

Hui Dou

List of Publications by Year in descending order

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127
papers

8,669
citations

36203

51
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128
all docs

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docs citations

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10975
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermally Chargeable Proton Capacitor Based on Redox-Active Effect for Energy Storage and Low-Grade Heat Conversion. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	4
2	Targeted Deposition in a Lithiophilic Silver-Modified 3D Cu Host for Lithium-Metal Anodes. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	11
3	3D Printed Multilayer Graphite@SiO ₂ Structural Anode for High-Loading Lithium-Ion Battery. <i>Batteries and Supercaps</i> , 2022, 5, .	2.4	5
4	Zinc ion thermal charging cell for low-grade heat conversion and energy storage. <i>Nature Communications</i> , 2022, 13, 132.	5.8	37
5	Fabrication of a Covalent Triazine Framework Functional Interlayer for High-Performance Lithium-Sulfur Batteries. <i>Nanomaterials</i> , 2022, 12, 255.	1.9	7
6	Revisiting Charge Storage Mechanism of Reduced Graphene Oxide in Zinc Ion Hybrid Capacitor beyond the Contribution of Oxygen-Containing Groups. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	45
7	A High-Voltage Lithium-Metal Batteries Electrolyte Based on Fully-Methylated Pivalonitrile. <i>Batteries and Supercaps</i> , 2022, 5, .	2.4	2
8	A Facile Surface Passivation Method to Stabilized Lithium Metal Anodes Facilitate the Practical Application of Quasi-Solid-State Batteries. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	6
9	Thermally Chargeable Ammonium-Ion Capacitor for Energy Storage and Low-Grade Heat Harvesting. <i>Batteries and Supercaps</i> , 2022, 5, .	2.4	7
10	Three-Dimensional Cross-Linked Binder Based on Ionic Bonding for a High-Performance SiO ₂ Anode in Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 4788-4795.	2.5	7
11	A novel covalent organic framework with high-density imine groups for lithium storage as anode material in lithium-ion batteries. <i>Journal of Materials Science</i> , 2022, 57, 9980-9991.	1.7	18
12	MnO ₂ /carbon nanotube free-standing electrode recycled from spent manganese-oxygen battery as high-performance supercapacitor material. <i>Journal of Materials Science</i> , 2022, 57, 8818-8827.	1.7	11
13	Insight into the reversible conversion (de)incorporation of redox-active dopants within a polymer-based electrode. <i>Chemical Communications</i> , 2021, 57, 6780-6783.	2.2	2
14	Deep Eutectic Solvent-Induced Polyacrylonitrile-Derived Hierarchical Porous Carbon for Zinc-Ion Hybrid Supercapacitors. <i>Batteries and Supercaps</i> , 2021, 4, 680-686.	2.4	10
15	Tailored Hierarchical Porous Carbon through Template Modification for Antifreezing Quasi-Solid-State Zinc Ion Hybrid Supercapacitors. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000112.	2.8	9
16	Stabilization of a 4.7 V High-Voltage Nickel-Rich Layered Oxide Cathode for Lithium-Ion Batteries through Boron-Based Surface Residual Lithium-Tuned Interface Modification Engineering. <i>ChemElectroChem</i> , 2021, 8, 2014-2021.	1.7	11
17	B-doped SiO _x composite with three dimensional conductive network for high performance lithium-ion battery anode. <i>Journal of Materiomics</i> , 2021, 7, 802-809.	2.8	11
18	Electrospinning oxygen-vacant TiNb ₂₄ O ₆₂ nanowires simultaneously boosts electrons and ions transmission capacities toward superior lithium storage. <i>Electrochimica Acta</i> , 2021, 388, 138656.	2.6	14

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19	Nb ₃ O ₇ F mesocrystals: orientation formation and application in lithium ion capacitors. CrystEngComm, 2021, 23, 6012-6022.	1.3	2
20	Polydopamine grafted cross-linked polyacrylamide as robust binder for SiO/C anode toward high-stability lithium-ion battery. Journal of Materials Science, 2021, 56, 6337-6348.	1.7	11
21	Facile <i>In Situ</i> Cross-Linked Robust Three-Dimensional Binder for High-Performance SiO _x Anodes in Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 49313-49321.	4.0	16
22	Charge Storage Mechanism of an Anthraquinone-Derived Porous Covalent Organic Framework with Multiredox Sites as Anode Material for Lithium-Ion Battery. ACS Applied Energy Materials, 2021, 4, 11377-11385.	2.5	31
23	Effects of binder content on low-cost solvent-free electrodes made by dry-spraying manufacturing for lithium-ion batteries. Journal of Power Sources, 2021, 515, 230644.	4.0	19
24	Biomass-derived porous carbon electrodes for high-performance supercapacitors. Journal of Materials Science, 2020, 55, 5166-5176.	1.7	60
25	Self-supported TiN nanorod array/carbon textile as a lithium host that induces dendrite-free lithium plating with high rates and long cycle life. Journal of Materials Chemistry A, 2020, 8, 3293-3299.	5.2	5
26	Nanohollow Carbon for Rechargeable Batteries: Ongoing Progresses and Challenges. Nano-Micro Letters, 2020, 12, 183.	14.4	45
27	Encapsulating Oxygen-Deficient TiNb ₂₄ O ₆₂ Microspheres by N-Doped Carbon Nanolayer Boosts Capacity and Stability of Lithium-Ion Battery. Batteries and Supercaps, 2020, 3, 1360-1369.	2.4	10
28	Rational Design of a Piezoelectric BaTiO ₃ Nanodot Surface-Modified LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ Cathode Material for High-Rate Lithium-Ion Batteries. ChemElectroChem, 2020, 7, 3646-3652.	1.7	15
29	<i>In Situ</i> Tuning Residual Lithium Compounds and Constructing TiO ₂ Coating for Surface Modification of a Nickel-Rich Cathode toward High-Energy Lithium-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 12423-12432.	2.5	26
30	Atomic Layer Deposition of Single Atomic Cobalt as a Catalytic Interlayer for Lithium-Sulfur Batteries. ACS Applied Energy Materials, 2020, 3, 11206-11212.	2.5	25
31	Lithium-ion capacitor based on nanoarchitected polydopamine/graphene composite anode and porous graphene cathode. Carbon, 2020, 167, 627-633.	5.4	29
32	Aerosol-assisted preparation of N-doped hierarchical porous carbon spheres cathodes toward high-stable lithium-ion capacitors. Journal of Materials Science, 2020, 55, 13127-13140.	1.7	8
33	Sodium-Ion capacitors: Materials, Mechanism, and Challenges. ChemSusChem, 2020, 13, 2522-2539.	3.6	90
34	Hierarchical N-doped hollow carbon microspheres as advanced materials for high-performance lithium-ion capacitors. Journal of Materials Chemistry A, 2020, 8, 3956-3966.	5.2	58
35	Defect-rich and N-doped hard carbon as a sustainable anode for high-energy lithium-ion capacitors. Journal of Colloid and Interface Science, 2020, 567, 75-83.	5.0	58
36	Efficient Synthesis of N-Doped SiO _x /C Composite Based on the Defect-Enriched Graphite Flake for Lithium-Ion Battery. ACS Applied Energy Materials, 2020, 3, 4394-4402.	2.5	30

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37	Lithiophilic polymer interphase anchored on laser-punched 3D holey Cu matrix enables uniform lithium nucleation leading to super-stable lithium metal anodes. <i>Energy Storage Materials</i> , 2020, 29, 84-91.	9.5	64
38	Metal-free energy storage systems: combining batteries with capacitors based on a methylene blue functionalized graphene cathode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19668-19675.	5.2	138
39	Solid/Solid Interfacial Architecturing of Solid Polymer Electrolyte-Based All-Solid-State Lithium-Sulfur Batteries by Atomic Layer Deposition. <i>Small</i> , 2019, 15, e1903952.	5.2	62
40	Rocking-chair Na-ion hybrid capacitor: a high energy/power system based on Na ₃ V ₂ O ₂ (PO ₄) ₂ F@PEDOT core-shell nanorods. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1030-1037.	5.2	56
41	Successive Cationic and Anionic (De)intercalation/ Incorporation into an Ion-Doped Radical Conducting Polymer. <i>Batteries and Supercaps</i> , 2019, 2, 979-984.	2.4	4
42	Two Conjugated Covalent Organic Frameworks with Long-Term Cyclability at High Current Density for Lithium Ion Battery. <i>Chemistry - A European Journal</i> , 2019, 25, 15472-15476.	1.7	31
43	Three-dimensional porous MXene-derived carbon/nickel-manganese double hydroxide composite for high-performance hybrid capacitor. <i>Journal of Electroanalytical Chemistry</i> , 2019, 836, 118-124.	1.9	21
44	RbF as a Dendrite-Inhibiting Additive in Lithium Metal Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20804-20811.	4.0	48
45	Catalytic Growth of Graphitic Carbon-Coated Silicon as High-Performance Anodes for Lithium Storage. <i>Energy Technology</i> , 2019, 7, 1900502.	1.8	5
46	Confined Pyrolysis of ZIF-8 Polyhedrons Wrapped with Graphene Oxide Nanosheets to Prepare 3D Porous Carbon Heterostructures. <i>Small Methods</i> , 2019, 3, 1900277.	4.6	31
47	Dual Dopamine Derived Polydopamine Coated N-Doped Porous Carbon Spheres as a Sulfur Host for High-Performance Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2019, 25, 10710-10717.	1.7	22
48	Engineering Ultrathin MoS ₂ Nanosheets Anchored on N-Doped Carbon Microspheres with Pseudocapacitive Properties for High-Performance Lithium-Ion Capacitors. <i>Small Methods</i> , 2019, 3, 1900081.	4.6	96
49	Compressed and Crumpled Porous Carbon Electrode for High Volumetric Performance Electrical Double-Layer Capacitors. <i>Energy Technology</i> , 2019, 7, 1900209.	1.8	9
50	A novel aqueous ammonium dual-ion battery based on organic polymers. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11314-11320.	5.2	99
51	2020 roadmap on pore materials for energy and environmental applications. <i>Chinese Chemical Letters</i> , 2019, 30, 2110-2122.	4.8	75
52	Scalable synthesis of holey graphite nanosheets for supercapacitors with high volumetric capacitance. <i>Nanoscale Horizons</i> , 2019, 4, 526-530.	4.1	32
53	Nano-sized Titanium Nitride Functionalized Separator Improves Cycling Performance of Lithium Sulfur Batteries. <i>ChemistrySelect</i> , 2019, 4, 698-704.	0.7	19
54	Rigid Polyimide Buffering Layer Enabling Silicon Nanoparticles Prolonged Cycling Life for Lithium Storage. <i>ACS Applied Energy Materials</i> , 2018, 1, 948-955.	2.5	12

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55	High energy aqueous sodium-ion capacitor enabled by polyimide electrode and high-concentrated electrolyte. <i>Electrochimica Acta</i> , 2018, 268, 512-519.	2.6	46
56	High-voltage $\text{Li}_2\text{SiO}_3/\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Hollow Spheres Prepared through In Situ Aerosol Spray Pyrolysis towards High-Energy Li-ion Batteries. <i>ChemElectroChem</i> , 2018, 5, 1212-1218.	1.7	19
57	A functional interlayer as a polysulfides blocking layer for high-performance lithium-sulfur batteries. <i>New Journal of Chemistry</i> , 2018, 42, 1431-1436.	1.4	39
58	Hierarchically Porous Multilayered Carbon Barriers for High-Performance Li-S Batteries. <i>Chemistry - A European Journal</i> , 2018, 24, 3768-3775.	1.7	43
59	Layer-by-layer self-assembled two-dimensional MXene/layered double hydroxide composites as cathode for alkaline hybrid batteries. <i>Journal of Power Sources</i> , 2018, 390, 208-214.	4.0	56
60	Template-induced self-activation route for nitrogen-doped hierarchically porous carbon spheres for electric double layer capacitors. <i>Carbon</i> , 2018, 136, 204-210.	5.4	61
61	High Performance Aqueous Sodium-ion Capacitors Enabled by Pseudocapacitance of Layered MnO_2 . <i>Energy Technology</i> , 2018, 6, 2146-2153.	1.8	32
62	Surface-functionalized graphene-based quasi-solid-state Na-ion hybrid capacitors with excellent performance. <i>Energy Storage Materials</i> , 2018, 11, 8-15.	9.5	60
63	Progress of Nanostructured Electrode Materials for Supercapacitors. <i>Advanced Sustainable Systems</i> , 2018, 2, 1700110.	2.7	87
64	Aerosol Spray Pyrolysis toward Preparation of Nanostructured Materials for Batteries and Supercapacitors. <i>Small Methods</i> , 2018, 2, 1700272.	4.6	48
65	Graphene scrolls coated Sb_2S_3 nanowires as anodes for sodium and lithium ion batteries. <i>Nano Structures Nano Objects</i> , 2018, 15, 197-204.	1.9	12
66	Superlithiated Polydopamine Derivative for High-Capacity and High-Rate Anode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38101-38108.	4.0	59
67	Enhanced Cycle Performance of Polyimide Cathode Using a Quasi-Solid-State Electrolyte. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22294-22300.	1.5	30
68	MXene debris modified eggshell membrane as separator for high-performance lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2018, 352, 695-703.	6.6	100
69	Structure-designed synthesis of yolk-shell hollow $\text{ZnFe}_2\text{O}_4/\text{C}@\text{N}$ -doped carbon sub-microspheres as a competitive anode for high-performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17947-17958.	5.2	48
70	Nitrogenated Urchin-like Nb_2O_5 Microspheres with Extraordinary Pseudocapacitive Properties for Lithium-ion Capacitors. <i>ChemElectroChem</i> , 2018, 5, 1516-1524.	1.7	36
71	High-voltage $\text{LiNi}_{0.45}\text{Cr}_{0.1}\text{Mn}_{1.45}\text{O}_4$ Cathode with Superlong Cycle Performance for Wide Temperature Lithium-ion Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1704808.	7.8	91
72	Self-supported electrodes of $\text{Na}_2\text{Ti}_3\text{O}_7$ nanoribbon array/graphene foam and graphene foam for quasi-solid-state Na-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5806-5812.	5.2	48

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73	Caterpillar-like graphene confining sulfur by restacking effect for high performance lithium sulfur batteries. <i>Chemical Engineering Journal</i> , 2017, 322, 454-462.	6.6	33
74	Mesoporous Silicon Anodes by Using Polybenzimidazole Derived Pyrrolic N-Enriched Carbon toward High-Energy Li-Ion Batteries. <i>ACS Energy Letters</i> , 2017, 2, 1279-1287.	8.8	122
75	Exploring metal organic frameworks for energy storage in batteries and supercapacitors. <i>Materials Today</i> , 2017, 20, 191-209.	8.3	402
76	Prussian Blue Analogue with Fast Kinetics Through Electronic Coupling for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20306-20312.	4.0	96
77	Hierarchical porous carbons with layer-by-layer motif architectures from confined soft-template self-assembly in layered materials. <i>Nature Communications</i> , 2017, 8, 15717.	5.8	263
78	MoS ₂ Nanosheet Decorated 2D Titanium Carbide (MXene) as High-Performance Anodes for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 1560-1565.	1.7	123
79	Highly Conductive and Lightweight Composite Film as Polysulfide Reservoir for High-Performance Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2017, 4, 362-368.	1.7	31
80	Biomass derived carbon for energy storage devices. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2411-2428.	5.2	632
81	Nitrogen-Doped Porous Carbon Nanospheres from Natural Sepia Ink: Easy Preparation and Extraordinary Capacitive Performance. <i>ChemNanoMat</i> , 2017, 3, 895-901.	1.5	17
82	Highly stable lithium ion capacitor enabled by hierarchical polyimide derived carbon microspheres combined with 3D current collectors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23283-23291.	5.2	94
83	Few-Layer MXenes Delaminated via High-Energy Mechanical Milling for Enhanced Sodium-Ion Batteries Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39610-39617.	4.0	152
84	<i>Ad hoc</i> solid electrolyte on acidized carbon nanotube paper improves cycle life of lithium-sulfur batteries. <i>Energy and Environmental Science</i> , 2017, 10, 2544-2551.	15.6	82
85	Co ₃ O ₄ nanoneedle arrays as a multifunctional "super-reservoir" electrode for long cycle life Li-S batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 250-257.	5.2	147
86	Pseudocapacitive materials for electrochemical capacitors: from rational synthesis to capacitance optimization. <i>National Science Review</i> , 2017, 4, 71-90.	4.6	215
87	Porous Silicon@Polythiophene Core-Shell Nanospheres for Lithium-Ion Batteries. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 75-81.	1.2	13
88	Self-Sacrificial Template-Directed Synthesis of Metal-Organic Framework-Derived Porous Carbon for Energy Storage Devices. <i>ChemElectroChem</i> , 2016, 3, 668-674.	1.7	52
89	Interconnected core-shell pyrolyzed polyacrylonitrile@sulfur/carbon nanocomposites for rechargeable lithium-sulfur batteries. <i>New Journal of Chemistry</i> , 2016, 40, 7680-7686.	1.4	17
90	PAA/PEDOT:PSS as a multifunctional, water-soluble binder to improve the capacity and stability of lithium-sulfur batteries. <i>RSC Advances</i> , 2016, 6, 40650-40655.	1.7	81

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91	A two-step etching route to ultrathin carbon nanosheets for high performance electrical double layer capacitors. <i>Nanoscale</i> , 2016, 8, 11136-11142.	2.8	53
92	An in situ confinement strategy to porous poly(3,4-ethylenedioxythiophene)/sulfur composites for lithium-sulfur batteries. <i>RSC Advances</i> , 2016, 6, 47858-47863.	1.7	9
93	Mesoporous carbon nanospheres inserting into graphene sheets for flexible supercapacitor film electrode. <i>Materials Letters</i> , 2016, 178, 304-307.	1.3	29
94	Nanospace-confined synthesis of oriented porous carbon nanosheets for high-performance electrical double layer capacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16879-16885.	5.2	33
95	Heteroatom-Doped Porous Carbon Nanosheets: General Preparation and Enhanced Capacitive Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 16668-16674.	1.7	17
96	Three-dimensional porous MXene/layered double hydroxide composite for high performance supercapacitors. <i>Journal of Power Sources</i> , 2016, 327, 221-228.	4.0	253
97	Interface miscibility induced double-capillary carbon nanofibers for flexible electric double layer capacitors. <i>Nano Energy</i> , 2016, 28, 232-240.	8.2	67
98	Effect of Graphene Modified Cu Current Collector on the Performance of $\text{Li}_{4}\text{Ti}_{5}\text{O}_{12}$ Anode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30926-30932.	4.0	81
99	Flexible Sodium-Ion Pseudocapacitors Based on 3D $\text{Na}_{2}\text{Ti}_{3}\text{O}_{7}$ Nanosheet Arrays/Carbon Textiles Anodes. <i>Advanced Functional Materials</i> , 2016, 26, 3703-3710.	7.8	270
100	Facile Synthesis of Nitrogen-Containing Mesoporous Carbon for High-Performance Energy Storage Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 4256-4262.	1.7	17
101	Simple and mass-produced mechanochemical preparation of graphene nanosheet/polyaniline composite assisted with bifunctional ionic liquid. <i>Functional Materials Letters</i> , 2016, 09, 1650041.	0.7	4
102	General Strategy to Fabricate Ternary Metal Nitride/Carbon Nanofibers for Supercapacitors. <i>ChemElectroChem</i> , 2015, 2, 2020-2026.	1.7	19
103	Nanospace-Confinement Copolymerization Strategy for Encapsulating Polymeric Sulfur into Porous Carbon for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11165-11171.	4.0	49
104	N-doped carbon foam based three-dimensional electrode architectures and asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2853-2860.	5.2	70
105	Enhanced electrochemical performance of sulfur cathodes with a water-soluble binder. <i>RSC Advances</i> , 2015, 5, 13709-13714.	1.7	57
106	Frontispiece: Porous Nitrogen-Doped Carbon Microspheres Derived from Microporous Polymeric Organic Frameworks for High Performance Electric Double-Layer Capacitors. <i>Chemistry - A European Journal</i> , 2015, 21, .	1.7	0
107	Three-dimensional graphene nanosheets/carbon nanotube paper as flexible electrodes for electrochemical capacitors. <i>RSC Advances</i> , 2015, 5, 22173-22177.	1.7	7
108	Three-dimensionally ordered porous $\text{TiNb}_{2}\text{O}_{7}$ nanotubes: a superior anode material for next generation hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16785-16790.	5.2	96

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109	Flexible metal-organic frameworks as superior cathodes for rechargeable sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16590-16597.	5.2	94
110	Lamellar-structured biomass-derived phosphorus- and nitrogen-co-doped porous carbon for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2015, 39, 9497-9503.	1.4	75
111	Crumpled Nitrogen-Doped Graphene for Supercapacitors with High Gravimetric and Volumetric Performances. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22284-22291.	4.0	77
112	Porous nitrogen and phosphorus co-doped carbon nanofiber networks for high performance electrical double layer capacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23268-23273.	5.2	82
113	Absorption mechanism of carbon-nanotube paper-titanium dioxide as a multifunctional barrier material for lithium-sulfur batteries. <i>Nano Research</i> , 2015, 8, 3066-3074.	5.8	95
114	Biomass-derived porous carbon materials with sulfur and nitrogen dual-doping for energy storage. <i>Green Chemistry</i> , 2015, 17, 1668-1674.	4.6	572
115	Porous Nitrogen-Doped Carbon Microspheres Derived from Microporous Polymeric Organic Frameworks for High Performance Electric Double-Layer Capacitors. <i>Chemistry - A European Journal</i> , 2015, 21, 2310-2314.	1.7	39
116	Porous nitrogen-doped hollow carbon spheres derived from polyaniline for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5352-5357.	5.2	403
117	Mechano-chemical synthesis of nanostructured FePO ₄ /MWCNTs composites as cathode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19536-19541.	5.2	16
118	From biomolecule to Na ₃ V ₂ (PO ₄) ₃ /nitrogen-decorated carbon hybrids: highly reversible cathodes for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18606-18612.	5.2	65
119	Hierarchically Porous Carbon Encapsulating Sulfur as a Superior Cathode Material for High Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 194-199.	4.0	152
120	Synthesis of hydrogenated TiO ₂ -reduced-graphene oxide nanocomposites and their application in high rate lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9150-9155.	5.2	35
121	Fabrication of a sandwich structured electrode for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14280.	5.2	40
122	Functionalized ionic liquid-assisted mechanochemical synthesis of graphene nanosheet/polypyrrole nanocomposites. <i>Materials Letters</i> , 2012, 71, 57-59.	1.3	10
123	Polypyrrole/carbon nanotube nanocomposite enhanced the electrochemical capacitance of flexible graphene film for supercapacitors. <i>Journal of Power Sources</i> , 2012, 197, 319-324.	4.0	185
124	Fabrication and electrochemical capacitance of hierarchical graphene/polyaniline/carbon nanotube ternary composite film. <i>Electrochimica Acta</i> , 2011, 56, 9224-9232.	2.6	164
125	A flexible graphene/multiwalled carbon nanotube film as a high performance electrode material for supercapacitors. <i>Electrochimica Acta</i> , 2011, 56, 5115-5121.	2.6	243
126	Synthesis and electrochemical capacitance of core-shell poly(3,4-ethylenedioxythiophene)/poly(sodium 4-styrenesulfonate)-modified multiwalled carbon nanotube nanocomposites. <i>Electrochimica Acta</i> , 2009, 54, 2335-2341.	2.6	112

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127	High-voltage aqueous symmetric electrochemical capacitor based on Ru _{0.7} Sn _{0.3} O ₂ ·nH ₂ O electrodes in 1M KOH. Journal of Solid State Electrochemistry, 2008, 12, 1645-1652.	1.2	13