Xin-Bing Cheng

List of Publications by Year
in descending order

123 papers	32,899 citations	7096 78 h-index	12946 131 g-index
140 all docs	140 docs citations	140 times ranked	14427 citing authors

#	Article	IF	Citations
1	Unlocking the Failure Mechanism of Solid State Lithium Metal Batteries. Advanced Energy Materials, 2022, 12, 2100748.	19.5	129
2	Dual-layer vermiculite nanosheet based hybrid film to suppress dendrite growth in lithium metal batteries. Journal of Energy Chemistry, 2022, 69, 205-210.	12.9	23
3	High sulfur-doped hard carbon anode from polystyrene with enhanced capacity and stability for potassium-ion storage. Journal of Energy Chemistry, 2022, 68, 688-698.	12.9	22
4	Plating current density distribution of lithium metal anodes in pouch cells. Journal of Energy Chemistry, 2022, 69, 70-75.	12.9	15
5	Thermal safety of dendritic lithium against non-aqueous electrolyte in pouch-type lithium metal batteries. Journal of Energy Chemistry, 2022, 72, 158-165.	12.9	65
6	A two-dimension laminar composite protective layer for dendrite-free lithium metal anode. Journal of Energy Chemistry, 2021, 56, 391-394.	12.9	26
7	Formation mechanism of the solid electrolyte interphase in different ester electrolytes. Journal of Materials Chemistry A, 2021, 9, 19664-19668.	10.3	59
8	Critical Current Density in Solidâ€State Lithium Metal Batteries: Mechanism, Influences, and Strategies. Advanced Functional Materials, 2021, 31, 2009925.	14.9	239
9	A perspective on sustainable energy materials for lithium batteries. SusMat, 2021, 1, 38-50.	14.9	208
10	Mechanism understanding for stripping electrochemistry of Li metal anode. SusMat, 2021, 1, 506-536.	14.9	93
11	Improved interfacial electronic contacts powering high sulfur utilization in all-solid-state lithiumâ€“sulfur batteries. Energy Storage Materials, 2020, 25, 436-442.	18.0	85
12	Three-Dimensional Superlithiophilic Interphase for Dendrite-Free Lithium Metal Anodes. ACS Applied Materials & Interfaces, 2020, 12, 5767-5774.	8.0	36
13	Rational design of two-dimensional nanomaterials for lithiumâ€“sulfur batteries. Energy and Environmental Science, 2020, 13, 1049-1075.	30.8	285
14	InnenrÃ¼cktitelbild: A Diffusionâ€âReaction Competition Mechanism to Tailor Lithium Deposition for Lithiumâ€Metal Batteries (Angew. Chem. 20/2020). Angewandte Chemie, 2020, 132, 8041-8041.	2.0	0
15	Interfacial redox behaviors of sulfide electrolytes in fast-charging all-solid-state lithium metal batteries. Energy Storage Materials, 2020, 31, 267-273.	18.0	45
16	Solid Electrolyte Interphase: The Failure of Solid Electrolyte Interphase on Li Metal Anode: Structural Uniformity or Mechanical Strength? (Adv. Energy Mater. 10/2020). Advanced Energy Materials, 2020, 10, 2070045.	19.5	2
17	A Diffusionâ€âReaction Competition Mechanism to Tailor Lithium Deposition for Lithiumâ€Metal Batteries. Angewandte Chemie - International Edition, 2020, 59, 7743-7747.	13.8	219
18	Slurryâ€Coated Sulfur/Sulfide Cathode with Li Metal Anode for Allâ€Solidâ€State Lithiumâ€Sulfur Pouch Cells. Batteries and Supercaps, 2020, 3, 596-603.	4.7	50

#	Article	IF	Citations
19	A Diffusionâ€â€Reaction Competition Mechanism to Tailor Lithium Deposition for Lithiumâ€Metal Batteries. Angewandte Chemie, 2020, 132, 7817-7821.	2.0	37
20	Controlling Dendrite Growth in Solid-State Electrolytes. ACS Energy Letters, 2020, 5, 833-843.	17.4	322
21	The Failure of Solid Electrolyte Interphase on Li Metal Anode: Structural Uniformity or Mechanical Strength?. Advanced Energy Materials, 2020, 10, 1903645.	19.5	182
22	Artificial Interphases for Highly Stable Lithium Metal Anode. Matter, 2019, 1, 317-344.	10.0	508
23	Electrochemical Diagram of an Ultrathin Lithium Metal Anode in Pouch Cells. Advanced Materials, 2019, 31, e1902785.	21.0	121
24	Recent advances in understanding dendrite growth on alkali metal anodes. EnergyChem, 2019, 1, 100003.	19.1	146
25	A Coaxialâ€Interweaved Hybrid Lithium Metal Anode for Longâ€Lifespan Lithium Metal Batteries. Advanced Energy Materials, 2019, 9, 1901932.	19.5	73
26	Plating/Stripping Behavior of Actual Lithium Metal Anode. Advanced Energy Materials, 2019, 9, 1902254.	19.5	168
27	Alloy Anodes for Rechargeable Alkali-Metal Batteries: Progress and Challenge. , 2019, 1, 217-229.		135
28	Regulating the Inner Helmholtz Plane for Stable Solid Electrolyte Interphase on Lithium Metal Anodes. Journal of the American Chemical Society, 2019, 141, 9422-9429.	13.7	429
29	Lithiumâ€Metal Anodes: Dualâ€Phase Singleâ€Ion Pathway Interfaces for Robust Lithium Metal in Working Batteries (Adv. Mater. 19/2019). Advanced Materials, 2019, 31, 1970135.	21.0	1
30	Dendrite-free sandwiched ultrathin lithium metal anode with even lithium plating and stripping behavior. Nano Research, 2019, 12, 2224-2229.	10.4	36
31	Dualâ€Phase Singleâ€Ion Pathway Interfaces for Robust Lithium Metal in Working Batteries. Advanced Materials, 2019, 31, e1808392.	21.0	224
32	The dendrite growth in 3D structured lithium metal anodes: Electron or ion transfer limitation?. Energy Storage Materials, 2019, 23, 556-565.	18.0	126
33	Lithiophilicity chemistry of heteroatom-doped carbon to guide uniform lithium nucleation in lithium metal anodes. Science Advances, 2019, 5, eaau7728.	10.3	417
34	Carbon materials for traffic power battery. ETransportation, 2019, 2, 100033.	14.8	37
35	Uniform Lithium Nucleation Guided by Atomically Dispersed Lithiophilic CoN_x Sites for Safe Lithium Metal Batteries. Small Methods, 2019, 3, 1800354.	8.6	70
36	Recent Advances in Energy Chemistry between Solid-State Electrolyte and Safe Lithium-Metal Anodes. CheM, 2019, 5, 74-96.	11.7	610

#	Article	IF	Citations
37	Lithiophilic LiC₆ Layers on Carbon Hosts Enabling Stable Li Metal Anode in Working Batteries. Advanced Materials, 2019, 31, e1807131.	21.0	273
38	Regulating Anions in the Solvation Sheath of Lithium Ions for Stable Lithium Metal Batteries. ACS Energy Letters, 2019, 4, 411-416.	17.4	323
39	Spatially uniform deposition of lithium metal in 3D Janus hosts. Energy Storage Materials, 2019, 16, 259-266.	18.0	112
40	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. Research, 2019, 2019, 1-11.	5.7	33
41	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. Research, 2019, 2019, 4608940.	5.7	29
42	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. Angewandte Chemie - International Edition, 2018, 57, 5301-5305.	13.8	601
43	Lithium Metal Anodes: Artificial Softâ€“Rigid Protective Layer for Dendriteâ€Free Lithium Metal Anode (Adv. Funct. Mater. 8/2018). Advanced Functional Materials, 2018, 28, 1870049.	14.9	12
44	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. Angewandte Chemie, 2018, 130, 5399-5403.	2.0	116
45	Coralloid Carbon Fiber-Based Composite Lithium Anode for Robust Lithium Metal Batteries. Joule, 2018, 2, 764-777.	24.0	609
46	Titelbild: Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes (Angew. Chem. 19/2018). Angewandte Chemie, 2018, 130, 5275-5275.	2.0	2
47	Dualâ€Layered Film Protected Lithium Metal Anode to Enable Dendriteâ€Free Lithium Deposition. Advanced Materials, 2018, 30, e1707629.	21.0	378
48	Perspectives for restraining harsh lithium dendrite growth: Towards robust lithium metal anodes. Energy Storage Materials, 2018, 15, 148-170.	18.0	247
49	Ionâ€“Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. Angewandte Chemie, 2018, 130, 742-745.	2.0	35
50	Artificial Softâ€“Rigid Protective Layer for Dendriteâ€Free Lithium Metal Anode. Advanced Functional Materials, 2018, 28, 1705838.	14.9	470
51	Innentitelbild: Ionâ€“Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode (Angew. Chem. 3/2018). Angewandte Chemie, 2018, 130, 606-606.	2.0	0
52	Sulfurized solid electrolyte interphases with a rapid Li+ diffusion on dendrite-free Li metal anodes. Energy Storage Materials, 2018, 10, 199-205.	18.0	215
53	Advances in Interfaces between Li Metal Anode and Electrolyte. Advanced Materials Interfaces, 2018, 5, 1701097.	3.7	200
54	3D TiC/C Core/Shell Nanowire Skeleton for Dendriteâ€Free and Longâ€Life Lithium Metal Anode. Advanced Energy Materials, 2018, 8, 1702322.	19.5	237

#	Article	IF	Citations
55	Beyond lithium ion batteries: Higher energy density battery systems based on lithium metal anodes. Energy Storage Materials, 2018, 12, 161-175.	18.0	422
56	Reviewâ€"Li Metal Anode in Working Lithium-Sulfur Batteries. Journal of the Electrochemical Society, 2018, 165, A6058-A6072.	2.9	227
57	An ion redistributor for dendrite-free lithium metal anodes. Science Advances, 2018, 4, eaat3446.	10.3	347
58	An Armored Mixed Conductor Interphase on a Dendriteâ€Free Lithiumâ€Metal Anode. Advanced Materials, 2018, 30, e1804461.	21.0	338
59	RÃ¼cktitelbild: Lithium Nitrate Solvation Chemistry in Carbonate Electrolyte Sustains High-Voltage Lithium Metal Batteries (Angew. Chem. 43/2018). Angewandte Chemie, 2018, 130, 14488-14488.	2.0	0
60	Electronic and Ionic Channels in Working Interfaces of Lithium Metal Anodes. ACS Energy Letters, 2018, 3, 1564-1570.	17.4	211
61	Lithium Nitrate Solvation Chemistry in Carbonate Electrolyte Sustains Highâ€Voltage Lithium Metal Batteries. Angewandte Chemie, 2018, 130, 14251-14255.	2.0	117
62	Lithium Nitrate Solvation Chemistry in Carbonate Electrolyte Sustains Highâ€Voltage Lithium Metal Batteries. Angewandte Chemie - International Edition, 2018, 57, 14055-14059.	13.8	410
63	Lithium Metal Anodes: Dualâ€Layered Film Protected Lithium Metal Anode to Enable Dendriteâ€Free Lithium Deposition (Adv. Mater. 25/2018). Advanced Materials, 2018, 30, 1870181.	21.0	11
64	Ionâ€"Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. Angewandte Chemie - International Edition, 2018, 57, 734-737.	13.8	208
65	Towards stable lithium-sulfur batteries: Mechanistic insights into electrolyte decomposition on lithium metal anode. Energy Storage Materials, 2017, 8, 194-201.	18.0	171
66	Fluoroethylene Carbonate Additives to Render Uniform Li Deposits in Lithium Metal Batteries. Advanced Functional Materials, 2017, 27, 1605989.	14.9	1,189
67	Advanced Micro/Nanostructures for Lithium Metal Anodes. Advanced Science, 2017, 4, 1600445.	11.2	444
68	Implantable Solid Electrolyte Interphase in Lithium-Metal Batteries. CheM, 2017, 2, 258-270.	11.7	474
69	Innentitelbild: Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendriteâ€Free Lithium Metal Anodes (Angew. Chem. 27/2017). Angewandte Chemie, 2017, 129, 7790-7790.	2.0	4
70	Review on Highâ€Loading and Highâ€Energy Lithiumâ€"Sulfur Batteries. Advanced Energy Materials, 2017, 7, 1700260.	19.5	1,307
71	Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendriteâ€Free Lithium Metal Anodes. Angewandte Chemie - International Edition, 2017, 56, 7764-7768.	13.8	989
72	Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendriteâ€Free Lithium Metal Anodes. Angewandte Chemie, 2017, 129, 7872-7876.	2.0	186

#	Article	IF	Citations
73	Healing High-Loading Sulfur Electrodes with Unprecedented Long Cycling Life: Spatial Heterogeneity Control. Journal of the American Chemical Society, 2017, 139, 8458-8466.	13.7	198
74	Scaled-up fabrication of porous-graphene-modified separators for high-capacity lithiumâ€“sulfur batteries. Energy Storage Materials, 2017, 7, 56-63.	18.0	172
75	An anion-immobilized composite electrolyte for dendrite-free lithium metal anodes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11069-11074.	7.1	710
76	RÃ¼cktitelbild: Columnar Lithium Metal Anodes (Angew. Chem. 45/2017). Angewandte Chemie, 2017, 129, 14508-14508.	2.0	0
77	Columnar Lithium Metal Anodes. Angewandte Chemie - International Edition, 2017, 56, 14207-14211.	13.8	199
78	Nanodiamonds suppress the growth of lithium dendrites. Nature Communications, 2017, 8, 336.	12.8	327
79	Columnar Lithium Metal Anodes. Angewandte Chemie, 2017, 129, 14395-14399.	2.0	51
80	Toward Safe Lithium Metal Anode in Rechargeable Batteries: A Review. Chemical Reviews, 2017, 117, 10403-10473.	47.7	4,365
81	The gap between long lifespan Li-S coin and pouch cells: The importance of lithium metal anode protection. Energy Storage Materials, 2017, 6, 18-25.	18.0	325
82	Lithiumâ€Sulfur Batteries: Review on Highâ€Loading and Highâ€Energy Lithiumâ€“Sulfur Batteries (Adv. Energy) Tj ETQq0 0 0 rgBT /Ove	19.5	44
83	Dendriteâ€Free Lithium Deposition Induced by Uniformly Distributed Lithium Ions for Efficient Lithium Metal Batteries. Advanced Materials, 2016, 28, 2888-2895.	21.0	877
84	Construction of a cathode using amorphous FePO 4 nanoparticles for a high-power/energy-density lithium-ion battery with long-term stability. Journal of Power Sources, 2016, 324, 52-60.	7.8	34
85	Janus Separator of Polypropyleneâ€Supported Cellular Graphene Framework for Sulfur Cathodes with High Utilization in Lithiumâ€“Sulfur Batteries. Advanced Science, 2016, 3, 1500268.	11.2	294
86	Nanostructured energy materials for electrochemical energy conversion and storage: A review. Journal of Energy Chemistry, 2016, 25, 967-984.	12.9	409
87	A Cooperative Interface for Highly Efficient Lithiumâ€“Sulfur Batteries. Advanced Materials, 2016, 28, 9551-9558.	21.0	514
88	Lithium metal protection through in-situ formed solid electrolyte interphase in lithium-sulfur batteries: The role of polysulfides on lithium anode. Journal of Power Sources, 2016, 327, 212-220.	7.8	222
89	A Review of Solid Electrolyte Interphases on Lithium Metal Anode. Advanced Science, 2016, 3, 1500213.	11.2	1,306
90	3D Carbonaceous Current Collectors: The Origin of Enhanced Cycling Stability for Highâ€Sulfurâ€Loading Lithiumâ€“Sulfur Batteries. Advanced Functional Materials, 2016, 26, 6351-6358.	14.9	216

#	Article	IF	Citations
91	Lithiumâ€Sulfur Batteries: A Cooperative Interface for Highly Efficient Lithiumâ€“Sulfur Batteries (Adv.) Tj ETQq1 1 0.784314 rgBT /Over	21.0	3
92	Rational Integration of Polypropylene/Graphene Oxide/Nafion as Ternaryâ€Layered Separator to Retard the Shuttle of Polysulfides for Lithiumâ€“Sulfur Batteries. Small, 2016, 12, 381-389.	10.0	315
93	Conductive Nanostructured Scaffolds Render Low Local Current Density to Inhibit Lithium Dendrite Growth. Advanced Materials, 2016, 28, 2155-2162.	21.0	591
94	Lithium Anodes: Conductive Nanostructured Scaffolds Render Low Local Current Density to Inhibit Lithium Dendrite Growth (Adv. Mater. 11/2016). Advanced Materials, 2016, 28, 2090-2090.	21.0	1
95	Li 2 S 5 -based ternary-salt electrolyte for robust lithium metal anode. Energy Storage Materials, 2016, 3, 77-84.	18.0	236
96	Powering Lithiumâ€“Sulfur Battery Performance by Propelling Polysulfide Redox at Sulfiphilic Hosts. Nano Letters, 2016, 16, 519-527.	9.1	1,294
97	Ultrafine ferroferric oxide nanoparticles embedded into mesoporous carbon nanotubes for lithium ion batteries. Scientific Reports, 2015, 5, 17553.	3.3	35
98	Towards Stable Lithiumâ€“Sulfur Batteries with a Low Selfâ€Discharge Rate: Ion Diffusion Modulation and Anode Protection. ChemSusChem, 2015, 8, 2892-2901.	6.8	66
99	3D Mesoporous Graphene: CVD Self-Assembly on Porous Oxide Templates and Applications in High-Stable Li-S Batteries. Small, 2015, 11, 5243-5252.	10.0	120
100	Dendrite-free lithium metal anodes: stable solid electrolyte interphases for high-efficiency batteries. Journal of Materials Chemistry A, 2015, 3, 7207-7209.	10.3	170
101	Dual-Phase Lithium Metal Anode Containing a Polysulfide-Induced Solid Electrolyte Interphase and Nanostructured Graphene Framework for Lithiumâ€“Sulfur Batteries. ACS Nano, 2015, 9, 6373-6382.	14.6	297
102	Nitrogen-doped herringbone carbon nanofibers with large lattice spacings and abundant edges: Catalytic growth and their applications in lithium ion batteries and oxygen reduction reactions. Catalysis Today, 2015, 249, 244-251.	4.4	48
103	Synthesis of three-dimensional rare-earth ions doped CNTs-GO-Fe3O4 hybrid structures using one-pot hydrothermal method. Journal of Alloys and Compounds, 2015, 649, 82-88.	5.5	18
104	CNTs in Situ Attached to Î±-Fe₂O₃ Submicron Spheres for Enhancing Lithium Storage Capacity. ACS Applied Materials & Interfaces, 2015, 7, 340-350.	8.0	30
105	Hierarchical Vineâ€Treeâ€Like Carbon Nanotube Architectures: Inâ€Situ CVD Selfâ€Assembly and Their Use as Robust Scaffolds for Lithiumâ€Sulfur Batteries. Advanced Materials, 2014, 26, 7051-7058.	21.0	104
106	Catalytic Self-Limited Assembly at Hard Templates: A Mesoscale Approach to Graphene Nanoshells for Lithiumâ€“Sulfur Batteries. ACS Nano, 2014, 8, 11280-11289.	14.6	166
107	Electrodes: Hierarchical Freeâ€Standing Carbonâ€Nanotube Paper Electrodes with Ultrahigh Sulfurâ€Loading for Lithiumâ€“Sulfur Batteries (Adv. Funct. Mater. 39/2014). Advanced Functional Materials, 2014, 24, 6244-6244.	14.9	9
108	Cathode materials based on carbon nanotubes for high-energy-density lithiumâ€“sulfur batteries. Carbon, 2014, 75, 161-168.	10.3	84

#	Article	IF	Citations
109	Nanoarchitectured Graphene/CNT@Porous Carbon with Extraordinary Electrical Conductivity and Interconnected Micro/Mesopores for Lithiumâ€Sulfur Batteries. Advanced Functional Materials, 2014, 24, 2772-2781.	14.9	495
110	Carbon: Nanoarchitectured Graphene/CNT@Porous Carbon with Extraordinary Electrical Conductivity and Interconnected Micro/Mesopores for Lithium-Sulfur Batteries (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	14.9	4
111	Nitrogenâ€Doped Aligned Carbon Nanotube/Graphene Sandwiches: Facile Catalytic Growth on Bifunctional Natural Catalysts and Their Applications as Scaffolds for Highâ€Rate Lithiumâ€Sulfur Batteries. Advanced Materials, 2014, 26, 6100-6105.	21.0	534
112	Polysulfide shuttle control: Towards a lithium-sulfur battery with superior capacity performance up to 1000 cycles by matching the sulfur/electrolyte loading. Journal of Power Sources, 2014, 253, 263-268.	7.8	124
113	Aligned carbon nanotube/sulfur composite cathodes with high sulfur content for lithiumâ€“sulfur batteries. Nano Energy, 2014, 4, 65-72.	16.0	366
114	Lithium-Sulfur Batteries: Hierarchical Vine-Tree-Like Carbon Nanotube Architectures: In-Situ CVD Self-Assembly and Their Use as Robust Scaffolds for Lithium-Sulfur Batteries (Adv. Mater. 41/2014). Advanced Materials, 2014, 26, 6986-6986.	21.0	3
115	Flexible all-carbon interlinked nanoarchitectures as cathode scaffolds for high-rate lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2014, 2, 10869-10875.	10.3	83
116	Lithiumâ€Sulfur Batteries: Dendriteâ€Free Nanostructured Anode: Entrapment of Lithium in a 3D Fibrous Matrix for Ultraâ€Stable Lithiumâ€“Sulfur Batteries (Small 21/2014). Small, 2014, 10, 4222-4222.	10.0	62
117	Dendriteâ€Free Nanostructured Anode: Entrapment of Lithium in a 3D Fibrous Matrix for Ultraâ€Stable Lithiumâ€“Sulfur Batteries. Small, 2014, 10, 4257-4263.	10.0	154
118	Hierarchical Freeâ€Standing Carbonâ€Nanotube Paper Electrodes with Ultrahigh Sulfurâ€Loading for Lithiumâ€“Sulfur Batteries. Advanced Functional Materials, 2014, 24, 6105-6112.	14.9	476
119	Batteries: Strongly Coupled Interfaces between a Heterogeneous Carbon Host and a Sulfurâ€Containing Guest for Highly Stable Lithiumâ€Sulfur Batteries: Mechanistic Insight into Capacity Degradation (Adv.) Tj ETQq1 1 0.784314 rgBT /Ov	14.9	4
120	Strongly Coupled Interfaces between a Heterogeneous Carbon Host and a Sulfurâ€Containing Guest for Highly Stable Lithiumâ€Sulfur Batteries: Mechanistic Insight into Capacity Degradation. Advanced Materials Interfaces, 2014, 1, 1400227.	3.7	351
121	Lithium-Sulfur Batteries: Nitrogen-Doped Aligned Carbon Nanotube/Graphene Sandwiches: Facile Catalytic Growth on Bifunctional Natural Catalysts and Their Applications as Scaffolds for High-Rate Lithium-Sulfur Batteries (Adv. Mater. 35/2014). Advanced Materials, 2014, 26, 6199-6199.	21.0	4
122	Three-dimensional aluminum foam/carbon nanotube scaffolds as long- and short-range electron pathways with improved sulfur loading for high energy density lithiumâ€“sulfur batteries. Journal of Power Sources, 2014, 261, 264-270.	7.8	86
123	Robust growth of herringbone carbon nanofibers on layered double hydroxide derived catalysts and their applications as anodes for Li-ion batteries. Carbon, 2013, 62, 393-404.	10.3	46