Lai-Fa Shen

List of Publications by Year
in descending order

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153 papers	19,278 citations	12303 69 h-index	10708 138 g-index
159 all docs	159 docs citations	159 times ranked	17382 citing authors

#	Article	IF	Citations
1	A Fast Protonâ€Induced Pseudocapacitive Supercapacitor with High Energy and Power Density. Advanced Functional Materials, 2022, 32, 2107720.	7.8	53
2	Heterostructure NiS2/NiCo2S4 nanosheets array on carbon nanotubes sponge electrode with high specific capacitance for supercapacitors. Journal of Power Sources, 2022, 518, 230763.	4.0	30
3	High-performance 2.5ÂV supercapacitor with high energy density and long cycling stability based on graphene coated oxygen-vacancy birnessite. Journal of Alloys and Compounds, 2022, 901, 163543.	2.8	5
4	The origin of capacity fluctuation and rescue of dead Mn-based Znâ€“ion batteries: a Mn-based competitive capacity evolution protocol. Energy and Environmental Science, 2022, 15, 1106-1118.	15.6	124
5	Vanadium nitride nanoparticles embedded in carbon matrix with pseudocapacitive behavior for high performance lithium-ion capacitors. Rare Metals, 2022, 41, 2460-2469.	3.6	22
6	A N-Rich porous carbon nanocube anchored with Co/Fe dual atoms: an efficient bifunctional catalytic host for Liâ€“S batteries. Materials Chemistry Frontiers, 2022, 6, 2095-2102.	3.2	11
7	Electrochemical Proton Storage: From Fundamental Understanding to Materials to Devices. Nano-Micro Letters, 2022, 14, .	14.4	24
8	Fabrication of the Oxygen Vacancy Amorphous MnO₂/Carbon Nanotube as Cathode for Advanced Aqueous Zincâ€ion Batteries. Energy Technology, 2021, 9, 2000769.	1.8	33
9	Self-Standing Flexible N-Doped Graphene/CNTs Supported Spiral Low-Crystalline Ni(OH)2 Electrode with Ultra-Long Cycling Stability for Supercapacitors. Nano, 2021, 16, 2150013.	0.5	0
10	Conductive Metalâ€“Organic Framework for High Energy Sodium-Ion Hybrid Capacitors. ACS Applied Energy Materials, 2021, 4, 1568-1574.	2.5	25
11	Lithium-sodium ion capacitors: A new type of hybrid supercapacitors with high energy density. Journal of Electroanalytical Chemistry, 2021, 888, 115202.	1.9	7
12	Recent Advances in the Synthesis and Energy Applications of 2D MXenes. ChemElectroChem, 2021, 8, 3804-3826.	1.7	18
13	Kinetic photovoltage along semiconductor-water interfaces. Nature Communications, 2021, 12, 4998.	5.8	14
14	Using a copper hyperaccumulator to synthesize anode and cathode materials for a high-energy 4.1ÂV full-carbon lithium-ion capacitor. Journal of Electroanalytical Chemistry, 2021, 898, 115616.	1.9	2
15	Nb₃O₇F mesocrystals: orientation formation and application in lithium ion capacitors. CrystEngComm, 2021, 23, 6012-6022.	1.3	2
16	Stabilizing Li Plating by a Fluorinated Hybrid Protective Layer. ACS Applied Energy Materials, 2021, 4, 14407-14414.	2.5	3
17	Cross-linked NiCo2O4 nanosheets with low crystallinity and rich oxygen vacancies for asymmetric supercapacitors. Journal of Alloys and Compounds, 2020, 822, 153689.	2.8	47
18	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

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19	Niobium Tungsten Oxide in a Green Water-in-Salt Electrolyte Enables Ultra-Stable Aqueous Lithium-Ion Capacitors. Nano-Micro Letters, 2020, 12, 168.	14.4	40
20	Bacterial cellulose-derived carbon nanofibers as both anode and cathode for hybrid sodium ion capacitor. RSC Advances, 2020, 10, 7780-7790.	1.7	25
21	Alloying Reaction Confinement Enables High-Capacity and Stable Anodes for Lithium-Ion Batteries. ACS Nano, 2019, 13, 9511-9519.	7.3	48
22	Frontispiz: Hierarchical Metal Sulfide/Carbon Spheres: A Generalized Synthesis and High Sodiumâ€Storage Performance. Angewandte Chemie, 2019, 131, .	1.6	0
23	Frontispiece: Hierarchical Metal Sulfide/Carbon Spheres: A Generalized Synthesis and High Sodiumâ€Storage Performance. Angewandte Chemie - International Edition, 2019, 58, .	7.2	0
24	Pseudocapacitive T-Nb2O5/N-doped carbon nanosheets anode enable high performance lithium-ion capacitors. Journal of Electroanalytical Chemistry, 2019, 842, 82-88.	1.9	33
25	Hierarchical Metal Sulfide/Carbon Spheres: A Generalized Synthesis and High Sodiumâ€Storage Performance. Angewandte Chemie, 2019, 131, 7316-7321.	1.6	12
26	Hierarchical Metal Sulfide/Carbon Spheres: A Generalized Synthesis and High Sodiumâ€Storage Performance. Angewandte Chemie - International Edition, 2019, 58, 7238-7243.	7.2	80
27	Top-down synthesis of interconnected two-dimensional carbon/antimony hybrids as advanced anodes for sodium storage. Energy Storage Materials, 2018, 10, 122-129.	9.5	50
28	Ultrathin Ti₂Nb₂O₉ Nanosheets with Pseudocapacitive Properties as Superior Anode for Sodiumâ€Ion Batteries. Advanced Materials, 2018, 30, e1804378.	11.1	117
29	Core/shell Cu/FePtCu nanoparticles with face-centered tetragonal texture: An active and stable low-Pt catalyst for enhanced oxygen reduction. Nano Energy, 2018, 54, 280-287.	8.2	22
30	Cross-Linking Hollow Carbon Sheet Encapsulated CuP₂ Nanocomposites for High Energy Density Sodium-Ion Batteries. ACS Nano, 2018, 12, 7018-7027.	7.3	99
31	Black TiO2 Nanomaterials for Lithium-Ion Batteries. , 2017, , 249-273.		1
32	Peapodâ€like Li₃VO₄/Nâ€Doped Carbon Nanowires with Pseudocapacitive Properties as Advanced Materials for Highâ€Energy Lithiumâ€Ion Capacitors. Advanced Materials, 2017, 29, 1700142.	11.1	298
33	Challenges and Perspectives for NASICONâ€Type Electrode Materials for Advanced Sodiumâ€Ion Batteries. Advanced Materials, 2017, 29, 1700431.	11.1	499
34	Carbonâ€Coated Li₃VO₄ Spheres as Constituents of an Advanced Anode Material for Highâ€Rate Longâ€Life Lithiumâ€Ion Batteries. Advanced Materials, 2017, 29, 1701571.	11.1	119
35	Dualâ€Functionalized Double Carbon Shells Coated Silicon Nanoparticles for High Performance Lithiumâ€Ion Batteries. Advanced Materials, 2017, 29, 1605650.	11.1	325
36	Greener and cheaper. Nature Energy, 2017, 2, 836-837.	19.8	13

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37	Application of Carbon Nanotubes in Lithium-Ion Batteries. , 2017, , 251-276.		4
38	Nb₂O₅ nanoparticles encapsulated in ordered mesoporous carbon matrix as advanced anode materials for Li ion capacitors. RSC Advances, 2016, 6, 71338-71344.	1.7	34
39	Selfâ€Sacrificial Templateâ€Directed Synthesis of Metalâ€“Organic Frameworkâ€Derived Porous Carbon for Energyâ€Storage Devices. ChemElectroChem, 2016, 3, 668-674.	1.7	52
40	Li3V2(PO4)3/nitrogen-doped reduced graphene oxide nanocomposite with enhanced lithium storage properties. Journal of Solid State Electrochemistry, 2016, 20, 1983-1990.	1.2	4
41	Enhanced electrochemical properties of MgF2 and C co-coated Li3V2(PO4)3 composite for Li-ion batteries. Journal of Electroanalytical Chemistry, 2016, 762, 1-6.	1.9	14
42	Heteroatomâ€Doped Porous Carbon Nanosheets: General Preparation and Enhanced Capacitive Properties. Chemistry - A European Journal, 2016, 22, 16668-16674.	1.7	17
43	Self-Assembled Nb₂O₅ Nanosheets for High Energyâ€“High Power Sodium Ion Capacitors. Chemistry of Materials, 2016, 28, 5753-5760.	3.2	254
44	Flexible Sodiumâ€Ion Pseudocapacitors Based on 3D Na₂Ti₃O₇ Nanosheet Arrays/Carbon Textiles Anodes. Advanced Functional Materials, 2016, 26, 3703-3710.	7.8	270
45	Facile Synthesis of Nitrogenâ€Containing Mesoporous Carbon for Highâ€Performance Energy Storage Applications. Chemistry - A European Journal, 2016, 22, 4256-4262.	1.7	17
46	Zinc cobalt sulfide nanosheets grown on nitrogen-doped graphene/carbon nanotube film as a high-performance electrode for supercapacitors. Journal of Materials Chemistry A, 2016, 4, 11256-11263.	5.2	145
47	Hollow NiCo₂S₄ nanotube arrays grown on carbon textile as a self-supported electrode for asymmetric supercapacitors. RSC Advances, 2016, 6, 9950-9957.	1.7	47
48	A modified molten-salt method to prepare graphene electrode with high capacitance and low self-discharge rate. Carbon, 2016, 102, 255-261.	5.4	92
49	Synthesis and electrochemical performances of mixed-valence vanadium oxide/ordered mesoporous carbon composites for supercapacitors. RSC Advances, 2016, 6, 25056-25061.	1.7	15
50	Titanium Dioxide/Germanium Coreâ€“Shell Nanorod Arrays Grown on Carbon Textiles as Flexible Electrodes for High Density Lithiumâ€Ion Batteries. Particle and Particle Systems Characterization, 2015, 32, 364-372.	1.2	32
51	General Strategy to Fabricate Ternary Metal Nitride/Carbon Nanofibers for Supercapacitors. ChemElectroChem, 2015, 2, 2020-2026.	1.7	19
52	One-Dimensional Vanadium Nitride Nanofibers Fabricated by Electrospinning for Supercapacitors. Electrochimica Acta, 2015, 173, 680-686.	2.6	64
53	N-doped carbon foam based three-dimensional electrode architectures and asymmetric supercapacitors. Journal of Materials Chemistry A, 2015, 3, 2853-2860.	5.2	70
54	High rate capability and superior cycle stability of a flower-like Sb₂S₃anode for high-capacity sodium ion batteries. Nanoscale, 2015, 7, 3309-3315.	2.8	147

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55	Three-dimensional graphene nanosheets/carbon nanotube paper as flexible electrodes for electrochemical capacitors. RSC Advances, 2015, 5, 22173-22177.	1.7	7
56	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
57	Flexible metalâ€“organic frameworks as superior cathodes for rechargeable sodium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 16590-16597.	5.2	94
58	Formation of nickel cobalt sulfide ball-in-ball hollow spheres with enhanced electrochemical pseudocapacitive properties. Nature Communications, 2015, 6, 6694.	5.8	1,101
59	Ultralong SrLi2Ti6O14 nanowires composed of single-crystalline nanoparticles: Promising candidates for high-power lithium ions batteries. Nano Energy, 2015, 13, 18-27.	8.2	79
60	Stabilized titanium nitride nanowire supported silicon coreâ€“shell nanorods as high capacity lithium-ion anodes. Journal of Materials Chemistry A, 2015, 3, 12476-12481.	5.2	19
61	Si nanoparticles encapsulated in elastic hollow carbon fibres for Li-ion battery anodes with high structural stability. Nanoscale, 2015, 7, 7409-7414.	2.8	52
62	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
63	Crumpled Nitrogen-Doped Graphene for Supercapacitors with High Gravimetric and Volumetric Performances. ACS Applied Materials & Interfaces, 2015, 7, 22284-22291.	4.0	77
64	Trivalent Ti self-doped Li 4 Ti 5 O 12 : A high performance anode material for lithium-ion capacitors. Journal of Electroanalytical Chemistry, 2015, 757, 1-7.	1.9	63
65	Porous NiCo₂O₄nanotubes as a noble-metal-free effective bifunctional catalyst for rechargeable Liâ€“O₂batteries. Journal of Materials Chemistry A, 2015, 3, 24309-24314.	5.2	57
66	Confined germanium nanoparticles in an N-doped carbon matrix for high-rate and ultralong-life lithium ion batteries. RSC Advances, 2015, 5, 85256-85263.	1.7	15
67	Preparation of ZnCo₂O₄ nanoflowers on a 3D carbon nanotube/nitrogen-doped graphene film and its electrochemical capacitance. Journal of Materials Chemistry A, 2015, 3, 21891-21898.	5.2	93
68	Pseudocapacitive behaviours of Na₂Ti₃O₇@CNT coaxial nanocables for high-performance sodium-ion capacitors. Journal of Materials Chemistry A, 2015, 3, 21277-21283.	5.2	187
69	Synthesis of LiNi_{0.5}Mn_{1.5}O₄ Hollow Microspheres and Their Lithiumâ€Storage Properties. ChemElectroChem, 2015, 2, 127-133.	1.7	25
70	Selfâ€Templated Formation of Uniform NiCo₂O₄ Hollow Spheres with Complex Interior Structures for Lithiumâ€Ion Batteries and Supercapacitors. Angewandte Chemie - International Edition, 2015, 54, 1868-1872.	7.2	713
71	TiNb₂O₇ nanoparticles assembled into hierarchical microspheres as high-rate capability and long-cycle-life anode materials for lithium ion batteries. Nanoscale, 2015, 7, 619-624.	2.8	129
72	NiCo₂S₄ Nanosheets Grown on Nitrogenâ€Doped Carbon Foams as an Advanced Electrode for Supercapacitors. Advanced Energy Materials, 2015, 5, 1400977.	10.2	729

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73	Geâ€“grapheneâ€“carbon nanotube composite anode for high performance lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 1498-1503.	5.2	105
74	Enhanced Performance of Aqueous Sodiumâ€‐ion Batteries Using Electrodes Based on the NaTi₂(PO₄)₃/MWNTsâ€“Na_{0.44}MnO₂ System. Energy Technology, 2014, 2, 705-712.	1.8	56
75	General Formation of MS (M = Ni, Cu, Mn) Boxâ€‐inâ€‐Box Hollow Structures with Enhanced Pseudocapacitive Properties. Advanced Functional Materials, 2014, 24, 7440-7446.	7.8	281
76	Enhanced Lithiumâ€‐Storage Performance from Threeâ€‐Dimensional MoS₂ Nanosheets/Carbon Nanotube Paper. ChemElectroChem, 2014, 1, 1118-1125.	1.7	43
77	High performance three-dimensional Ge/cyclized-polyacrylonitrile thin film anodes prepared by RF magnetron sputtering for lithium ion batteries. Journal of Materials Science, 2014, 49, 2279-2285.	1.7	18
78	PEDOT coated Li4Ti5O12 nanorods: Soft chemistry approach synthesis and their lithium storage properties. Electrochimica Acta, 2014, 129, 283-289.	2.6	57
79	Metal Oxides: Mesoporous NiCo₂O₄ Nanowire Arrays Grown on Carbon Textiles as Binderâ€‐Free Flexible Electrodes for Energy Storage (Adv. Funct. Mater. 18/2014). Advanced Functional Materials, 2014, 24, 2736-2736.	7.8	10
80	Mesoporous NiCo₂O₄ Nanowire Arrays Grown on Carbon Textiles as Binderâ€‐Free Flexible Electrodes for Energy Storage. Advanced Functional Materials, 2014, 24, 2630-2637.	7.8	718
81	Rhombohedral NASICON-structured Li2NaV2(PO4)3 with single voltage plateau for superior lithium storage. RSC Advances, 2014, 4, 8627.	1.7	28
82	Mesoporous NaTi₂(PO₄)₃/CMK-3 nanohybrid as anode for long-life Na-ion batteries. Journal of Materials Chemistry A, 2014, 2, 20659-20666.	5.2	99
83	Fabrication of porous carbon spheres for high-performance electrochemical capacitors. RSC Advances, 2014, 4, 7538.	1.7	83
84	High performance lithiumâ€“sulfur batteries: advances and challenges. Journal of Materials Chemistry A, 2014, 2, 12662-12676.	5.2	269
85	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
86	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
87	Rational Design of Void-Involved Si@TiO₂ Nanospheres as High-Performance Anode Material for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2014, 6, 6497-6503.	4.0	117
88	Prussian blue analogues: a new class of anode materials for lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 5852-5857.	5.2	241
89	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
90	Design of a Nitrogenâ€‐Doped, Carbonâ€‐Coated Li₄Ti₅O₁₂ Nanocomposite with a Coreâ€“Shell Structure and Its Application for Highâ€‐Rate Lithiumâ€‐Ion Batteries. ChemPlusChem, 2014, 79, 128-133.	1.3	32

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91	A facile one-pot synthesis of TiO2/nitrogen-doped reduced graphene oxide nanocomposite as anode materials for high-rate lithium-ion batteries. Electrochimica Acta, 2014, 133, 209-216.	2.6	59
92	Mesoporous Li4Ti5O12/carbon nanofibers for high-rate lithium-ion batteries. Journal of Alloys and Compounds, 2014, 587, 171-176.	2.8	39
93	Porous Nitrogenâ€Doped Carbon Nanotubes Derived from Tubular Polypyrrole for Energyâ€Storage Applications. Chemistry - A European Journal, 2013, 19, 12306-12312.	1.7	162
94	Synthesis of nanostructured materials by using metal-cyanide coordination polymers and their lithium storage properties. Nanoscale, 2013, 5, 11087.	2.8	28
95	Advanced Energyâ€Storage Architectures Composed of Spinel Lithium Metal Oxide Nanocrystal on Carbon Textiles. Advanced Energy Materials, 2013, 3, 1484-1489.	10.2	109
96	Fabrication of a sandwich structured electrode for high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2013, 1, 14280.	5.2	40
97	Encapsulating Sulfur into Hierarchically Ordered Porous Carbon as a Highâ€Performance Cathode for Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2013, 19, 1013-1019.	1.7	212
98	Carbon coated Li4Ti5O12 nanorods as superior anode material for high rate lithium ion batteries. Journal of Alloys and Compounds, 2013, 572, 37-42.	2.8	77
99	Sulfur embedded in metal organic framework-derived hierarchically porous carbon nanoplates for high performance lithiumâ€“sulfur battery. Journal of Materials Chemistry A, 2013, 1, 4490.	5.2	266
100	Homogenous incorporation of SnO2 nanoparticles in carbon cryogels via the thermal decomposition of stannous sulfate and their enhanced lithium-ion intercalation properties. Nano Energy, 2013, 2, 769-778.	8.2	54
101	Chemically tailoring the nanostructure of graphenenanosheets to confine sulfur for high-performance lithium-sulfur batteries. Journal of Materials Chemistry A, 2013, 1, 1096-1101.	5.2	180
102	Facile synthesis of N-doped carbon-coated Li4Ti5O12 microspheres using polydopamine as a carbon source for high rate lithium ion batteries. Journal of Materials Chemistry A, 2013, 1, 7270.	5.2	177
103	Encapsulating sulfur into mesoporous TiO2 host as a high performance cathode for lithiumâ€“sulfur battery. Electrochimica Acta, 2013, 107, 78-84.	2.6	128
104	ZnO/TiO₂nanocable structured photoelectrodes for CdS/CdSe quantum dot co-sensitized solar cells. Nanoscale, 2013, 5, 936-943.	2.8	124
105	Nitrogen-doped carbon coated Li4Ti5O12 nanocomposite: Superior anode materials for rechargeable lithium ion batteries. Journal of Power Sources, 2013, 221, 122-127.	4.0	100
106	HIERARCHICAL Li4Ti5O12 MICROSPHERES AS A HIGH POWER ANODE MATERIAL FOR LITHIUM ION BATTERIES. Journal of Molecular and Engineering Materials, 2013, 01, 1340013.	0.9	0
107	Electrospun Hierarchical Li₄Ti_{4.95}Nb_{0.05}O₁₂/Carbon Composite Nanofibers for High Rate Lithium Ion Batteries. Journal of the Electrochemical Society, 2012, 159, A426-A430.	1.3	37
108	Ultrathin Mesoporous NiCo₂O₄ Nanosheets Supported on Ni Foam as Advanced Electrodes for Supercapacitors. Advanced Functional Materials, 2012, 22, 4592-4597.	7.8	1,545

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109	Facile Water/Ionic Liquid/Organic Triphase Interfacial Synthesis of Coral-Like Polyaniline toward High-Performance Electrochemical Capacitors. Journal of the Electrochemical Society, 2012, 159, A1323-A1328.	1.3	12
110	Flower-like LiMnPO4 hierarchical microstructures assembled from single-crystalline nanosheets for lithium-ion batteries. CrystEngComm, 2012, 14, 4284.	1.3	58
111	Facile growth of hexagonal NiO nanoplatelet arrays assembled by mesoporous nanosheets on Ni foam towards high-performance electrochemical capacitors. Electrochimica Acta, 2012, 78, 532-538.	2.6	57
112	Facile template-free synthesis of ultralayered mesoporous nickel cobaltite nanowires towards high-performance electrochemical capacitors. Journal of Materials Chemistry, 2012, 22, 16084.	6.7	241
113	General Strategy for Designing Coreâ€“Shell Nanostructured Materials for High-Power Lithium Ion Batteries. Nano Letters, 2012, 12, 5673-5678.	4.5	193
114	Hydrogenated Li₄Ti₅O₁₂ Nanowire Arrays for High Rate Lithium Ion Batteries. Advanced Materials, 2012, 24, 6502-6506.	11.1	451
115	Growth of ultrathin mesoporous Co3O4 nanosheet arrays on Ni foam for high-performance electrochemical capacitors. Energy and Environmental Science, 2012, 5, 7883.	15.6	780
116	Flexible Hybrid Paper Made of Monolayer Co₃O₄ Microsphere Arrays on rGO/CNTs and Their Application in Electrochemical Capacitors. Advanced Functional Materials, 2012, 22, 2560-2566.	7.8	362
117	Li₄Ti₅O₁₂ Nanoparticles Embedded in a Mesoporous Carbon Matrix as a Superior Anode Material for High Rate Lithium Ion Batteries. Advanced Energy Materials, 2012, 2, 691-698.	10.2	321
118	Mesoporous Carbon: Li4Ti5O12 Nanoparticles Embedded in a Mesoporous Carbon Matrix as a Superior Anode Material for High Rate Lithium Ion Batteries (Adv. Energy Mater. 6/2012). Advanced Energy Materials, 2012, 2, 699-699.	10.2	5
119	Three-Dimensional Coherent Titaniaâ€“Mesoporous Carbon Nanocomposite and Its Lithium-Ion Storage Properties. ACS Applied Materials & Interfaces, 2012, 4, 2985-2992.	4.0	84
120	Synthesis and supercapacitance of flower-like Co(OH)2 hierarchical superstructures self-assembled by mesoporous nanobelts. Journal of Solid State Electrochemistry, 2012, 16, 1519-1525.	1.2	21
121	Glycine-assisted hydrothermal synthesis of nanostructured Co x Ni1â^'x â€“Al layered triple hydroxides as electrode materials for high-performance supercapacitors. Journal of Solid State Electrochemistry, 2012, 16, 1933-1940.	1.2	34
122	Facile hydrothermal synthesis of single crystalline TiOF2 nanocubes and their phase transitions to TiO2 hollow nanocages as anode materials for lithium-ion battery. Electrochimica Acta, 2012, 62, 408-415.	2.6	54
123	Preparation and electrochemical capacitance of hierarchical graphene/polypyrrole/carbon nanotube ternary composites. Electrochimica Acta, 2012, 69, 160-166.	2.6	90
124	Functionalized ionic liquid-assisted mechanochemical synthesis of graphene nanosheet/polypyrrole nanocomposites. Materials Letters, 2012, 71, 57-59.	1.3	10
125	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
126	Enhanced high-current capacitive behavior of graphene/CoAl-layered double hydroxide composites as electrode material for supercapacitors. Journal of Power Sources, 2012, 199, 395-401.	4.0	195

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127	Synthesis and Electrochemical Performance of Graphene Modified LiFePO₄ Cathode Materials. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2012, 28, 105-110.	2.2	3
128	Preparation and Electrochemical Lithium Storage of Titanium Dioxide@Multi-walled Carbon Nanotubes(TiO2@MWNTs) Nanocomposites. Acta Chimica Sinica, 2012, 70, 15.	0.5	2
129	In situ synthesis of high-loading Li₄Ti₅O₁₂â€“graphene hybrid nanostructures for high rate lithium ion batteries. Nanoscale, 2011, 3, 572-574.	2.8	181
130	Biomolecule-assisted hydrothermal approach towards synthesis of ultra-thin nanoporous Î±-Co(OH)2 mesocrystal nanosheets for electrochemical capacitors. CrystEngComm, 2011, 13, 6130.	1.3	27
131	Facile interfacial synthesis of flower-like hierarchical a-MnO2 sub-microspherical superstructures constructed by two-dimension mesoporous nanosheets and their application in electrochemical capacitors. Journal of Materials Chemistry, 2011, 21, 16035.	6.7	96
132	Urchin-like Co3O4 microspherical hierarchical superstructures constructed by one-dimension nanowires toward electrochemical capacitors. RSC Advances, 2011, 1, 1521.	1.7	73
133	Novel template-free solvothermal synthesis of mesoporous Li4Ti5O12-C microspheres for high power lithium ion batteries. Journal of Materials Chemistry, 2011, 21, 14414.	6.7	81
134	Hierarchically structured carbon-based composites: Design, synthesis and their application in electrochemical capacitors. Nanoscale, 2011, 3, 529-545.	2.8	281
135	In situ growth of Li₄Ti₅O₁₂on multi-walled carbon nanotubes: novel coaxial nanocables for high rate lithium ion batteries. Journal of Materials Chemistry, 2011, 21, 761-767.	6.7	182
136	Design and Tailoring of a Three-Dimensional TiO₂â€“Grapheneâ€“Carbon Nanotube Nanocomposite for Fast Lithium Storage. Journal of Physical Chemistry Letters, 2011, 2, 3096-3101.	2.1	205
137	Large-scale Co3O4 nanoparticles growing on nickel sheets via a one-step strategy and their ultra-highly reversible redox reaction toward supercapacitors. Journal of Materials Chemistry, 2011, 21, 18183.	6.7	88
138	Interface-hydrothermal synthesis of Sn3S4/graphene sheet composites and their application in electrochemical capacitors. Materials Letters, 2011, 65, 374-377.	1.3	22
139	Ion-exchange synthesis of Co-functionalized titanate nanotubes and their application in electrochemical capacitors. Materials Letters, 2011, 65, 2632-2634.	1.3	6
140	Electrochemically induced transformation of NiS nanoparticles into Ni(OH)2 in KOH aqueous solution toward electrochemical capacitors. Electrochimica Acta, 2011, 56, 7454-7459.	2.6	112
141	Fabrication and electrochemical capacitance of hierarchical graphene/polyaniline/carbon nanotube ternary composite film. Electrochimica Acta, 2011, 56, 9224-9232.	2.6	164
142	Water/ionic liquid/organic three-phase interfacial synthesis of coral-like polypyrrole toward enhanced electrochemical capacitance. Electrochimica Acta, 2011, 56, 6049-6054.	2.6	11
143	Synthesis of flexible and porous cobalt hydroxide/conductive cotton textile sheet and its application in electrochemical capacitors. Electrochimica Acta, 2011, 56, 6683-6687.	2.6	37
144	A flexible graphene/multiwalled carbon nanotube film as a high performance electrode material for supercapacitors. Electrochimica Acta, 2011, 56, 5115-5121.	2.6	243

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145	Synthesis of Ru0.58In0.42Oyâ‹…nH2O nanoparticles dispersed onto poly(sodium-4-styrene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf capacitors. Journal of Colloid and Interface Science, 2011, 354, 804-809.	5.0	6
146	Reactive Template Fabrication of Uniform Coreâ€“Shell Polyaniline/Multiwalled Carbon Nanotube Nanocomposite and Its Electrochemical Capacitance. Chemistry Letters, 2010, 39, 850-851.	0.7	9
147	Facile synthesis of hierarchically porous Li4Ti5O12 microspheres for high rate lithium ion batteries. Journal of Materials Chemistry, 2010, 20, 6998.	6.7	266
148	Interface-hydrothermal synthesis and electrochemical properties of CoSx nanodots/poly(sodium-4-styrene sulfonate) functionalized multi-walled carbon nanotubes nanocomposite. Journal of Colloid and Interface Science, 2010, 349, 181-185.	5.0	29
149	A novel method to synthesize whisker-like Co(OH)2 and its electrochemical properties as an electrochemical capacitor electrode. Electrochimica Acta, 2010, 56, 115-121.	2.6	59
150	Comparative study of electrochemical capacitance of multi-walled carbon nanotubes before and after chopping. Applied Surface Science, 2010, 257, 440-445.	3.1	13
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