

Fen Ran

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Engineering MOFsâ€Derived Nanoarchitectures with Efficient Polysulfides Catalytic Sites for Advanced Liâ€S Batteries. Advanced Materials Technologies, 2023, 8, .	5.8	4
2	Energy Storage Mechanism of Vanadium Nitride via Intercalating Different Atomic Radius for Expanding Interplanar Spacing. Energy and Environmental Materials, 2022, 5, 565-571.	12.8	21
3	Polygonatum polysaccharide modified montmorillonite/chitosan/glycerophosphate composite hydrogel for bone tissue engineering. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 1176-1187.	3.4	3
4	Mn, N co-doped Co nanoparticles/porous carbon as air cathode for highly efficient rechargeable Zn-air batteries. Nano Research, 2022, 15, 1942-1948.	10.4	49
5	Rational ratio of quinoid imine to benzenoid amine via in situ doping with gold nanoparticles for electrochemically activation of polyaniline. Journal of Materials Science: Materials in Electronics, 2022, 33, 2138-2151.	2.2	0
6	<scp>Inâ€situ</scp> growth of ultrathin sulfur <scp>microcrystal</scp> on <scp>MXene</scp>â€based <scp>3D</scp> matrice for flexible lithiumâ€sulfur batteries. EcoMat, 2022, 4, .	11.9	30
7	Visualizing Nucleation and Growth Process of Vanadiumâ€Supramolecular Nanoribbons Selfâ€Assembled by Rapid Cooling Method towards Highâ€Capacity Vanadium Nitride Anode Materials. Advanced Energy Materials, 2022, 12, .	19.5	21
8	Bacterial cellulose-derived micro/mesoporous carbon anode materials controlled by poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	5.6	14
9	N-doped hollow porous carbon microspheres with highÂrate performance as anode for sodium-ion batteries. Journal of Materials Science: Materials in Electronics, 2022, 33, 7913-7922.	2.2	1
10	Strip-like Co-based metalâ€organic framework as electrode material for supercapacitors. Journal of Materials Science: Materials in Electronics, 2022, 33, 8256-8269.	2.2	0
11	Visualizing Nucleation and Growth Process of Vanadiumâ€Supramolecular Nanoribbons Selfâ€Assembled by Rapid Cooling Method towards Highâ€Capacity Vanadium Nitride Anode Materials (Adv. Energy Mater.) Tj ETQq19150.784314 rgBT /C	19.5	21
12	3D juniperus sabina-like Ni/Co metal-organic framework as an enhanced electrode material for supercapacitors. Journal of Solid State Chemistry, 2022, 310, 123056.	2.9	7
13	Assembling and Regulating of Transition Metalâ€Based Heterophase Vanadates as Efficient Oxygen Evolution Catalysts. Small, 2022, 18, e2105763.	10.0	28
14	<scp>Sulfurâ€containing</scp> polymer cathode materials: From energy storage mechanism to energy density. InformaÃnÃ-MateriÃily, 2022, 4, .	17.3	30
15	Reducible, recyclable and reusable (3R) hydrogel electrolyte membrane based on Physical&Chemical Bi-networks and reversible sol-gel transition. Renewable Energy, 2022, 194, 80-88.	8.9	7
16	Recent progress on biomass waste derived activated carbon electrode materials for supercapacitors applicationsâ€A review. Journal of Energy Storage, 2022, 54, 105290.	8.1	79
17	Chemically building interpenetrating polymeric networks of Bi-crosslinked hydrogel macromolecules for membrane supercapacitors. Carbohydrate Polymers, 2021, 255, 117346.	10.2	42
18	Single-walled carbon nanotubes grafted with dextran as additive to improve separation performance of polymer membranes. Separation and Purification Technology, 2021, 254, 117584.	7.9	15

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19	New cathode material of NiCo ₂ Cr _x -OH (x=0, 1, 1.5, 2.0) and anode material of one-off chopsticks derived carbon for high performance supercapacitor. Journal of Alloys and Compounds, 2021, 851, 156792.	5.5	11
20	Straightforward Solution Polymerization Synthesis of Porous Carbon@Gold Nanoparticles Electrode for High-Performance Supercapacitor. Journal of Energy Storage, 2021, 33, 102041.	8.1	12
21	Iron-doped carbon electrode materials derived from polyethersulfone. Journal of Energy Storage, 2021, 33, 102099.	8.1	2
22	Ingeniously designing anode material of Ni ₃ S ₂ /MnS ₂ @Carbon nanocomposite with a wide potential window of 1.3 V. Electrochimica Acta, 2021, 365, 137386.	5.2	7
23	Surfactant induced self-assembly to prepare a vanadium nitride/N,S co-doped carbon high-capacitance anode material. Chemical Communications, 2021, 57, 10246-10249.	4.1	5
24	Cyclic stability of supercapacitors: materials, energy storage mechanism, test methods, and device. Journal of Materials Chemistry A, 2021, 9, 24094-24147.	10.3	141
25	A novel polysaccharide-grafted gold nanoparticles synthesized via carboxyl-trithiocarbonates for modification of separation membrane. Journal of Materials Research, 2021, 36, 925-937.	2.6	3
26	Design Strategies of 3D Carbon-Based Electrodes for Charge/Ion Transport in Lithium Ion Battery and Sodium Ion Battery. Advanced Functional Materials, 2021, 31, 2010041.	14.9	99
27	Hybrid gel polymer electrolyte based on 1-methyl-1-Propylpyrrolidinium Bis(Trifluoromethanesulfonyl) imide for flexible and shape-variant lithium secondary batteries. Journal of Membrane Science, 2021, 621, 119018.	8.2	39
28	Fabrication and properties of coral-like Ni/Mn-MOFs as electrode materials for supercapacitors. Journal of Materials Science: Materials in Electronics, 2021, 32, 13430-13439.	2.2	5
29	Hydrated halide clusters on electrode materials for aqueous supercapacitor. Journal of Power Sources, 2021, 491, 229612.	7.8	6
30	All-in-one energy storage devices supported and interfacially cross-linked by gel polymeric electrolyte. Energy Storage Materials, 2021, 37, 587-597.	18.0	25
31	Metal-Organic Framework-Derived Nanostructures as Multifaceted Electrodes in Metal-Sulfur Batteries. Advanced Materials, 2021, 33, e2008784.	21.0	67
32	Alkali-tolerant polymeric gel electrolyte membrane based on cross-linked carboxylated chitosan for supercapacitors. Journal of Membrane Science, 2021, 629, 119083.	8.2	33
33	3D layered nanostructure of vanadium nitrides quantum Dots@Graphene anode materials via In-Situ redox reaction strategy. Chemical Engineering Journal, 2021, 417, 129267.	12.7	11
34	Conductive 3D networks in a 2D layer for high performance ultrafiltration membrane with high flux-retention and robust cyclic stability. Journal of Membrane Science, 2021, 640, 119781.	8.2	7
35	Cobalt-Based Double Catalytic Sites on Mesoporous Carbon as Reversible Polysulfide Catalysts for Fast-Kinetic Li-S Batteries. ACS Applied Materials & Interfaces, 2021, 13, 51174-51185.	8.0	31
36	Composite V ₃ S ₄ @rGO nanowires as a high-performance anode material for lithium-/sodium-ion batteries. Ionics, 2021, 27, 5067-5077.	2.4	12

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37	Hybrid nanocomposites of AuNP@C@NiO synthesized via in-situ reduction as promising electrode materials for high-performance supercapacitor. Journal of Materials Science: Materials in Electronics, 2021, 32, 28480-28493.	2.2	4
38	Quantum dots of molybdenum nitride embedded in continuously distributed polyaniline as novel electrode material for supercapacitor. Journal of Alloys and Compounds, 2020, 812, 152138.	5.5	53
39	Hierarchical porous nanofibers of carbon@nickel oxide nanoparticles derived from polymer/block copolymer system. Chinese Chemical Letters, 2020, 31, 2202-2206.	9.0	2
40	Water-soluble MOF nanoparticles modified polyethersulfone membrane for improving flux and molecular retention. Applied Surface Science, 2020, 505, 144553.	6.1	43
41	High performance electrode of few-layer-carbon@bulk-carbon synthesized via controlling diffusion depth from liquid phase to solid phase for supercapacitors. Journal of Energy Storage, 2020, 32, 101672.	8.1	12
42	High rejection performance ultrafiltration membrane with ultrathin dense layer fabricated by the movement and dissolution of metal-organic frameworks. New Journal of Chemistry, 2020, 44, 13745-13754.	2.8	12
43	Dual High-Conductivity Networks <i>via</i> Importing a Polymeric Gel Electrolyte into the Electrode Bulk. ACS Applied Materials & Interfaces, 2020, 12, 41239-41249.	8.0	14
44	Study on the voltage drop of vanadium nitride/carbon composites derived from the pectin/VCl ₃ membrane as a supercapacitor anode material. New Journal of Chemistry, 2020, 44, 6791-6798.	2.8	8
45	Fundamental Triangular Interaction of Electron Trajectory Deviation and P-N Junction to Promote Redox Reactions for the High-Energy-Density Electrode. ACS Applied Materials & Interfaces, 2020, 12, 29404-29413.	8.0	2
46	Optical characteristics of (Eu ³⁺ ,Nd ³⁺) co-doped leadfluorosilicate glasses for enhanced photonic device applications. Journal of Luminescence, 2020, 223, 117210.	3.1	10
47	Nanoparticles of Iron Nitride Encapsulated in Nitrogen-Doped Carbon Bulk Derived from Polyaniline/Fe ₂ O ₃ Blends and Its Electrochemical Performance. Particle and Particle Systems Characterization, 2020, 37, 2000132.	2.3	2
48	Grafting copolymer of thermo-responsive and polysaccharide chains for surface modification of high performance membrane. Separation and Purification Technology, 2020, 240, 116585.	7.9	18
49	Vanadium nitride with surface single specie oxide via vanadium-organic frameworks precursor. Journal of Power Sources, 2020, 450, 227687.	7.8	20
50	Vanadium nitride for aqueous supercapacitors: a topic review. Journal of Materials Chemistry A, 2020, 8, 8218-8233.	10.3	88
51	Flexible, twistable and plied electrode of stainless steel Cables@Nickel-Cobalt oxide with high electrochemical performance for wearable electronic textiles. Electrochimica Acta, 2020, 348, 136312.	5.2	12
52	Wettability improvement of vanadium nitride/carbon electrode nanomaterial by electrostatic absorption of hydrophilic poly (allylamine hydrochloride). Applied Surface Science, 2020, 525, 146619.	6.1	8
53	Biomass Waste Derived Low Cost Activated Carbon from Carchorus Olitorius (Jute Fiber) as Sustainable and Novel Electrode Material. Journal of Energy Storage, 2020, 30, 101494.	8.1	66
54	Facile preparation of Co@Co ₃ O ₄ @Nitrogen doped carbon composite from ionic liquid as anode material for high performance lithium-ion batteries. Materials Science-Poland, 2020, 38, 601-612.	1.0	0

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55	New comprehensions on structure superiority of asymmetric carbon membrane and controlled construction of advanced hierarchical inner-structure for high performance supercapacitors. Microporous and Mesoporous Materials, 2019, 275, 14-25.	4.4	30
56	Modification of a polyethersulfone membrane with a block copolymer brush of poly(2-methacryloyloxyethyl phosphorylcholine-co-glycidyl methacrylate) and a branched polypeptide chain of Arg-Glu-Asp-Val. RSC Advances, 2019, 9, 25274-25284.	3.6	10
57	Modified supramolecular carboxylated chitosan as hydrogel electrolyte for quasi-solid-state supercapacitors. Journal of Power Sources, 2019, 441, 227174.	7.8	52
58	Transferring Electrochemically Active Nanomaterials into a Flexible Membrane Electrode via Slow Phase Separation Method Induced by Water Vapor. ACS Sustainable Chemistry and Engineering, 2019, 7, 4295-4306.	6.7	11
59	The surface capacitance behavior and its contribution to the excellent performance of cobalt ferrite/carbon anode in lithium storage. Journal of Materials Science: Materials in Electronics, 2019, 30, 12659-12668.	2.2	8
60	Whole-polymers electrode membrane based on the interfacial polymerization and intermacromolecular force between polyaniline and polyethersulfone for flexible supercapacitors. Electrochimica Acta, 2019, 318, 130-141.	5.2	9
61	Polyethersulfone fiber. , 2019, , 245-288.		1
62	Interconnected porous composites electrode materials of Carbon@Vanadium nitride by directly absorbing VO ³⁻ . Electrochimica Acta, 2019, 306, 113-121.	5.2	18
63	Biopolymer-based carboxylated chitosan hydrogel film crosslinked by HCl as gel polymer electrolyte for all-solid-state supercapacitors. Journal of Power Sources, 2019, 426, 47-54.	7.8	122
64	Electrolyte-Philic Electrode Material with a Functional Polymer Brush. ACS Applied Materials & Interfaces, 2019, 11, 16087-16095.	8.0	16
65	Polymer/block copolymer blending system as the compatible precursor system for fabrication of mesoporous carbon nanofibers for supercapacitors. Journal of Power Sources, 2019, 419, 137-147.	7.8	37
66	Ionic liquid derived Co ₃ O ₄ /Nitrogen doped carbon composite as anode of lithium ion batteries with enhanced rate performance and cycle stability. Journal of Materials Science: Materials in Electronics, 2019, 30, 6148-6156.	2.2	11
67	Preparation of Co ₃ O ₄ /nitrogen-doped carbon composite by in situ solvothermal with ionic liquid and its electrochemical performance as lithium-ion battery anode. Ionics, 2019, 25, 475-482.	2.4	6
68	Intercalation structure of vanadium nitride nanoparticles growing on graphene surface toward high negative active material for supercapacitor utilization. Journal of Alloys and Compounds, 2019, 781, 1054-1058.	5.5	52
69	A new approach for membrane modification based on electrochemically mediated living polymerization and self-assembly of N-tert-butyl amide- and β -cyclodextrin-involved macromolecules for blood purification. Materials Science and Engineering C, 2019, 95, 122-133.	7.3	16
70	Snakegourd root/Astragalus polysaccharide hydrogel preparation and application in 3D printing. International Journal of Biological Macromolecules, 2019, 121, 309-316.	7.5	32
71	Preparation and Properties of Guji Polysaccharides/Chitosan/Alginate Composite Hydrogel Microspheres. Journal of Renewable Materials, 2019, 7, 1321-1332.	2.2	2
72	Facile preparation of porous nickel oxide membrane for flexible supercapacitors electrode via phase-separation method of polymer. Materials Research Bulletin, 2018, 103, 25-31.	5.2	14

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73	Concise N-doped Carbon Nanosheets/Vanadium Nitride Nanoparticles Materials via Intercalative Polymerization for Supercapacitors. Scientific Reports, 2018, 8, 2915.	3.3	41
74	Nanocomposites based on hierarchical porous carbon fiber@vanadium nitride nanoparticles as supercapacitor electrodes. Dalton Transactions, 2018, 47, 4128-4138.	3.3	51
75	New amphiphilic block copolymer-modified electrodes for supercapacitors. New Journal of Chemistry, 2018, 42, 1290-1299.	2.8	20
76	Hydrophilicity and anti-fouling performance of polyethersulfone membrane modified by grafting block glycosyl copolymers via surface initiated electrochemically mediated atom transfer radical polymerization. New Journal of Chemistry, 2018, 42, 2692-2701.	2.8	28
77	Pomelo peels-derived porous activated carbon microsheets dual-doped with nitrogen and phosphorus for high performance electrochemical capacitors. Journal of Power Sources, 2018, 378, 499-510.	7.8	170
78	Carbon nanosphere@vanadium nitride electrode materials derived from metal-organic nanospheres self-assembled by NH ₄ VO ₃ , chitosan, and amphiphilic block copolymer. Electrochimica Acta, 2018, 262, 66-73.	5.2	54
79	Negative electrode materials of molybdenum nitride/N-doped carbon nano-fiber via electrospinning method for high-performance supercapacitors. Electrochimica Acta, 2018, 277, 41-49.	5.2	60
80	In situ polymerization and reduction to fabricate gold nanoparticle-incorporated polyaniline as supercapacitor electrode materials. Polymers for Advanced Technologies, 2018, 29, 1697-1705.	3.2	43
81	A kind of injectable Angelica sinensis polysaccharide(ASP)/hydroxyapatite (HAp) material for bone tissue engineering promoting vascularization, hematopoiesis, and osteogenesis in mice. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 205-211.	3.4	4
82	Carbon nanofibers prepared by electrospinning accompanied with phase-separation method for supercapacitors: Effect of thermal treatment temperature. Journal of Materials Research, 2018, 33, 1120-1130.	2.6	22
83	Dulse-derived porous carbon-polyaniline nanocomposite electrode for high-performance supercapacitors. Journal of Applied Polymer Science, 2018, 135, 45776.	2.6	25
84	Well-Dispersed Vanadium Nitride on Porous Carbon Networks Derived from Block Copolymer of PAN-b-PDMC-b-PAN Absorbed with Ammonium Metavanadate for Energy Storage Application. Journal of Physical Chemistry C, 2018, 122, 143-149.	3.1	16
85	Polyaniline-Based Composites and Nanocomposites. , 2018, , 175-208.		5
86	In-situ reduction derived nitrogen doped carbon anchored cobalt nanoparticles as highly capacity and long life lithium ion battery anodes. Journal of Materials Science: Materials in Electronics, 2018, 29, 19932-19941.	2.2	1
87	Co ₃ O ₄ /carbon nano-onions composite as supercapacitor electrode and its excellent electrochemical performance. International Journal of Materials Research, 2018, 109, 873-879.	0.3	9
88	Nitrogen doped porous onion carbon derived from ionic liquids as the anode materials for lithium ion batteries with high performance. Journal of Electroanalytical Chemistry, 2018, 827, 167-174.	3.8	8
89	Synthesis of ultra-small gold nanoparticles decorated onto NiO nanobelts and their high electrochemical performance. Dalton Transactions, 2018, 47, 8078-8086.	3.3	20
90	A flexible membrane electrode with an electrolyte-affinity surface for energy storage: effects of amphiphilic block copolymers and membrane thickness. Sustainable Energy and Fuels, 2018, 2, 1844-1854.	4.9	3

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91	A Novel Hierarchical Porous 3D Structured Vanadium Nitride/Carbon Membranes for High-performance Supercapacitor Negative Electrodes. Nano-Micro Letters, 2018, 10, 63.	27.0	60
92	MoO ₂ /Mo ₂ N hybrid nanobelts doped with gold nanoparticles and their enhanced supercapacitive behavior. New Journal of Chemistry, 2018, 42, 17895-17901.	2.8	7
93	Thermo-responsive polysulfone membranes with good anti-fouling property modified by grafting random copolymers via surface-initiated eATRP. Separation and Purification Technology, 2018, 206, 166-176.	7.9	54
94	Vanadium nitride quantum dot/nitrogen-doped microporous carbon nanofibers electrode for high-performance supercapacitors. Journal of Power Sources, 2017, 344, 1-10.	7.8	126
95	A polymer-supported electrolyte-affinity hybrid membrane and modification of the amphiphilic block copolymer for use as a super-high flexible and high-performance supercapacitor. Sustainable Energy and Fuels, 2017, 1, 1074-1081.	4.9	12
96	Nano-Au@PANI core-shell nanoparticles via in-situ polymerization as electrode for supercapacitor. Journal of Alloys and Compounds, 2017, 722, 1-7.	5.5	58
97	In situ doping of PANI nanocomposites by gold nanoparticles for high-performance electrochemical energy storage. Journal of Applied Polymer Science, 2017, 134, 45309.	2.6	37
98	A effective approach for surface modification of polymer membrane via SI-eATRP in an electrochemical cell with a three electrode system. Surfaces and Interfaces, 2017, 8, 119-126.	3.0	15
99	Electrospinning of fucoidan/chitosan/poly(vinyl alcohol) scaffolds for vascular tissue engineering. Fibers and Polymers, 2017, 18, 922-932.	2.1	26
100	High rate capability and long cycle-life of nickel oxide membrane electrode incorporated with nickel and coated with carbon layer via in-situ supporting of engineering plastic for energy storage application. Journal of Alloys and Compounds, 2017, 710, 72-79.	5.5	12
101	Supercapacitor electrode of nano-Co ₃ O ₄ decorated with gold nanoparticles via in-situ reduction method. Journal of Power Sources, 2017, 363, 1-8.	7.8	108
102	Ionic liquid-derived Co ₃ O ₄ /carbon nano-onions composite and its enhanced performance as anode for lithium-ion batteries. Journal of Materials Science, 2017, 52, 13192-13202.	3.7	28
103	Hydrophilicity and anti-fouling modification of polyethersulfone membrane by grafting copolymer chains via surface initiated electrochemically mediated atom transfer radical polymerization. New Journal of Chemistry, 2017, 41, 9918-9930.	2.8	19
104	Novel Hybrid Nanoparticles of Vanadium Nitride/Porous Carbon as an Anode Material for Symmetrical Supercapacitor. Nano-Micro Letters, 2017, 9, 6.	27.0	93
105	Preparation of chitosan/pumpkin polysaccharide hydrogel for potential application in drug delivery and tissue engineering. Journal of Porous Materials, 2017, 24, 497-506.	2.6	7
106	Nano vanadium nitride incorporated onto interconnected porous carbon via the method of surface-initiated electrochemical mediated ATRP and heat-treatment approach for supercapacitors. Electrochimica Acta, 2017, 258, 405-413.	5.2	29
107	Constructing Functional Ionic Membrane Surface by Electrochemically Mediated Atom Transfer Radical Polymerization. International Journal of Polymer Science, 2016, 2016, 1-9.	2.7	7
108	Fabrication and cytocompatibility evaluation for blood-compatible polyethersulfone membrane modified by a synthesized poly (vinyl pyrrolidone)-block-poly (acrylate-graft-poly(methyl Tj ETQq0 0.0rgBT /Overlock 10 591-596.	3.2	12

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109	Hybrid Electrode Material of Vanadium Nitride and Carbon Fiber with Cigarette Butt/Metal Ions Wastes as the Precursor for Supercapacitors. <i>Electrochimica Acta</i> , 2016, 222, 1914-1921.	5.2	50
110	Thermoswitchable Janus Gold Nanoparticles with Stimuli-Responsive Hydrophilic Polymer Brushes. <i>Langmuir</i> , 2016, 32, 4297-4304.	3.5	19
111	Activated hierarchical porous carbon as electrode membrane accommodated with triblock copolymer for supercapacitors. <i>Journal of Membrane Science</i> , 2016, 514, 366-375.	8.2	41
112	Ultra-small vanadium nitride quantum dots embedded in porous carbon as high performance electrode materials for capacitive energy storage. <i>Journal of Power Sources</i> , 2016, 333, 61-71.	7.8	83
113	Facile fabrication of ultrathin hybrid membrane for highly flexible supercapacitors via in-situ phase separation of polyethersulfone. <i>Journal of Power Sources</i> , 2016, 329, 104-114.	7.8	41
114	Supercapacitor Electrode Based on Nano-Vanadium Nitride Incorporated on Porous Carbon Nanospheres Derived from Ionic Amphiphilic Block Copolymers & Vanadium-Contained Ion Assembly Systems. <i>Electrochimica Acta</i> , 2016, 211, 469-477.	5.2	77
115	Microporous carbon nanofibers prepared by combining electrospinning and phase separation methods for supercapacitor. <i>Journal of Energy Chemistry</i> , 2016, 25, 587-593.	12.9	33
116	Cistanche polysaccharide (CDPS)/polylactic acid (PLA) scaffolds based coaxial electrospinning for vascular tissue engineering. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 38-46.	3.4	18
117	The unique morphology role of thorn surface in determining electrochemical performance of polyaniline nano-fibers via one-step method. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	0
118	Preparation of nano-PANI@MnO ₂ by surface initiated polymerization method using as a nano-tubular electrode material: The amount effect of aniline on the microstructure and electrochemical performance. <i>Journal of Energy Chemistry</i> , 2015, 24, 388-393.	12.9	24
119	Mesoporous carbons for supercapacitors obtained by the pyrolysis of block copolymers. <i>New Carbon Materials</i> , 2015, 30, 302-309.	6.1	10
120	Super long-life supercapacitor electrode materials based on hierarchical porous hollow carbon microcapsules. <i>RSC Advances</i> , 2015, 5, 87077-87083.	3.6	21
121	Bionic design for anticoagulant surface via synthesized biological macromolecules with heparin-like chains. <i>RSC Advances</i> , 2015, 5, 58032-58040.	3.6	11
122	Supercapacitor electrodes based on nano-polyaniline deposited on hollow carbon spheres derived from cross-linked co-polymers. <i>Synthetic Metals</i> , 2015, 209, 369-376.	3.9	52
123	Toward interconnected hierarchical porous structure via chemical depositing organic nano-polyaniline on inorganic carbon scaffold for supercapacitor. <i>Synthetic Metals</i> , 2015, 199, 205-213.	3.9	18
124	Hollow Carbon Microspheres/MnO ₂ Nanosheets Composites: Hydrothermal Synthesis and Electrochemical Behaviors. <i>Nano-Micro Letters</i> , 2015, 7, 59-67.	27.0	23
125	Polyethersulfone Membrane. , 2015, , 1-2.		1
126	Insights into the surface property and blood compatibility of polyethersulfone/polyvinylpyrrolidone composite membranes: toward high-performance hemodialyzer. <i>Polymers for Advanced Technologies</i> , 2014, 25, 851-860.	3.2	23

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127	A hierarchical porous carbon membrane from polyacrylonitrile/polyvinylpyrrolidone blending membranes: Preparation, characterization and electrochemical capacitive performance. Journal of Energy Chemistry, 2014, 23, 684-693.	12.9	41
128	A simple method to prepare modified polyethersulfone membrane with improved hydrophilic surface by one-pot: The effect of hydrophobic segment length and molecular weight of copolymers. Materials Science and Engineering C, 2014, 37, 68-75.	7.3	25
129	Toward a highly hemocompatible membrane for blood purification via a physical blend of miscible comb-like amphiphilic copolymers. Biomaterials Science, 2014, 2, 538.	5.4	41
130	Hemocompatibility and ultrafiltration performance of surface-functionalized polyethersulfone membrane by blending comb-like amphiphilic block copolymer. Journal of Membrane Science, 2014, 471, 319-327.	8.2	56
131	Easy fabrication and high electrochemical capacitive performance of hierarchical porous carbon by a method combining liquid-liquid phase separation and pyrolysis process. Electrochimica Acta, 2014, 138, 367-375.	5.2	37
132	Bionic design for surface optimization combining hydrophilic and negative charged biological macromolecules. International Journal of Biological Macromolecules, 2014, 67, 260-269.	7.5	8
133	A dandelion-like carbon microsphere/MnO ₂ nanosheets composite for supercapacitors. Journal of Energy Chemistry, 2014, 23, 82-90.	12.9	34
134	Hydrothermal Synthesis and Electrochemical Measurements of Interconnected Porous Carbon/MnO ₂ Composites. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2014, 30, 881-890.	4.9	3
135	Synthesis and electrochemical properties of hollow polyaniline microspheres by a sulfonated polystyrene template. Journal of Applied Polymer Science, 2013, 127, 1544-1549.	2.6	25
136	Direct synthesis of heparin-like poly(ether sulfone) polymer and its blood compatibility. Acta Biomaterialia, 2013, 9, 8851-8863.	8.3	89
137	A bird nest-like manganese dioxide and its application as electrode in supercapacitors. Journal of Energy Chemistry, 2013, 22, 928-934.	12.9	17
138	One-pot synthesized poly(vinyl pyrrolidone-co-methyl methacrylate-co-acrylic acid) blended with poly(ether sulfone) to prepare blood-compatible membranes. Journal of Applied Polymer Science, 2013, 130, 4284-4298.	2.6	5
139	Modification of polyethersulfone membranes – A review of methods. Progress in Materials Science, 2013, 58, 76-150.	32.8	698
140	Synthesized negatively charged macromolecules (NCMs) for the surface modification of anticoagulant membrane biomaterials. International Journal of Biological Macromolecules, 2013, 55, 269-275.	7.5	31
141	The Analysis of Environmental Safety in Preparing Superfine Powder. Advanced Materials Research, 2012, 518-523, 1040-1044.	0.3	0
142	Pollution Analysis and Control of Production Process in Metal Mine. Advanced Materials Research, 2012, 524-527, 653-657.	0.3	1
143	Polyaniline nanoparticles grown on the surface of carbon microspheres aggregations for electrochemical supercapacitors. Synthetic Metals, 2012, 162, 114-118.	3.9	35
144	Improved blood compatibility of polyethersulfone membrane with a hydrophilic and anionic surface. Colloids and Surfaces B: Biointerfaces, 2012, 100, 116-125.	5.0	107

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145	Comparison of surface segregation and anticoagulant property in block copolymer blended evaporation and phase inversion membranes. <i>Surface and Interface Analysis</i> , 2012, 44, 819-824.	1.8	19
146	Preparation of hierarchical polyaniline nanotubes based on self-assembly and its electrochemical capacitance. <i>Polymers for Advanced Technologies</i> , 2012, 23, 1297-1301.	3.2	34
147	Heparin-Like Macromolecules for the Modification of Anticoagulant Biomaterials. <i>Macromolecular Bioscience</i> , 2012, 12, 116-125.	4.1	88
148	Biocompatibility of modified polyethersulfone membranes by blending an amphiphilic triblock co-polymer of poly(vinyl pyrrolidone)-b-poly(methyl methacrylate)-b-poly(vinyl pyrrolidone). <i>Acta Biomaterialia</i> , 2011, 7, 3370-3381.	8.3	190
149	Synthesis of amphiphilic tri-block copolymer poly(vinylpyrrolidone)-b-poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td Chemical Letters, 2011, 22, 370-373.	9.0	18
150	Coral reef-like polyaniline nanotubes prepared by a reactive template of manganese oxide for supercapacitor electrode. <i>Chinese Chemical Letters</i> , 2011, 22, 964-968.	9.0	20
151	THE CATIONIC POLYMERIZATION OF ISOBUTYLENE BY GRAFTING FROM PVAc AND ITS COPOLYMER. <i>Acta Polymerica Sinica</i> , 2006, 006, 467-473.	0.0	2
152	Synthesis, Characterization, and Electrochemical Properties of Mn₃O₄/Cr₂O₃ Composite. <i>Advanced Materials Research</i> , 0, 463-464, 555-559.	0.3	2
153	The Preparation of Size-Controlled Antimony Nanoparticles by Electrochemical Method. <i>Key Engineering Materials</i> , 0, 562-565, 716-720.	0.4	0