066-1075.	5.2	84
31	Hydrogen bonding of graphene/polyaniline composites film for solid electrochromic devices. <i>Synthetic Metals</i> , 2016, 212, 1-11.	3.9	34
32	A kinetic study on conductive polyaniline/graphite nanosheets composites thermal decomposition. <i>Synthetic Metals</i> , 2013, 185-186, 145-152.	3.9	1
33	Synthesis of high conductivity Polyaniline/Ag/graphite nanosheet composites via ultrasonic technique. <i>Journal of Polymer Research</i> , 2010, 17, 751-757.	2.4	28