Hui Dou

List of Publications by Year
in descending order

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127 papers	8,669 citations	36203 51 h-index	45213 90 g-index
128 all docs	128 docs citations	128 times ranked	10975 citing authors

#	Article	IF	Citations
1	Biomass derived carbon for energy storage devices. Journal of Materials Chemistry A, 2017, 5, 2411-2428.	5.2	632
2	Biomass-derived porous carbon materials with sulfur and nitrogen dual-doping for energy storage. Green Chemistry, 2015, 17, 1668-1674.	4.6	572
3	Porous nitrogen-doped hollow carbon spheres derived from polyaniline for high performance supercapacitors. Journal of Materials Chemistry A, 2014, 2, 5352-5357.	5.2	403
4	Exploring metal organic frameworks for energy storage in batteries and supercapacitors. Materials Today, 2017, 20, 191-209.	8.3	402
5	Flexible Sodiumâ€Ion Pseudocapacitors Based on 3D Na₂Ti₃O₇ Nanosheet Arrays/Carbon Textiles Anodes. Advanced Functional Materials, 2016, 26, 3703-3710.	7.8	270
6	Hierarchical porous carbons with layer-by-layer motif architectures from confined soft-template self-assembly in layered materials. Nature Communications, 2017, 8, 15717.	5.8	263
7	Three-dimensional porous MXene/layered double hydroxide composite for high performance supercapacitors. Journal of Power Sources, 2016, 327, 221-228.	4.0	253
8	A flexible graphene/multiwalled carbon nanotube film as a high performance electrode material for supercapacitors. Electrochimica Acta, 2011, 56, 5115-5121.	2.6	243
9	Pseudocapacitive materials for electrochemical capacitors: from rational synthesis to capacitance optimization. National Science Review, 2017, 4, 71-90.	4.6	215
10	Polypyrrole/carbon nanotube nanocomposite enhanced the electrochemical capacitance of flexible graphene film for supercapacitors. Journal of Power Sources, 2012, 197, 319-324.	4.0	185
11	Fabrication and electrochemical capacitance of hierarchical graphene/polyaniline/carbon nanotube ternary composite film. Electrochimica Acta, 2011, 56, 9224-9232.	2.6	164
12	Hierarchically Porous Carbon Encapsulating Sulfur as a Superior Cathode Material for High Performance Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2014, 6, 194-199.	4.0	152
13	Few-Layer MXenes Delaminated via High-Energy Mechanical Milling for Enhanced Sodium-Ion Batteries Performance. ACS Applied Materials & Interfaces, 2017, 9, 39610-39617.	4.0	152
14	Co₃O₄nanoneedle arrays as a multifunctional â€œsuper-reservoirâ€•electrode for long cycle life Liâ€“S batteries. Journal of Materials Chemistry A, 2017, 5, 250-257.	5.2	147
15	Metal-free energy storage systems: combining batteries with capacitors based on a methylene blue functionalized graphene cathode. Journal of Materials Chemistry A, 2019, 7, 19668-19675.	5.2	138
16	MoS₂â€Nanosheetâ€Decorated 2D Titanium Carbide (MXene) as Highâ€Performance Anodes for Sodiumâ€Ion Batteries. ChemElectroChem, 2017, 4, 1560-1565.	1.7	123
17	Mesoporous Silicon Anodes by Using Polybenzimidazole Derived Pyrrolic N-Enriched Carbon toward High-Energy Li-Ion Batteries. ACS Energy Letters, 2017, 2, 1279-1287.	8.8	122
18	Synthesis and electrochemical capacitance of coreâ€“shell poly (3,4-ethylenedioxythiophene)/poly (sodium 4-styrenesulfonate)-modified multiwalled carbon nanotube nanocomposites. Electrochimica Acta, 2009, 54, 2335-2341.	2.6	112

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19	MXene debris modified eggshell membrane as separator for high-performance lithium-sulfur batteries. Chemical Engineering Journal, 2018, 352, 695-703.	6.6	100
20	A novel aqueous ammonium dual-ion battery based on organic polymers. Journal of Materials Chemistry A, 2019, 7, 11314-11320.	5.2	99
21	Three-dimensionally ordered porous TiNb₂O₇ nanotubes: a superior anode material for next generation hybrid supercapacitors. Journal of Materials Chemistry A, 2015, 3, 16785-16790.	5.2	96
22	Prussian Blue Analogue with Fast Kinetics Through Electronic Coupling for Sodium Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 20306-20312.	4.0	96
23	Engineering Ultrathin MoS₂ Nanosheets Anchored on Nâ€Doped Carbon Microspheres with Pseudocapacitive Properties for Highâ€Performance Lithiumâ€Ion Capacitors. Small Methods, 2019, 3, 1900081.	4.6	96
24	Absorption mechanism of carbon-nanotube paper-titanium dioxide as a multifunctional barrier material for lithium-sulfur batteries. Nano Research, 2015, 8, 3066-3074.	5.8	95
25	Flexible metalâ€“organic frameworks as superior cathodes for rechargeable sodium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 16590-16597.	5.2	94
26	Highly stable lithium ion capacitor enabled by hierarchical polyimide derived carbon microspheres combined with 3D current collectors. Journal of Materials Chemistry A, 2017, 5, 23283-23291.	5.2	94
27	Highâ€Voltage LiNi_{0.45}Cr_{0.1}Mn_{1.45}O₄ Cathode with Superlong Cycle Performance for Wide Temperature Lithiumâ€Ion Batteries. Advanced Functional Materials, 2018, 28, 1704808.	7.8	91
28	Sodiumâ€ion capacitors: Materials, Mechanism, and Challenges. ChemSusChem, 2020, 13, 2522-2539.	3.6	90
29	Progress of Nanostructured Electrode Materials for Supercapacitors. Advanced Sustainable Systems, 2018, 2, 1700110.	2.7	87
30	Porous nitrogen and phosphorus co-doped carbon nanofiber networks for high performance electrical double layer capacitors. Journal of Materials Chemistry A, 2015, 3, 23268-23273.	5.2	82
31	Ad hoc solid electrolyte on acidized carbon nanotube paper improves cycle life of lithiumâ€“sulfur batteries. Energy and Environmental Science, 2017, 10, 2544-2551.	15.6	82
32	PAA/PEDOT:PSS as a multifunctional, water-soluble binder to improve the capacity and stability of lithiumâ€“sulfur batteries. RSC Advances, 2016, 6, 40650-40655.	1.7	81
33	Effect of Graphene Modified Cu Current Collector on the Performance of Li₄Ti₅O₁₂Anode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 30926-30932.	4.0	81
34	Crumpled Nitrogen-Doped Graphene for Supercapacitors with High Gravimetric and Volumetric Performances. ACS Applied Materials & Interfaces, 2015, 7, 22284-22291.	4.0	77
35	Lamellar-structured biomass-derived phosphorus- and nitrogen-co-doped porous carbon for high-performance supercapacitors. New Journal of Chemistry, 2015, 39, 9497-9503.	1.4	75
36	2020 roadmap on pore materials for energy and environmental applications. Chinese Chemical Letters, 2019, 30, 2110-2122.	4.8	75

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37	N-doped carbon foam based three-dimensional electrode architectures and asymmetric supercapacitors. Journal of Materials Chemistry A, 2015, 3, 2853-2860.	5.2	70
38	Interface miscibility induced double-capillary carbon nanofibers for flexible electric double layer capacitors. Nano Energy, 2016, 28, 232-240.	8.2	67
39	From biomolecule to Na₃V₂(PO₄)₃/nitrogen-decorated carbon hybrids: highly reversible cathodes for sodium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 18606-18612.	5.2	65
40	Lithiophilic polymer interphase anchored on laser-punched 3D holey Cu matrix enables uniform lithium nucleation leading to super-stable lithium metal anodes. Energy Storage Materials, 2020, 29, 84-91.	9.5	64
41	Solid/Solid Interfacial Architecturing of Solid Polymer Electrolyteâ€“Based Allâ€Solidâ€State Lithiumâ€“Sulfur Batteries by Atomic Layer Deposition. Small, 2019, 15, e1903952.	5.2	62
42	Template-induced self-activation route for nitrogen-doped hierarchically porous carbon spheres for electric double layer capacitors. Carbon, 2018, 136, 204-210.	5.4	61
43	Surface-functionalized graphene-based quasi-solid-state Na-ion hybrid capacitors with excellent performance. Energy Storage Materials, 2018, 11, 8-15.	9.5	60
44	Biomass-derived porous carbon electrodes for high-performance supercapacitors. Journal of Materials Science, 2020, 55, 5166-5176.	1.7	60
45	Superlithiated Polydopamine Derivative for High-Capacity and High-Rate Anode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 38101-38108.	4.0	59
46	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
47	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
48	Enhanced electrochemical performance of sulfur cathodes with a water-soluble binder. RSC Advances, 2015, 5, 13709-13714.	1.7	57
49	Layer-by-layer self-assembled two-dimensional MXene/layered double hydroxide composites as cathode for alkaline hybrid batteries. Journal of Power Sources, 2018, 390, 208-214.	4.0	56
50	Rocking-chair Na-ion hybrid capacitor: a high energy/power system based on Na₃V₂O₂(PO₄)₂F@PEDOT coreâ€“shell nanorods. Journal of Materials Chemistry A, 2019, 7, 1030-1037.	5.2	56
51	A two-step etching route to ultrathin carbon nanosheets for high performance electrical double layer capacitors. Nanoscale, 2016, 8, 11136-11142.	2.8	53
52	Selfâ€Sacrificial Templateâ€Directed Synthesis of Metalâ€“Organic Frameworkâ€Derived Porous Carbon for Energyâ€Storage Devices. ChemElectroChem, 2016, 3, 668-674.	1.7	52
53	Nanospace-Confinement Copolymerization Strategy for Encapsulating Polymeric Sulfur into Porous Carbon for Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2015, 7, 11165-11171.	4.0	49
54	Self-supported electrodes of Na₂Ti₃O₇ nanoribbon array/graphene foam and graphene foam for quasi-solid-state Na-ion capacitors. Journal of Materials Chemistry A, 2017, 5, 5806-5812.	5.2	48

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55	Aerosolâ€Spray Pyrolysis toward Preparation of Nanostructured Materials for Batteries and Supercapacitors. Small Methods, 2018, 2, 1700272.	4.6	48
56	Structure-designed synthesis of yolkâ€“shell hollow ZnFe₂O₄/C@N-doped carbon sub-microspheres as a competitive anode for high-performance Li-ion batteries. Journal of Materials Chemistry A, 2018, 6, 17947-17958.	5.2	48
57	RbF as a Dendrite-Inhibiting Additive in Lithium Metal Batteries. ACS Applied Materials & Interfaces, 2019, 11, 20804-20811.	4.0	48
58	High energy aqueous sodium-ion capacitor enabled by polyimide electrode and high-concentrated electrolyte. Electrochimica Acta, 2018, 268, 512-519.	2.6	46
59	Nanohollow Carbon for Rechargeable Batteries: Ongoing Progresses and Challenges. Nano-Micro Letters, 2020, 12, 183.	14.4	45
60	Revisiting Charge Storage Mechanism of Reduced Graphene Oxide in Zinc Ion Hybrid Capacitor beyond the Contribution of Oxygenâ€Containing Groups. Advanced Functional Materials, 2022, 32, .	7.8	45
61	Hierarchically Porous Multilayered Carbon Barriers for Highâ€Performance Liâ€“S Batteries. Chemistry - A European Journal, 2018, 24, 3768-3775.	1.7	43
62	Fabrication of a sandwich structured electrode for high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2013, 1, 14280.	5.2	40
63	Porous Nitrogenâ€Doped Carbon Microspheres Derived from Microporous Polymeric Organic Frameworks for High Performance Electric Doubleâ€Layer Capacitors. Chemistry - A European Journal, 2015, 21, 2310-2314.	1.7	39
64	A functional interlayer as a polysulfides blocking layer for high-performance lithiumâ€“sulfur batteries. New Journal of Chemistry, 2018, 42, 1431-1436.	1.4	39
65	Zinc ion thermal charging cell for low-grade heat conversion and energy storage. Nature Communications, 2022, 13, 132.	5.8	37
66	Nitrogenated Urchinâ€like Nb₂O₅ Microspheres with Extraordinary Pseudocapacitive Properties for Lithiumâ€Ion Capacitors. ChemElectroChem, 2018, 5, 1516-1524.	1.7	36
67	Synthesis of hydrogenated TiO₂â€“reduced-graphene oxide nanocomposites and their application in high rate lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 9150-9155.	5.2	35
68	Nanospace-confined synthesis of oriented porous carbon nanosheets for high-performance electrical double layer capacitors. Journal of Materials Chemistry A, 2016, 4, 16879-16885.	5.2	33
69	Caterpillar-like graphene confining sulfur by restacking effect for high performance lithium sulfur batteries. Chemical Engineering Journal, 2017, 322, 454-462.	6.6	33
70	High Performance Aqueous Sodiumâ€Ion Capacitors Enabled by Pseudocapacitance of Layered MnO₂. Energy Technology, 2018, 6, 2146-2153.	1.8	32
71	Scalable synthesis of holey graphite nanosheets for supercapacitors with high volumetric capacitance. Nanoscale Horizons, 2019, 4, 526-530.	4.1	32
72	Highly Conductive and Lightweight Composite Film as Polysulfide Reservoir for Highâ€Performance Lithiumâ€“Sulfur Batteries. ChemElectroChem, 2017, 4, 362-368.	1.7	31

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73	Two Ï€â€Conjugated Covalent Organic Frameworks with Longâ€Term Cyclability at High Current Density for Lithium Ion Battery. Chemistry - A European Journal, 2019, 25, 15472-15476.	1.7	31
74	Confined Pyrolysis of ZIFâ€8 Polyhedrons Wrapped with Graphene Oxide Nanosheets to Prepare 3D Porous Carbon Heterostructures. Small Methods, 2019, 3, 1900277.	4.6	31
75	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
76	Enhanced Cycle Performance of Polyimide Cathode Using a Quasi-Solid-State Electrolyte. Journal of Physical Chemistry C, 2018, 122, 22294-22300.	1.5	30
77	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
78	Mesoporous carbon nanospheres inserting into graphene sheets for flexible supercapacitor film electrode. Materials Letters, 2016, 178, 304-307.	1.3	29
79	Lithium-ion capacitor based on nanoarchitectured polydopamine/graphene composite anode and porous graphene cathode. Carbon, 2020, 167, 627-633.	5.4	29
80	In Situ Tuning Residual Lithium Compounds and Constructing TiO₂ 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
81	Atomic Layer Deposition of Single Atomic Cobalt as a Catalytic Interlayer for Lithiumâ€“Sulfur Batteries. ACS Applied Energy Materials, 2020, 3, 11206-11212.	2.5	25
82	Dual Dopamine Derived Polydopamine Coated Nâ€Doped Porous Carbon Spheres as a Sulfur Host for Highâ€Performance Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2019, 25, 10710-10717.	1.7	22
83	Three-dimensional porous MXene-derived carbon/nickel-manganese double hydroxide composite for high-performance hybrid capacitor. Journal of Electroanalytical Chemistry, 2019, 836, 118-124.	1.9	21
84	General Strategy to Fabricate Ternary Metal Nitride/Carbon Nanofibers for Supercapacitors. ChemElectroChem, 2015, 2, 2020-2026.	1.7	19
85	Highâ€Voltage Li₂SiO₃â^LiNi_{0.5}Mn_{1.5}O₄ Hollow Spheres Prepared through In Situ Aerosol Spray Pyrolysis towards Highâ€Energy Liâ€Ion Batteries. ChemElectroChem, 2018, 5, 1212-1218.	1.7	19
86	Nanoâ€sized Titanium Nitride Functionalized Separator Improves Cycling Performance of Lithium Sulfur Batteries. ChemistrySelect, 2019, 4, 698-704.	0.7	19
87	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
88	A novel covalent organic framework with high-density imine groups for lithium storage as anode material in lithium-ion batteries. Journal of Materials Science, 2022, 57, 9980-9991.	1.7	18
89	Interconnected coreâ€“shell pyrolyzed polyacrylonitrile@sulfur/carbon nanocomposites for rechargeable lithiumâ€“sulfur batteries. New Journal of Chemistry, 2016, 40, 7680-7686.	1.4	17
90	Heteroatomâ€Doped Porous Carbon Nanosheets: General Preparation and Enhanced Capacitive Properties. Chemistry - A European Journal, 2016, 22, 16668-16674.	1.7	17

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91	Facile Synthesis of Nitrogenâ€Containing Mesoporous Carbon for Highâ€Performance Energy Storage Applications. Chemistry - A European Journal, 2016, 22, 4256-4262.	1.7	17
92	Nitrogenâ€Doped Porous Carbon Nanospheres from Natural Sepia Ink: Easy Preparation and Extraordinary Capacitive Performance. ChemNanoMat, 2017, 3, 895-901.	1.5	17
93	Mechano-chemical synthesis of nanostructured FePO₄/MWCNTs composites as cathode materials for lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 19536-19541.	5.2	16
94	Facile In Situ 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
95	Rational Design of a Piezoelectric BaTiO₃ Nanodot Surfaceâ€Modified LiNi_{0.6}Co_{0.2}Mn_{0.2}O₂ Cathode Material for Highâ€Rate Lithiumâ€Ion Batteries. ChemElectroChem, 2020, 7, 3646-3652.	1.7	15
96	Electrospinning oxygen-vacant TiNb24O62 nanowires simultaneously boosts electrons and ions transmission capacities toward superior lithium storage. Electrochimica Acta, 2021, 388, 138656.	2.6	14
97	High-voltage aqueous symmetric electrochemical capacitor based on Ru0.7Sn0.3O2Â·nH2O electrodes in 1ÂM KOH. Journal of Solid State Electrochemistry, 2008, 12, 1645-1652.	1.2	13
98	Porous Silicon@Polythiophene Coreâ€“Shell Nanospheres for Lithiumâ€Ion Batteries. Particle and Particle Systems Characterization, 2016, 33, 75-81.	1.2	13
99	Rigid Polyimide Buffering Layer Enabling Silicon Nanoparticles Prolonged Cycling Life for Lithium Storage. ACS Applied Energy Materials, 2018, 1, 948-955.	2.5	12
100	Graphene scrolls coated Sb2S3 nanowires as anodes for sodium and lithium ion batteries. Nano Structures Nano Objects, 2018, 15, 197-204.	1.9	12
101	Stabilization of a 4.7â€…V Highâ€Voltage Nickelâ€Rich Layered Oxide Cathode for Lithiumâ€Ion Batteries through Boronâ€Based Surface Residual Lithiumâ€Tuned Interface Modification Engineering. ChemElectroChem, 2021, 8, 2014-2021.	1.7	11
102	B-doped SiOx composite with three dimensional conductive network for high performance lithium-ion battery anode. Journal of Materiomics, 2021, 7, 802-809.	2.8	11
103	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
104	Targeted Deposition in a Lithiophilic Silverâ€Modified 3D Cu Host for Lithiumâ€Metal Anodes. Energy and Environmental Materials, 2023, 6, .	7.3	11
105	MnO2/carbon nanotube free-standing electrode recycled from spent manganese-oxygen battery as high-performance supercapacitor material. Journal of Materials Science, 2022, 57, 8818-8827.	1.7	11
106	Functionalized ionic liquid-assisted mechanochemical synthesis of graphene nanosheet/polypyrrole nanocomposites. Materials Letters, 2012, 71, 57-59.	1.3	10
107	Encapsulating Oxygenâ€Deficient TiNb₂₄O₆₂ Microspheres by Nâ€Doped Carbon Nanolayer Boosts Capacity and Stability of Lithiumâ€Ion Battery. Batteries and Supercaps, 2020, 3, 1360-1369.	2.4	10
108	Deep Eutectic Solventâ€Induced Polyacrylonitrileâ€Derived Hierarchical Porous Carbon for Zincâ€Ion Hybrid Supercapacitors. Batteries and Supercaps, 2021, 4, 680-686.	2.4	10

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109	An in situ confinement strategy to porous poly(3,4-ethylenedioxythiophene)/sulfur composites for lithiumâ€“sulfur batteries. RSC Advances, 2016, 6, 47858-47863.	1.7	9
110	Compressed and Crumpled Porous Carbon Electrode for High Volumetric Performance Electrical Doubleâ€Layer Capacitors. Energy Technology, 2019, 7, 1900209.	1.8	9
111	Tailored Hierarchical Porous Carbon through Template Modification for Antifreezing Quasiâ€Solidâ€State Zinc Ion Hybrid Supercapacitors. Advanced Energy and Sustainability Research, 2021, 2, 2000112.	2.8	9
112	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
113	Three-dimensional graphene nanosheets/carbon nanotube paper as flexible electrodes for electrochemical capacitors. RSC Advances, 2015, 5, 22173-22177.	1.7	7
114	Fabrication of a Covalent Triazine Framework Functional Interlayer for High-Performance Lithiumâ€“Sulfur Batteries. Nanomaterials, 2022, 12, 255.	1.9	7
115	Thermally Chargeable Ammoniumâ€Ion Capacitor for Energy Storage and Lowâ€Grade Heat Harvesting. Batteries and Supercaps, 2022, 5, .	2.4	7
116	Three-Dimensional Cross-Linked Binder Based on Ionic Bonding for a High-Performance SiO_x Anode in Lithium-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 4788-4795.	2.5	7
117	A Facile Surface Passivation Method to Stabilized Lithium Metal Anodes Facilitate the Practical Application of Quasiâ€Solidâ€State Batteries. Advanced Materials Interfaces, 2022, 9, .	1.9	6
118	Catalytic Growth of Graphitic Carbonâ€Coated Silicon as Highâ€Performance Anodes for Lithium Storage. Energy Technology, 2019, 7, 1900502.	1.8	5
119	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
120	3D Printed Multilayer Graphite@SiO Structural Anode for Highâ€Loading Lithiumâ€Ion Battery. Batteries and Supercaps, 2022, 5, .	2.4	5
121	Simple and mass-produced mechanochemical preparation of graphene nanosheet/polyaniline composite assisted with bifunctional ionic liquid. Functional Materials Letters, 2016, 09, 1650041.	0.7	4
122	Successive Cationic and Anionic (De)â€Intercalation/ Incorporation into an Ionâ€Doped Radical Conducting Polymer. Batteries and Supercaps, 2019, 2, 979-984.	2.4	4
123	Thermally Chargeable Proton Capacitor Based on Redoxâ€Active Effect for Energy Storage and Lowâ€Grade Heat Conversion. Energy and Environmental Materials, 2023, 6, .	7.3	4
124	Insight into the reversible conversionâ€“(de)incorporation of redox-active dopants within a polymer-based electrode. Chemical Communications, 2021, 57, 6780-6783.	2.2	2
125	Nb₃O₇F mesocrystals: orientation formation and application in lithium ion capacitors. CrystEngComm, 2021, 23, 6012-6022.	1.3	2
126	A Highâ€Voltage Lithiumâ€Metal Batteries Electrolyte Based on Fullyâ€Methylated Pivalonitrile. Batteries and Supercaps, 2022, 5, .	2.4	2

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127	Frontispiece: Porous Nitrogen-Doped Carbon Microspheres Derived from Microporous Polymeric Organic Frameworks for High Performance Electric Double-Layer Capacitors. Chemistry - A European Journal, 2015, 21, .	1.7	0