Xiong Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

132 papers	9,689 citations	29994 54 h-index	38300 95 g-index
134 all docs	134 docs citations	134 times ranked	10614 citing authors

#	Article	IF	Citations
1	High performance supercapacitors based on reduced graphene oxide in aqueous and ionic liquid electrolytes. Carbon, 2011, 49, 573-580.	5.4	620
2	Enhanced capacitance and rate capability of graphene/polypyrrole composite as electrode material for supercapacitors. Journal of Power Sources, 2011, 196, 5990-5996.	4.0	528
3	Chemically Crosslinked Hydrogel Film Leads to Integrated Flexible Supercapacitors with Superior Performance. Advanced Materials, 2015, 27, 7451-7457.	11.1	386
4	Rapid hydrothermal synthesis of hierarchical nanostructures assembled from ultrathin birnessite-type MnO2 nanosheets for supercapacitor applications. Electrochimica Acta, 2013, 89, 523-529.	2.6	283
5	Stable dispersions of graphene and highly conducting graphene films: a new approach to creating colloids of graphene monolayers. Chemical Communications, 2009, , 4527.	2.2	256
6	Shape-Controlled Synthesis of 3D Hierarchical MnO₂ Nanostructures for Electrochemical Supercapacitors. Crystal Growth and Design, 2009, 9, 528-533.	1.4	253
7	Electrophoretic deposition of graphene nanosheets on nickel foams for electrochemical capacitors. Journal of Power Sources, 2010, 195, 3031-3035.	4.0	240
8	Flexible Solidâ€State Supercapacitors with Enhanced Performance from Hierarchically Graphene Nanocomposite Electrodes and Ionic Liquid Incorporated Gel Polymer Electrolyte. Advanced Functional Materials, 2018, 28, 1704463.	7.8	239
9	Synthesis of a novel polyaniline-intercalated layered manganese oxide nanocomposite as electrode material for electrochemical capacitor. Journal of Power Sources, 2007, 173, 1017-1023.	4.0	219
10	Recent advances in porous graphene materials for supercapacitor applications. RSC Advances, 2014, 4, 45862-45884.	1.7	213
11	Binder-free 2D titanium carbide (MXene)/carbon nanotube composites for high-performance lithium-ion capacitors. Nanoscale, 2018, 10, 5906-5913.	2.8	212
12	One-Step Electrophoretic Deposition of Reduced Graphene Oxide and Ni(OH)₂ Composite Films for Controlled Syntheses Supercapacitor Electrodes. Journal of Physical Chemistry B, 2013, 117, 1616-1627.	1.2	195
13	Scalable Selfâ€Propagating Highâ€Temperature Synthesis of Graphene for Supercapacitors with Superior Power Density and Cyclic Stability. Advanced Materials, 2017, 29, 1604690.	11.1	186
14	Fast Charging Anode Materials for Lithiumâ€Ion Batteries: Current Status and Perspectives. Advanced Functional Materials, 2022, 32, .	7.8	185
15	High-Performance Cable-Type Flexible Rechargeable Zn Battery Based on MnO₂@CNT Fiber Microelectrode. ACS Applied Materials & Interfaces, 2018, 10, 24573-24582.	4.0	174
16	High performance lithium-ion hybrid capacitors with pre-lithiated hard carbon anodes and bifunctional cathode electrodes. Journal of Power Sources, 2014, 270, 318-325.	4.0	161
17	Cationic intermediates assisted self-assembly two-dimensional Ti3C2T /rGO hybrid nanoflakes for advanced lithium-ion capacitors. Science Bulletin, 2021, 66, 914-924.	4.3	161
18	High-performance supercapacitors based on a grapheneâ€“activated carbon composite prepared by chemical activation. RSC Advances, 2012, 2, 7747.	1.7	152

#	Article	IF	Citations
19	High Performance Lithium-Ion Hybrid Capacitors Employing Fe₃O₄â€“Graphene Composite Anode and Activated Carbon Cathode. ACS Applied Materials & Interfaces, 2017, 9, 17136-17144.	4.0	152
20	Electrochemical performances and capacity fading behaviors of activated carbon/hard carbon lithium ion capacitor. Electrochimica Acta, 2017, 235, 158-166.	2.6	134
21	Scalable combustion synthesis of graphene-welded activated carbon for high-performance supercapacitors. Chemical Engineering Journal, 2021, 414, 128781.	6.6	134
22	Flexible solid-state supercapacitors based on a conducting polymer hydrogel with enhanced electrochemical performance. Journal of Materials Chemistry A, 2014, 2, 19726-19732.	5.2	132
23	Recent advances in prelithiation materials and approaches for lithium-ion batteries and capacitors. Energy Storage Materials, 2020, 32, 497-516.	9.5	125
24	High-efficiency sacrificial prelithiation of lithium-ion capacitors with superior energy-storage performance. Energy Storage Materials, 2020, 24, 160-166.	9.5	124
25	Tetrabutylammoniumâ€Intercalated 1Tâ€MoS₂ Nanosheets with Expanded Interlayer Spacing Vertically Coupled on 2D Delaminated MXene for Highâ€Performance Lithiumâ€Ion Capacitors. Advanced Functional Materials, 2021, 31, 2104286.	7.8	106
26	Shape-controlled synthesis of nanocarbons through direct conversion of carbon dioxide. Scientific Reports, 2013, 3, 3534.	1.6	104
27	High-power and long-life lithium-ion capacitors constructed from N-doped hierarchical carbon nanolayer cathode and mesoporous graphene anode. Carbon, 2018, 140, 237-248.	5.4	102
28	Ethylene Glycol Intercalated Cobalt/Nickel Layered Double Hydroxide Nanosheet Assemblies with Ultrahigh Specific Capacitance: Structural Design and Green Synthesis for Advanced Electrochemical Storage. ACS Applied Materials & Interfaces, 2015, 7, 19601-19610.	4.0	101
29	Rational design of nano-architecture composite hydrogel electrode towards high performance Zn-ion hybrid cell. Nanoscale, 2018, 10, 13083-13091.	2.8	101
30	Recent advances in carbon nanostructures prepared from carbon dioxide for high-performance supercapacitors. Journal of Energy Chemistry, 2021, 54, 352-367.	7.1	97
31	Facile and low-cost fabrication of nanostructured NiCo2O4 spinel with high specific capacitance and excellent cycle stability. Electrochimica Acta, 2012, 63, 220-227.	2.6	96
32	Electrochemical reduction of graphene oxide films: Preparation, characterization and their electrochemical properties. Science Bulletin, 2012, 57, 3045-3050.	1.7	94
33	High-power lithium-ion hybrid supercapacitor enabled by holey carbon nanolayers with targeted porosity. Journal of Power Sources, 2018, 400, 468-477.	4.0	93
34	One-step solvothermal synthesis of graphene/Mn3O4 nanocomposites and their electrochemical properties for supercapacitors. Materials Letters, 2012, 68, 336-339.	1.3	86
35	Microwave-assisted reflux rapid synthesis of MnO2 nanostructures and their application in supercapacitors. Electrochimica Acta, 2013, 87, 637-644.	2.6	84
36	Strategies to Boost Ionic Conductivity and Interface Compatibility of Inorganic - Organic Solid Composite Electrolytes. Energy Storage Materials, 2021, 36, 291-308.	9.5	82

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37	An environment-friendly route to synthesize reduced graphene oxide as a supercapacitor electrode material. Electrochimica Acta, 2012, 69, 364-370.	2.6	81
38	Synthesis and characterization of Î±-MnO2 nanowires: Self-assembly and phase transformation to Î²-MnO2 microcrystals. Journal of Crystal Growth, 2008, 310, 716-722.	0.7	78
39	A two-step method for preparing Li₄Ti₅O₁₂â€“graphene as an anode material for lithium-ion hybrid capacitors. RSC Advances, 2015, 5, 94361-94368.	1.7	71
40	Preparation and pseudo-capacitance of birnessite-type MnO2 nanostructures via microwave-assisted emulsion method. Materials Chemistry and Physics, 2009, 118, 303-307.	2.0	70
41	A comparative study of activated carbon-based symmetric supercapacitors in Li2SO4 and KOH aqueous electrolytes. Journal of Solid State Electrochemistry, 2012, 16, 2597-2603.	1.2	70
42	A general route for the mass production of graphene-enhanced carbon composites toward practical pouch lithium-ion capacitors. Journal of Materials Chemistry A, 2021, 9, 15654-15664.	5.2	69
43	Development of redox deposition of birnessite-type MnO2 on activated carbon as high-performance electrode for hybrid supercapacitors. Materials Chemistry and Physics, 2012, 137, 290-296.	2.0	68
44	Solution-combustion synthesis of Îµ-MnO2 for supercapacitors. Materials Letters, 2010, 64, 61-64.	1.3	66
45	Online parameters identification and state of charge estimation for lithium-ion capacitor based on improved Cubature Kalman filter. Journal of Energy Storage, 2019, 24, 100810.	3.9	66
46	One-pot hydrothermal synthesis of ruthenium oxide nanodots on reduced graphene oxide sheets for supercapacitors. Journal of Alloys and Compounds, 2012, 511, 251-256.	2.8	65
47	Improving anode performances of lithium-ion capacitors employing carbonâ€“Si composites. Rare Metals, 2019, 38, 1113-1123.	3.6	65
48	High-Performance Lithium-Ion Capacitors Based on CoO-Graphene Composite Anode and Holey Carbon Nanolayer Cathode. ACS Sustainable Chemistry and Engineering, 2019, 7, 11275-11283.	3.2	65
49	Conducting polymer hydrogel materials for high-performance flexible solid-state supercapacitors. Science China Materials, 2016, 59, 412-420.	3.5	62
50	Comparative performance of birnessite-type MnO2 nanoplates and octahedral molecular sieve (OMS-5) nanobelts of manganese dioxide as electrode materials for supercapacitor application. Electrochimica Acta, 2014, 132, 315-322.	2.6	61
51	A 29.3â€¯Wh kgâ¯'1 and 6â€¯kWâ€¯kgâ¯'1 pouch-type lithium-ion capacitor based on SiOx/graphite composite anode. Journal of Power Sources, 2019, 414, 293-301.	4.0	61
52	Self-generating graphene and porous nanocarbon composites for capacitive energy storage. Journal of Materials Chemistry A, 2015, 3, 11277-11286.	5.2	58
53	Scalable Production of Wearable Solidâ€State Liâ€ion Capacitors from Nâ€Doped Hierarchical Carbon. Advanced Materials, 2020, 32, e2005531.	11.1	57
54	Remaining useful life prediction based on denoising technique and deep neural network for lithium-ion capacitors. ETransportation, 2020, 5, 100078.	6.8	56

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55	Accordion-like titanium carbide (MXene) with high crystallinity as fast intercalative anode for high-rate lithium-ion capacitors. Chinese Chemical Letters, 2020, 31, 1009-1013.	4.8	54
56	Recent Advances in MXenes for Lithium-Ion Capacitors. ACS Omega, 2020, 5, 75-82.	1.6	53
57	Leakage current and self-discharge in lithium-ion capacitor. Journal of Electroanalytical Chemistry, 2019, 850, 113386.	1.9	50
58	2D Graphene/MnO Heterostructure with Strongly Stable Interface Enabling Highâ€Performance Flexible Solidâ€State Lithiumâ€Ion Capacitors. Advanced Functional Materials, 2022, 32, .	7.8	50
59	Largeâ€Scale Production of Nanographene Sheets with a Controlled Mesoporous Architecture as Highâ€Performance Electrochemical Electrode Materials. ChemSusChem, 2013, 6, 1084-1090.	3.6	49
60	Three dimensional graphene networks for supercapacitor electrode materials. New Carbon Materials, 2015, 30, 193-206.	2.9	49
61	Room temperature synthesis of Mn3O4 nanoparticles: characterization, electrochemical properties and hydrothermal transformation to Î³-MnO2 nanorods. Materials Letters, 2013, 92, 401-404.	1.3	48
62	Graphene-Based Hierarchically Micro/Mesoporous Nanocomposites as Sulfur Immobilizers for High-Performance Lithiumâ€“Sulfur Batteries. Chemistry of Materials, 2016, 28, 7864-7871.	3.2	48
63	The Role of Pre-Lithiation in Activated Carbon/Li 4 Ti 5 O 12 Asymmetric Capacitors. Electrochimica Acta, 2017, 236, 443-450.	2.6	47
64	Electrochemical impedance spectroscopy study of lithium-ion capacitors: Modeling and capacity fading mechanism. Journal of Power Sources, 2021, 488, 229454.	4.0	47
65	(LiNi 0.5 Co 0.2 Mn 0.3 O 2 Â+ÂAC)/graphite hybrid energy storage device with high specific energy and high rate capability. Journal of Power Sources, 2013, 243, 361-368.	4.0	46
66	Recent advances in transition metal chalcogenides for lithium-ion capacitors. Rare Metals, 2022, 41, 2971-2984.	3.6	46
67	Layer-by-layer self-assembly of manganese oxide nanosheets/polyethylenimine multilayer films as electrodes for supercapacitors. Journal of Power Sources, 2008, 184, 695-700.	4.0	45
68	Self-template route to MnO2 hollow structures for supercapacitors. Materials Letters, 2010, 64, 1480-1482.	1.3	43
69	Effects of Separator on the Electrochemical Performance of Electrical Double-Layer Capacitor and Hybrid Battery-Supercapacitor. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2014, 30, 485-491.	2.2	43
70	Structural evolution of mesoporous graphene/LiNi1/3Co1/3Mn1/3O2 composite cathode for Liâ€“ion battery. Rare Metals, 2021, 40, 521-528.	3.6	43
71	Facile fabrication of ethylene glycol intercalated cobalt-nickel layered double hydroxide nanosheets supported on nickel foam as flexible binder-free electrodes for advanced electrochemical energy storage. Electrochimica Acta, 2016, 191, 329-336.	2.6	41
72	Intercalation of methylene blue into layered manganese oxide and application of the resulting material in a reagentless hydrogen peroxide biosensor. Sensors and Actuators B: Chemical, 2008, 129, 784-789.	4.0	40

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73	Enhanced capacitance supercapacitor electrodes from porous carbons with high mesoporous volume. Electrochimica Acta, 2015, 184, 347-355.	2.6	40
74	Microwave-assisted rapid synthesis of birnessite-type MnO2 nanoparticles for high performance supercapacitor applications. Materials Research Bulletin, 2015, 71, 111-115.	2.7	40
75	Boosting solid-state flexible supercapacitors by employing tailored hierarchical carbon electrodes and a high-voltage organic gel electrolyte. Journal of Materials Chemistry A, 2018, 6, 24979-24987.	5.2	39
76	Synthesis of Polypyrrole-Intercalated Layered Manganese Oxide Nanocomposite by a Delaminationâ•Reassembling Method and Its Electrochemical Capacitance Performance. Electrochemical and Solid-State Letters, 2009, 12, A95.	2.2	37
77	Recent progress of graphene-based materials in lithium-ion capacitors. Journal Physics D: Applied Physics, 2019, 52, 143001.	1.3	36
78	Graphene and maghemite composites based supercapacitors delivering high volumetric capacitance and extraordinary cycling stability. Electrochimica Acta, 2015, 156, 70-76.	2.6	33
79	High performance supercapacitor electrodes based on deoxygenated graphite oxide by ball milling. Electrochimica Acta, 2013, 109, 874-880.	2.6	32
80	Application of a novel binder for activated carbon-based electrical double layer capacitors with nonaqueous electrolytes. Journal of Solid State Electrochemistry, 2013, 17, 2035-2042.	1.2	31
81	Recent Advances on Carbonâ€Based Materials for High Performance Lithiumâ€Ion Capacitors. Batteries and Supercaps, 2021, 4, 407-428.	2.4	31
82	Carbon-coated Li3VO4 with optimized structure as high capacity anode material for lithium-ion capacitors. Chinese Chemical Letters, 2020, 31, 2225-2229.	4.8	29
83	Nitrogen-enriched graphene framework from a large-scale magnesiothermic conversion of CO2 with synergistic kinetics for high-power lithium-ion capacitors. NPG Asia Materials, 2021, 13, .	3.8	29
84	High power density of graphene-based supercapacitors in ionic liquid electrolytes. Materials Letters, 2012, 68, 475-477.	1.3	28
85	Direct electrochemistry and electrocatalysis with horseradish peroxidase immobilized in polyquaternium-manganese oxide nanosheet nanocomposite films. Sensors and Actuators B: Chemical, 2008, 134, 182-188.	4.0	25
86	Effects of carbon black on the electrochemical performances of SiO anode for lithium-ion capacitors. Journal of Power Sources, 2021, 499, 229936.	4.0	25
87	High-capacity nanocarbon anodes for lithium-ion batteries. Journal of Alloys and Compounds, 2015, 622, 783-788.	2.8	24
88	A safe, low-cost and high-efficiency presodiation strategy for pouch-type sodium-ion capacitors with high energy density. Journal of Energy Chemistry, 2022, 64, 442-450.	7.1	24
89	Supercapacitor electrodes with especially high rate capability and cyclability based on a novel Pt nanosphere and cysteine-generated graphene. Physical Chemistry Chemical Physics, 2012, 14, 10899.	1.3	23
90	Temperature effect on electrochemical performances of Li-ion hybrid capacitors. Journal of Solid State Electrochemistry, 2015, 19, 2501-2506.	1.2	23

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91	Experimental study of thermal chargeâ€“discharge behaviors of pouch lithium-ion capacitors. Journal of Energy Storage, 2019, 25, 100902.	3.9	23
92	Rapid Ion Transport Induced by the Enhanced Interaction in Composite Polymer Electrolyte for All-Solid-State Lithium-Metal Batteries. Journal of Physical Chemistry Letters, 2021, 12, 10603-10609.	2.1	23
93	Equivalent circuit models and parameter identification methods for lithium-ion capacitors. Journal of Energy Storage, 2019, 24, 100762.	3.9	22
94	Rapid synthesis of ultrafine NiCo2O4 nanoparticles loaded carbon nanotubes for lithium ion battery anode materials. Chemical Physics Letters, 2019, 715, 278-283.	1.2	22
95	High-performance solid-state Zn batteries based on a free-standing organic cathode and metal Zn anode with an ordered nano-architecture. Nanoscale Advances, 2020, 2, 296-303.	2.2	21
96	Effect of high magnetic field annealing on the microstructure and magnetic properties of Coâ€“Fe layered double hydroxide. Journal of Magnetism and Magnetic Materials, 2010, 322, 3023-3027.	1.0	20
97	Improvement of the high-rate capability of LiNi 1/3 Co 1/3 Mn 1/3 O 2 cathode by adding highly electroconductive and mesoporous graphene. Journal of Alloys and Compounds, 2018, 758, 206-213.	2.8	20
98	Nitrogen-doped holey graphene nanoscrolls for high-energy and high-power supercapacitors. Chinese Chemical Letters, 2021, 32, 914-917.	4.8	18
99	Segmented bi-material cathodes to boost the lithium-ion battery-capacitors. Journal of Power Sources, 2020, 478, 228994.	4.0	17
100	Controllable Synthesis of <I>Î±</I>-MnO₂ Nanostructures and Phase Transformation to <I>Î²</I>-MnO₂ Microcrystals by Hydrothermal Crystallization. Journal of Nanoscience and Nanotechnology, 2010, 10, 898-904.	0.9	16
101	Nâ€doping Hierarchical Porosity Carbon from Biowaste for Highâ€Rate Supercapacitive Application. ChemistrySelect, 2017, 2, 6194-6199.	0.7	16
102	Anomalous diffusion models in frequency-domain characterization of lithium-ion capacitors. Journal of Power Sources, 2021, 490, 229332.	4.0	15
103	Fabrication and characterization of a novel inorganic MnO2/LDHs multilayer thin film via a layer-by-layer self-assembly method. Materials Letters, 2008, 62, 1613-1616.	1.3	14
104	Biopolymer-manganese oxide nanoflake nanocomposite films fabricated by electrostatic layer-by-layer assembly. Materials Science and Engineering C, 2009, 29, 284-287.	3.8	14
105	Dandelion-like cobalt hydroxide nanostructures: morphological evolution, soft template effect and supercapacitive application. RSC Advances, 2014, 4, 59603-59613.	1.7	14
106	Low-temperature hydrothermal synthesis of Î±-MnO2 three-dimensional nanostructures. Materials Letters, 2010, 64, 583-585.	1.3	13
107	Scalable fabrication of in-plane microscale self-powered integrated systems for fast-response and highly selective dual-channel gas detection. Nano Energy, 2021, 88, 106253.	8.2	13
108	A presodiation strategy with high efficiency by utilizing low-price and eco-friendly Na2CO3 as the sacrificial salt towards high-performance pouch sodium-ion capacitors. Journal of Power Sources, 2021, 515, 230628.	4.0	13

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109	Additives to propylene carbonate-based electrolytes for lithium-ion capacitors. Rare Metals, 2022, 41, 1304-1313.	3.6	13
110	Experimental Investigation of Electrochemical Impedance Spectroscopy of Electrical Double Layer Capacitor. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2014, 30, 2071-2076.	2.2	12
111	Activated Carbon-Based Supercapacitors Using Li₂SO₄ Aqueous Electrolyte. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2012, 28, 367-372.	2.2	12
112	Increased electrochemical properties of ruthenium oxide and graphene/ruthenium oxide hybrid dispersed by polyvinylpyrrolidone. Journal of Alloys and Compounds, 2012, 541, 415-420.	2.8	11
113	Microwave-assisted synthesis of 3D flowerlike Î±-Ni(OH)2 nanostructures for supercapacitor application. Science China Technological Sciences, 2015, 58, 1871-1876.	2.0	11
114	A Fast and Scalable Pre-Lithiation Approach for Practical Large-Capacity Lithium-Ion Capacitors. Journal of the Electrochemical Society, 2021, 168, 110540.	1.3	11
115	Ferromagnetism in sub-micron scale BiFeO3. Materials Letters, 2011, 65, 3309-3312.	1.3	10
116	Soft template-assisted synthesis of single crystalline Î²-cobalt hydroxide with distinct morphologies. CrystEngComm, 2014, 16, 7478.	1.3	10
117	Electrophoretic Deposition of a Thick Film of Layered Manganese Oxide. Chemistry Letters, 2007, 36, 1228-1229.	0.7	9
118	Hydrothermal-Reduction Synthesis of Manganese Oxide Nanomaterials for Electrochemical Supercapacitors. Journal of Nanoscience and Nanotechnology, 2010, 10, 7711-7714.	0.9	9
119	One-pot hydrothermal synthesis of Î²-MnO2 crystals and their magnetic properties. Journal of Physics and Chemistry of Solids, 2013, 74, 1626-1631.	1.9	9
120	Deoxygenated porous carbon with highly stable electrochemical reaction interface for practical high-performance lithium-ion capacitors. Journal Physics D: Applied Physics, 2022, 55, 045501.	1.3	9
121	Direct Electrochemistry of Myoglobin in MnO2Nanosheet Film. Chemistry Letters, 2007, 36, 772-773.	0.7	8
122	Design of a fast-charge lithium-ion capacitor pack for automated guided vehicle. Journal of Energy Storage, 2022, 48, 104045.	3.9	8
123	Tuning Inactive Phases in Siâ€“Tiâ€“B Ternary Alloy Anodes to Achieve Stable Cycling for High-Energy-Density Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 57317-57325.	4.0	7
124	Facile fabrication of nanostructured NiCo₂O₄ supported on Ni foam for high performance electrochemical energy storage. RSC Advances, 2015, 5, 80620-80624.	1.7	6
125	Advanced Fractional-Order Lithium-Ion Capacitor Model With Time-Domain Parameter Identification Method. IEEE Transactions on Industrial Electronics, 2022, 69, 13808-13817.	5.2	6
126	Magnesiothermic sequestration of CO2 into carbon nanomaterials for electrochemical energy storage: A mini review. Electrochemistry Communications, 2021, 130, 107109.	2.3	5

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127	Sodium Manganese Oxide Nanobelts with a 2 Ã— 4 Tunnel Structure: One-Step Hydrothermal Synthesis and Electrocatalytic Properties. Journal of Nanoscience and Nanotechnology, 2009, 9, 5860-5864.	0.9	4
128	Organic Electrolytes for Activated Carbon-Based Supercapacitors with Flexible Package. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2013, 29, 1998-2004.	2.2	4
129	Fibrous and flexible electrodes comprising hierarchical nanostructure graphene for supercapacitors. Micro and Nano Letters, 2020, 15, 992-996.	0.6	3
130	Fibrous and flexible supercapacitors with a hierarchical nanostructure comprised of carbon spheres and graphene. , 2013, , .		2
131	Experimental Study on Calendar Aging of Commercial Lithium-ion Capacitors. , 2020, , .		1
132	Tunable alignment and properties of Fe3O4/natural rubber nanocomposites. Iranian Polymer Journal (English Edition), 2022, 31, 799-807.	1.3	1