

Huaihe Song

List of Publications by Year in descending order

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163
papers

9,930
citations

31976

53
h-index

40979

93
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164
all docs

164
docs citations

164
times ranked

10959
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ pre-lithiated onion-like SiOC/C anode materials based on metallasilsesquioxanes for Li-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 428, 132125.	12.7	25
2	Woven microsphere architected by carbon nanotubes as high-performance potassium ion batteries anodes. <i>Chemical Engineering Journal</i> , 2022, 429, 132272.	12.7	13
3	Graphene quantum dot inlaid carbon nanofibers: Revealing the edge activity for ultrahigh rate pseudocapacitive energy storage. <i>Energy Storage Materials</i> , 2022, 47, 158-166.	18.0	23
4	A General Multi-Interface Strategy toward Densified Carbon Materials with Enhanced Comprehensive Electrochemical Performance for Li/Na-ion Batteries. <i>Small</i> , 2022, 18, e2105738.	10.0	21
5	Sodium Storage Mechanism of Nongraphitic Carbons: A General Model and the Function of Accessible Closed Pores. <i>Chemistry of Materials</i> , 2022, 34, 3489-3500.	6.7	40
6	Structural and Compositional Modulation of Porous Carbon for High-Performance Photothermal Water Evaporation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4013-4021.	6.7	18
7	Binary self-assembly of ordered Bi ₄ Se ₃ /Bi ₂ O ₂ Se lamellar architecture embedded into CNTs@Graphene as a binder-free electrode for superb Na-Ion storage. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 168-178.	9.4	13
8	Review—Influencing Factors and Suppressing Strategies of the Self-Discharge for Carbon Electrode Materials in Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2022, 169, 030504.	2.9	10
9	Sodium alginate-derived porous carbon: Self-template carbonization mechanism and application in capacitive energy storage. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 284-292.	9.4	21
10	Laser-modified graphitic onion-like carbon as anode for lithium/potassium-ion batteries. <i>Carbon</i> , 2022, 192, 347-355.	10.3	18
11	B, N stabilization effect on multicavity carbon microspheres for boosting durable and fast potassium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 24-34.	9.4	13
12	Improving the surface area of metal organic framework-derived porous carbon through constructing inner support by compatible graphene quantum dots. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 77-85.	9.4	22
13	N-Doped Hierarchically Porous Carbon Aerogels by Controlling the Zn-Chitosan Complex Ratio for High-Performance Supercapacitors. <i>Energy & Fuels</i> , 2022, 36, 5920-5927.	5.1	11
14	Lithiophilic onion-like carbon spheres as lithium metal uniform deposition host. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 783-792.	9.4	12
15	Good microbial affinity of phenolic carbon felt as an efficient anode for microbial fuel cells. <i>Bioelectrochemistry</i> , 2021, 138, 107700.	4.6	10
16	Carbon supports on preparing iron-nitrogen dual-doped carbon (Fe-N/C) electrocatalysts for microbial fuel cells: mini-review. <i>Chemosphere</i> , 2021, 273, 128570.	8.2	13
17	Cu-based MOF-derived porous carbon with highly efficient photothermal conversion performance for solar steam evaporation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16805-16813.	10.3	72
18	N, O co-doped urchin-like carbon microspheres as high-performance anode materials for lithium ion batteries. <i>Solid State Ionics</i> , 2021, 361, 115562.	2.7	9

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19	MnO/C-graphene composite aerogels with uniform nanoparticles anchored on GNS as high-capacity and long-life anode materials promoted by pseudocapacitance. <i>Applied Surface Science</i> , 2021, 545, 148913.	6.1	5
20	Reconstructed Nano-Si Assembled Microsphere via Molten Salt-Assisted Low-Temperature Aluminothermic Reduction of Diatomite as High-Performance Anodes for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 6146-6153.	5.1	19
21	Nitrogen-Doped Porous Carbon Nanosheets with Ultrahigh Capacity and Quasicapacitive Energy Storage Performance for Lithium and Sodium Storage Applications. <i>Energy Technology</i> , 2021, 9, 2100309.	3.8	4
22	Achieving Cycling Durability of Lithium-Sulfur Batteries via Capturing Polysulfides through a Three-Dimensional Interconnected Carbon Network Anchored with Ultrafine FeS Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38229-38238.	8.0	9
23	N-doped hierarchical porous hollow carbon spheres with multi-cavities for high performance Na-ion storage. <i>Journal of Power Sources</i> , 2021, 506, 230170.	7.8	21
24	Metallasilsesquioxane-derived ultrathin porous carbon nanosheet 3D architectures <i>in situ</i> dual templating strategy for ultrafast sodium storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6423-6431.	10.3	23
25	Constructing 3D Interconnected Si/SiO _x /C Nanorings from Polyhedral Oligomeric Silsesquioxane. <i>Small</i> , 2021, 17, e2103926.	10.0	10
26	Efficient Utilization of the Active Sites in Defective Graphene Blocks through Functionalization Synergy for Compact Capacitive Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57092-57099.	8.0	23
27	The structural properties of chemically derived graphene nanosheets/mesophase pitch-based composite carbon fibers with high conductivities. <i>Carbon</i> , 2020, 156, 499-505.	10.3	24
28	Three-dimensional porous carbon doped with N, O and P heteroatoms as high-performance anode materials for sodium ion batteries. <i>Chemical Engineering Journal</i> , 2020, 380, 122457.	12.7	102
29	One-step synthesis of spherical Si/C composites with onion-like buffer structure as high-performance anodes for lithium-ion batteries. <i>Energy Storage Materials</i> , 2020, 24, 312-318.	18.0	141
30	Polysulfides anchoring and enhanced electrochemical kinetics of 3D flower-like FeS/carbon assembly materials for lithium-sulfur battery. <i>Applied Surface Science</i> , 2020, 508, 145286.	6.1	52
31	Mesopore-dominated hollow carbon nanoparticles prepared by simple air oxidation of carbon black for high mass loading supercapacitors. <i>Carbon</i> , 2020, 160, 328-334.	10.3	58
32	A novel strategy for the synthesis of hard carbon spheres encapsulated with graphene networks as a low-cost and large-scalable anode material for fast sodium storage with an ultralong cycle life. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 402-410.	6.0	128
33	Improving electron transport efficiency and power density by continuous carbon fibers as anode in the microbial fuel cell. <i>Journal of Electroanalytical Chemistry</i> , 2020, 857, 113743.	3.8	7
34	Three-Dimensional Hierarchical Porous Structures Constructed by Two-Stage MXene-Wrapped Si Nanoparticles for Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48718-48728.	8.0	45
35	Carbon materials for high mass-loading supercapacitors: filling the gap between new materials and practical applications. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21930-21946.	10.3	94
36	Pitch-Based Laminated Carbon Formed by Pressure Driving at Low Temperature as High-Capacity Anodes for Lithium Energy Storage Systems. <i>Chemistry - A European Journal</i> , 2020, 26, 16514-16520.	3.3	14

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37	B, N co-doped carbon nanosheets derived from graphene quantum dots: Improving the pseudocapacitive performance by efficient trapping nitrogen. <i>Applied Surface Science</i> , 2020, 529, 147239.	6.1	41
38	Construction of a secondary conductive and buffer structure towards high-performance Si anodes for Li-ion batteries. <i>Electrochimica Acta</i> , 2020, 354, 136767.	5.2	10
39	Modulating the defects of graphene blocks by ball-milling for ultrahigh gravimetric and volumetric performance and fast sodium storage. <i>Energy Storage Materials</i> , 2020, 30, 287-295.	18.0	66
40	Volumetric buffering of manganese dioxide nanotubes by employing C_{60} as isâ€™™ graphene oxide: An approach towards stable metal oxide anode material in lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155803.	5.5	40
41	Preparation of pitch-based carbon microbeads by a simultaneous spheroidization and stabilization process for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2020, 400, 125948.	12.7	49
42	Facile Fabrication of High-Performance Si/C Anode Materials via AlCl_3 -Assisted Magnesiothermic Reduction of Phenyl-Rich Polyhedral Silsesquioxanes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15202-15210.	8.0	22
43	Intercalation of copper microparticles in an expanded graphite film with improved through-plane thermal conductivity. <i>Journal of Materials Science</i> , 2020, 55, 7351-7358.	3.7	4
44	Undercooling-directed NaCl crystallization: an approach towards nanocavity-linked graphene networks for fast lithium and sodium storage. <i>Nanoscale</i> , 2020, 12, 7622-7630.	5.6	19
45	Graphene Quantum Dot Reinforced Electrospun Carbon Nanofiber Fabrics with High Surface Area for Ultrahigh Rate Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11669-11678.	8.0	67
46	Spray-freezing induced multidimensional morphology tuning of assembled spherical carbon for solar-driven steam generation. <i>Carbon</i> , 2020, 162, 481-489.	10.3	12
47	The Interaction between Electricigens and Carbon Nanotube Forest and Electricity Generation Performance in MFC. <i>Energy Technology</i> , 2019, 7, 188-192.	3.8	3
48	Carbon nanion-assembled microspheres for excellent gravimetric and volumetric Na-Ion storage. <i>Carbon</i> , 2019, 153, 298-307.	10.3	22
49	Nitrogen-rich carbon-onion-constructed nanosheets: an ultrafast and ultrastable dual anode material for sodium and potassium storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18499-18509.	10.3	64
50	Heteroatom-doped hollow carbon spheres made from polyaniline as an electrode material for supercapacitors. <i>RSC Advances</i> , 2019, 9, 15868-15873.	3.6	8
51	Increased power generation from cylindrical microbial fuel cell inoculated with <i>P. aeruginosa</i> . <i>Biosensors and Bioelectronics</i> , 2019, 141, 111394.	10.1	41
52	Flake-like carbon coated Mn_2SnO_4 nanoparticles as anode material for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2019, 372, 269-276.	12.7	22
53	MOF-templated self-polymerization of <i>p</i> -phenylenediamine to a polymer with a hollow box-assembled spherical structure. <i>Chemical Communications</i> , 2019, 55, 4071-4074.	4.1	15
54	Boosting the Electrical Double-Layer Capacitance of Graphene by Self-Doped Defects through Ball-Milling. <i>Advanced Functional Materials</i> , 2019, 29, 1901127.	14.9	258

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55	Understanding the structural transformation of carbon black from solid spheres to hollow polyhedra during high temperature treatment. <i>RSC Advances</i> , 2019, 9, 29779-29783.	3.6	9
56	The influence of chemical constitution on the structure and properties of polyimide fibre and their graphite fibre. <i>Polymer</i> , 2019, 165, 142-151.	3.8	10
57	Enhanced lithium storage performance of hierarchical CuO nanomaterials with surface fractal characteristics. <i>Applied Surface Science</i> , 2018, 443, 382-388.	6.1	15
58	Tailoring Highly N-Doped Carbon Materials from Hexamine-Based MOFs: Superior Performance and New Insight into the Roles of N Configurations in Na-Ion Storage. <i>Small</i> , 2018, 14, e1703548.	10.0	98
59	Pliable Embedded-Type Paper Electrode of Hollow Metal Oxide@Porous Graphene with Abnormal but Superior Rate Capability for Lithium-Ion Storage. <i>ACS Applied Energy Materials</i> , 2018, 1, 48-55.	5.1	15
60	Nitrogen-doped biomass-based ultra-thin carbon nanosheets with interconnected framework for High-Performance Lithium-Ion Batteries. <i>Applied Surface Science</i> , 2018, 437, 136-143.	6.1	69
61	Fe/N-doped graphene with rod-like CNTs as an air-cathode catalyst in microbial fuel cells. <i>RSC Advances</i> , 2018, 8, 1203-1209.	3.6	23
62	Crystallization-Induced Morphological Tuning Toward Denim-like Graphene Nanosheets in a KCl-Copolymer Solution. <i>ACS Nano</i> , 2018, 12, 4019-4024.	14.6	32
63	Na-Ion Storage Behaviors of Quadrangular Herringbone-Carbon Nanotubes in Ether- and Ester-Based Electrolyte Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17184-17193.	6.7	14
64	Two-Dimensional NiSe ₂ /N-Rich Carbon Nanocomposites Derived from Ni-Hexamine Frameworks for Superb Na-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34193-34201.	8.0	110
65	Metal-organic framework-templated porous SnO/C polyhedrons for high-performance lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 289, 389-396.	5.2	40
66	Graphene-wrapped CoNi-layered double hydroxide microspheres as a new anode material for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16437-16443.	2.8	41
67	2D Zn-Hexamine Coordination Frameworks and Their Derived N-Rich Porous Carbon Nanosheets for Ultrafast Sodium Storage. <i>Advanced Energy Materials</i> , 2018, 8, 1800569.	19.5	150
68	The Non-Ignorable Impact of Surface Oxygen Groups on the Electrochemical Performance of N/O Dual-Doped Carbon Anodes for Sodium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1447-A1454.	2.9	44
69	Metal-Organophosphine Framework-Derived N,P-Codoped Carbon-Confined Cu ₃ P Nanoparticles for Superb Na-Ion Storage. <i>Advanced Energy Materials</i> , 2018, 8, 1801489.	19.5	92
70	Thermal-exfoliated synthesis of N-rich carbon-based nanosheets from layered bulk crystals of a metal-organic hexamine framework. <i>Chemical Communications</i> , 2018, 54, 9825-9828.	4.1	24
71	Compositional and Structural Evolutions of Zn-Based Metal-Organic Frameworks During Pyrolysis. <i>Journal of Physical Chemistry C</i> , 2018, 122, 17278-17286.	3.1	28
72	Graphitic Carbon Nanocage as a Stable and High Power Anode for Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1801149.	19.5	442

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73	Graphene-Loaded Bi ₂ Se ₃ : A Conversion-type Alloying-type Anode Material for Ultrafast Gravimetric and Volumetric Na Storage. ACS Applied Materials & Interfaces, 2018, 10, 30379-30387.	8.0	83
74	Achieving Ultrafast and Stable Na-Ion Storage in FeSe ₂ Nanorods/Graphene Anodes by Controlling the Surface Oxide. ACS Applied Materials & Interfaces, 2018, 10, 22841-22850.	8.0	69
75	MOF-derived multifractal porous carbon with ultrahigh lithium-ion storage performance. Scientific Reports, 2017, 7, 40574.	3.3	36
76	Preparation and Lithium-Storage Performance of a Novel Hierarchical Porous Carbon from Sucrose Using Mg-Al Layered Double Hydroxides as Template. Electrochimica Acta, 2017, 231, 153-161.	5.2	24
77	Sn-Co nanoalloys embedded in porous N-doped carbon microboxes as a stable anode material for lithium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 5873-5879.	10.3	107
78	Improving the performance of microbial fuel cells by reducing the inherent resistivity of carbon fiber brush anodes. Journal of Power Sources, 2017, 348, 193-200.	7.8	35
79	ZnO nanosheet/squeezebox-like porous carbon composites synthesized by in situ pyrolysis of a mixed-ligand metal-organic framework. Journal of Materials Chemistry A, 2017, 5, 5934-5942.	10.3	31
80	Insights on Tuning the Nanostructure of rGO Laminate Membranes for Low Pressure Osmosis Process. ACS Applied Materials & Interfaces, 2017, 9, 22509-22517.	8.0	35
81	Heteroatom-doped multilocular carbon nanospheres with high surface utilization and excellent rate capability as electrode material for supercapacitors. Electrochimica Acta, 2017, 236, 53-60.	5.2	31
82	Polyurethane Modified with Zeolite 4A for the Controlled Release of Urea. Polymer-Plastics Technology and Engineering, 2017, 56, 866-872.	1.9	5
83	A general strategy towards carbon nanosheets from triblock polymers as high-rate anode materials for lithium and sodium ion batteries. Journal of Materials Chemistry A, 2017, 5, 19866-19874.	10.3	93
84	Construction of hierarchical porous carbon nanosheets from template-assisted assembly of coal-based graphene quantum dots for high performance supercapacitor electrodes. Materials Today Energy, 2017, 6, 36-45.	4.7	74
85	Electrospun cross-linked carbon nanofiber films as free-standing and binder-free anodes with superior rate performance and long-term cycling stability for sodium ion storage. Journal of Materials Chemistry A, 2017, 5, 21343-21352.	10.3	49
86	Fabrication of hierarchical porous carbon microspheres using porous layered double oxide templates for high-performance lithium ion batteries. Carbon, 2017, 123, 186-192.	10.3	43
87	Preparation and Structural Analysis of Magnesium Oxide Aerogels. MRS Advances, 2017, 2, 3505-3510.	0.9	1
88	Perovskite framework NH ₄ FeF ₃ /carbon composite nanosheets as a potential anode material for Li and Na ion storage. Journal of Materials Chemistry A, 2017, 5, 19280-19288.	10.3	27
89	Capacity Enhancement of Porous Carbon Electrodes during Long-Term Cycling in Lithium-Ion Batteries. Journal of the Electrochemical Society, 2017, 164, A2000-A2006.	2.9	42
90	The effect of doping graphene oxide on the structure and property of polyimide-based graphite fibre. RSC Advances, 2017, 7, 56602-56610.	3.6	18

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91	Mesoporous soft carbon as an anode material for sodium ion batteries with superior rate and cycling performance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6472-6478.	10.3	319
92	Effects of graphene oxide addition on the synthesis and supercapacitor performance of carbon aerogel particles. <i>RSC Advances</i> , 2016, 6, 40683-40690.	3.6	15
93	A universal strategy to prepare porous graphene films: binder-free anodes for high-rate lithium-ion and sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8837-8843.	10.3	61
94	Rod-like Ordered Mesoporous Carbons with Various Lengths as Anode Materials for Sodium Ion Battery. <i>Electrochimica Acta</i> , 2016, 218, 285-293.	5.2	22
95	Branched carbon-encapsulated MnS core/shell nanochains prepared via oriented attachment for lithium-ion storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12098-12105.	10.3	72
96	Leaky graphene oxide with high quantum yield and dual-wavelength photoluminescence. <i>Carbon</i> , 2016, 108, 461-470.	10.3	21
97	Two dimensional layered Co _{0.85} Se nanosheets as a high-capacity anode for lithium-ion batteries. <i>Nanoscale</i> , 2016, 8, 14992-15000.	5.6	90
98	Amorphous Fe ₂ O ₃ /Graphene Composite Nanosheets with Enhanced Electrochemical Performance for Sodium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30899-30907.	8.0	171
99	Graphene quantum dots as the electrolyte for solid state supercapacitors. <i>Scientific Reports</i> , 2016, 6, 19292.	3.3	46
100	Hybrid 2D Graphene/VN Quantum Dots for Superior Lithium and Sodium Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1502067.	19.5	76
101	MoS ₂ Surface Structure Tailoring via Carbonaceous Promoter. <i>Scientific Reports</i> , 2015, 5, 10378.	3.3	28
102	Highly flexible silica aerogels derived from methyltriethoxysilane and polydimethylsiloxane. <i>New Journal of Chemistry</i> , 2015, 39, 7832-7838.	2.8	47
103	Preparation of Nitrogen-Doped Carbon Spheres by Injecting Pyrolysis of Pyridine. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1786-1793.	6.7	41
104	Effects of nitrogen- and oxygen-containing functional groups of activated carbon nanotubes on the electrochemical performance in supercapacitors. <i>Journal of Power Sources</i> , 2015, 285, 303-309.	7.8	182
105	Lithiation Confined in One Dimensional Nanospace of TiO ₂ (Anatase) Nanotube to Enhance the Lithium Storage Property of CuO Nanowires. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22372-22379.	8.0	14
106	The effect of liquid stabilization on the structures and the conductive properties of polyimide-based graphite fibers. <i>RSC Advances</i> , 2015, 5, 79565-79571.	3.6	7
107	New insight into the heteroatom-doped carbon as the electrode material for supercapacitors. <i>Electrochimica Acta</i> , 2015, 180, 879-886.	5.2	71
108	Direct amination of Si nanoparticles for the preparation of Si@ultrathin SiO _x @graphene nanosheets as high performance lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19892-19900.	10.3	76

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109	Morphology control and supercapacitor performance of resorcinol-formaldehyde-based carbon particles upon Ni loading in an inverse emulsion system. RSC Advances, 2015, 5, 78526-78533.	3.6	8
110	Low-density graphene/carbon composite aerogels prepared at ambient pressure with high mechanical strength and low thermal conductivity. RSC Advances, 2015, 5, 5197-5204.	3.6	49
111	Carbon-Nanotube-Encapsulated FeF ₂ Nanorods for High-Performance Lithium-Ion Cathode Materials. ACS Applied Materials & Interfaces, 2014, 6, 21223-21229.	8.0	63
112	Copper oxide nanowire arrays synthesized by in-situ thermal oxidation as an anode material for lithium-ion batteries. Electrochimica Acta, 2014, 132, 42-48.	5.2	68
113	Control of graphitization degree and defects of carbon blacks through ball-milling. RSC Advances, 2014, 4, 505-509.	3.6	55
114	From solid carbon sources to carbon nanotubes: a general water-assisted approach. RSC Advances, 2014, 4, 54244-54248.	3.6	4
115	Towards Si@SiO ₂ -core-shell, yolk-shell, and SiO ₂ -hollow structures from Si nanoparticles through a self-templated etching-deposition process. RSC Advances, 2014, 4, 29435-29438.	3.6	8
116	Free-standing cobalt hydroxide nanoplatelet array formed by growth of preferential-orientation on graphene nanosheets as anode material for lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 20706-20713.	10.3	58
117	Synthesis of monolithic zirconia aerogel via a nitric acid assisted epoxide addition method. RSC Advances, 2014, 4, 31666.	3.6	21
118	New protocol for synthesis of new nanomaterials with continuous 3D networks. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	1
119	Enhanced electrochemical performance of MnO nanowire/graphene composite during cycling as the anode material for lithium-ion batteries. Nano Energy, 2014, 10, 172-180.	16.0	171
120	Tremella-like graphene/polyaniline spherical electrode material for supercapacitors. Electrochimica Acta, 2014, 146, 511-517.	5.2	28
121	“Butterfly Effect” in CuO/Graphene Composite Nanosheets: A Small Interfacial Adjustment Triggers Big Changes in Electronic Structure and Li-Ion Storage Performance. ACS Applied Materials & Interfaces, 2014, 6, 17236-17244.	8.0	110
122	Wrinkled reduced graphene oxide nanosheets for highly sensitive and easy recoverable NH ₃ gas detector. RSC Advances, 2014, 4, 46930-46933.	3.6	28
123	Effects of copper nitrate addition on the pore property and lithium storage performance of hierarchical porous carbon nanosheets from phenolic resin. Electrochimica Acta, 2014, 127, 186-192.	5.2	30
124	Can closed shell graphitic materials be exfoliated? Defect induced porphyrin-like graphene from the cooperation of activation and oxidation. Journal of Materials Chemistry A, 2013, 1, 14103.	10.3	23
125	CuO nanowire growth on Cu ₂ O by in situ thermal oxidation in air. CrystEngComm, 2013, 15, 8559.	2.6	29
126	Transformation of Lewis acid during the carbonization and graphitization of mesophase pitches. Journal of Analytical and Applied Pyrolysis, 2013, 104, 433-440.	5.5	6

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127	Onion-like carbon matrix supported Co ₃ O ₄ nanocomposites: a highly reversible anode material for lithium ion batteries with excellent cycling stability. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5212.	10.3	77
128	One step synthesis and capacitive performance of graphene nanosheets/Mn ₃ O ₄ composite. <i>Electrochimica Acta</i> , 2013, 89, 18-23.	5.2	77
129	The coalescence and reconstruction of closed-shell graphitic carbon: from a nanosized polyhedron to a micron-sized dish stacked structure by KOH activation. <i>RSC Advances</i> , 2013, 3, 6117.	3.6	3
130	Phase transition and huge ferroelectric polarization observed in BiFe _{1-x} GaxO ₃ thin films. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	42
131	Hierarchical porous carbon nanosheets and their favorable high-rate performance in lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2012, 22, 12369.	6.7	163
132	Relationship between intrinsic capacitance and thickness of graphene nanosheets. <i>Journal of Materials Chemistry</i> , 2012, 22, 13091.	6.7	9
133	How graphene is exfoliated from graphitic materials: synergistic effect of oxidation and intercalation processes in open, semi-closed, and closed carbon systems. <i>Journal of Materials Chemistry</i> , 2012, 22, 22150.	6.7	46
134	Two dimensional graphene-Sn ₂ hybrids with superior rate capability for lithium ion storage. <i>Energy and Environmental Science</i> , 2012, 5, 5226-5230.	30.8	386
135	Enhanced Lithium Ion Storage Property of Sn Nanoparticles: The Confinement Effect of Few-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22774-22779.	3.1	44
136	Ti _x Sn _{1-x} O ₃ solid solution as an anode material in lithium-ion batteries. <i>Electrochimica Acta</i> , 2012, 72, 186-191.	5.2	17
137	Morphology control of ordered mesoporous carbons by changing HCl concentration. <i>Journal of Materials Chemistry</i> , 2011, 21, 5345.	6.7	24
138	Iron sulfide-embedded carbon microsphere anode material with high-rate performance for lithium-ion batteries. <i>Chemical Communications</i> , 2011, 47, 8653.	4.1	156
139	Magnetite/graphene nanosheet composites: interfacial interaction and its impact on the durable high-rate performance in lithium-ion batteries. <i>RSC Advances</i> , 2011, 1, 782.	3.6	332
140	Direct synthesis of flat cake-type ordered mesoporous carbon in a double surfactant system of P123/CTAB. <i>Journal of Materials Chemistry</i> , 2011, 21, 5576.	6.7	19
141	Electrochemical properties of nitrogen-doped carbon nanotube anode in Li-ion batteries. <i>Carbon</i> , 2011, 49, 4013-4023.	10.3	322
142	Durable high-rate performance of CuO hollow nanoparticles/graphene-nanosheet composite anode material for lithium-ion batteries. <i>Electrochemistry Communications</i> , 2011, 13, 1357-1360.	4.7	114
143	Electronic state of polyaniline deposited on carbon nanotube or ordered mesoporous carbon templates. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 2484-2487.	1.5	24
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