Shu-Bin Yang

List of Publications by Year
in descending order

141 papers	24,616 citations	10389 72 h-index	9103 144 g-index
148 all docs	148 docs citations	148 times ranked	25131 citing authors

#	Article	IF	Citations
1	Harnessing the Unique Features of 2D Materials toward Dendriteâ€free Metal Anodes. Energy and Environmental Materials, 2022, 5, 45-67.	12.8	33
2	Efficient polysulfides conversion on Mo2CTx MXene for high-performance lithiumâ€“sulfur batteries. Rare Metals, 2022, 41, 311-318.	7.1	40
3	Single-Atom Pt Anchored on Oxygen Vacancy of Monolayer Ti₃C₂T_{<i>x</i>} for Superior Hydrogen Evolution. Nano Letters, 2022, 22, 1398-1405.	9.1	76
4	Singleâ€Atom Reversible Lithiophilic Sites toward Stable Lithium Anodes. Advanced Energy Materials, 2022, 12, .	19.5	49
5	Chargeâ€Enriched Strategy Based on MXeneâ€Based PolypyrroleÂLayers Toward Dendriteâ€Free Zinc Metal Anodes. Advanced Energy Materials, 2022, 12, .	19.5	108
6	A perspective on highâ€entropy twoâ€dimensional materials. SusMat, 2022, 2, 65-75.	14.9	19
7	A Highly Durable Rubberâ€Derived Lithiumâ€Conducting Elastomer for Lithium Metal Batteries. Advanced Science, 2022, 9, e2200553.	11.2	22
8	Vertically Aligned MXene Nanosheet Arrays for Highâ€Rate Lithium Metal Anodes. Advanced Energy Materials, 2022, 12, .	19.5	61
9	Stressâ€Release Functional Liquid Metalâ€MXene Layers toward Dendriteâ€Free Zinc Metal Anodes. Advanced Energy Materials, 2022, 12, .	19.5	58
10	Highâ€Entropy Carbonitride MAX Phases and Their Derivative MXenes. Advanced Energy Materials, 2022, 12, .	19.5	69
11	Formation of Superâ€Assembled TiO_{<i>x</i>}/Zn/Nâ€Doped Carbon Inverse Opal Towards Dendriteâ€Free Zn Anodes. Angewandte Chemie - International Edition, 2022, 61, e202115649.	13.8	76
12	Formation of Superâ€Assembled TiO_{<i>x</i>}/Zn/Nâ€Doped Carbon Inverse Opal Towards Dendriteâ€Free Zn Anodes. Angewandte Chemie, 2022, 134, .	2.0	4
13	2D Nonâ€Van Der Waals Transitionâ€Metal Chalcogenide Layers Derived from Vanadiumâ€Based MAX Phase for Ultrafast Zinc Storage. Advanced Energy Materials, 2022, 12, .	19.5	8
14	Lowâ€Tortuous MXene (TiNbC) Accordion Arrays Enabled Fast Ion Diffusion and Charge Transfer in Dendriteâ€Free Lithium Metal Anodes. Advanced Energy Materials, 2022, 12, .	19.5	14
15	Boron-doping induced lithophilic transition of graphene for dendrite-free lithium growth. Journal of Energy Chemistry, 2021, 56, 463-469.	12.9	18
16	3D Printing Lithium Salt towards Dendrite-free Lithium Anodes. Energy Storage Materials, 2021, 35, 108-113.	18.0	21
17	Selective Etching Quaternary MAX Phase toward Single Atom Copper Immobilized MXene (Ti₃C₂Cl_{<i>x</i>}) for Efficient CO₂ Electroreduction to Methanol. ACS Nano, 2021, 15, 4927-4936.	14.6	139
18	Tortuosity Modulation toward Highâ€Energy and Highâ€Power Lithium Metal Batteries. Advanced Energy Materials, 2021, 11, 2003663.	19.5	46

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19	Creating New Battery Configuration Associated with the Functions of Primary and Rechargeable Lithium Metal Batteries. Advanced Energy Materials, 2021, 11, 2003746.	19.5	19
20	Ultrafast Zincâ€“Ionâ€“Conductor Interface toward Highâ€Rate and Stable Zinc Metal Batteries. Advanced Energy Materials, 2021, 11, 2100186.	19.5	223
21	Interlamellar Lithiumâ€Ion Conductor Reformed Interface for High Performance Lithium Metal Anode. Advanced Functional Materials, 2021, 31, 2102336.	14.9	23
22	RÃ¼cktitelbild: Tricycloquinazolineâ€Based 2D Conductive Metalâ€“Organic Frameworks as Promising Electrocatalysts for CO₂ Reduction (Angew. Chem. 26/2021). Angewandte Chemie, 2021, 133, 14840-14840.	2.0	0
23	Tricycloquinazolineâ€Based 2D Conductive Metalâ€“Organic Frameworks as Promising Electrocatalysts for CO₂Reduction. Angewandte Chemie - International Edition, 2021, 60, 14473-14479.	13.8	130
24	Tricycloquinazolineâ€Based 2D Conductive Metalâ€“Organic Frameworks as Promising Electrocatalysts for CO 2 Reduction. Angewandte Chemie, 2021, 133, 14594-14600.	2.0	12
25	Singleâ€Atom Sites on MXenes for Energy Conversion and Storage. Small Science, 2021, 1, 2100017.	9.9	48
26	Nitrogenâ€Doped Porous Carbon Nanosheets with Ultrahigh Capacity and Quasicapacitive Energy Storage Performance for Lithium and Sodium Storage Applications. Energy Technology, 2021, 9, 2100309.	3.8	4
27	Highâ€Entropy Atomic Layers of Transitionâ€Metal Carbides (MXenes). Advanced Materials, 2021, 33, e2101473.	21.0	122
28	Nano high-entropy alloy with strong affinity driving fast polysulfide conversion towards stable lithium sulfur batteries. Energy Storage Materials, 2021, 43, 212-220.	18.0	65
29	High-Throughput Production of 1T MoS₂ Monolayers Based on Controllable Conversion of Mo-Based MXenes. ACS Nano, 2021, 15, 19275-19283.	14.6	32
30	3D printing dendrite-free lithium anodes based on the nucleated MXene arrays. Energy Storage Materials, 2020, 24, 670-675.	18.0	82
31	Perpendicular MXene Arrays with Periodic Interspaces toward Dendriteâ€Free Lithium Metal Anodes with Highâ€Rate Capabilities. Advanced Functional Materials, 2020, 30, 1908075.	14.9	68
32	Ultrathin bismuth nanosheets as an efficient polysulfide catalyst for high performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2020, 8, 149-157.	10.3	43
33	Single Zinc Atoms Immobilized on MXene (Ti₃C₂Cl_{<i>x</i>}) Layers toward Dendrite-Free Lithium Metal Anodes. ACS Nano, 2020, 14, 891-898.	14.6	174
34	Harnessing the unique features of MXenes for sulfur cathodes. Tungsten, 2020, 2, 162-175.	4.8	25
35	Conversion of Intercalated MoO₃ to Multiâ€Heteroatomsâ€Doped MoS₂ with High Hydrogen Evolution Activity. Advanced Materials, 2020, 32, e2001167.	21.0	82
36	Catalytic Conversion of Polysulfides on Single Atom Zinc Implanted MXene toward Highâ€Rate Lithiumâ€“Sulfur Batteries. Advanced Functional Materials, 2020, 30, 2002471.	14.9	158

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37	In Situ Generation of Artificial Solidâ€Electrolyte Interphases on 3D Conducting Scaffolds for Highâ€Performance Lithiumâ€Metal Anodes. Advanced Energy Materials, 2020, 10, 1903339.	19.5	107
38	MXeneâ€Based Mesoporous Nanosheets Toward Superior Lithium Ion Conductors. Advanced Energy Materials, 2020, 10, 1903534.	19.5	97
39	Conversion of non-van der Waals solids to 2D transition-metal chalcogenides. Nature, 2020, 577, 492-496.	27.8	145
40	Vanadium carbide with periodic anionic vacancies for effective electrocatalytic nitrogen reduction. Materials Today, 2020, 40, 18-25.	14.2	34
41	Zinc anode with artificial solid electrolyte interface for dendrite-free Ni-Zn secondary battery. Journal of Colloid and Interface Science, 2019, 555, 174-179.	9.4	25
42	Endowing the Lithium Metal Surface with Self-Healing Property via an in Situ Gasâ€“Solid Reaction for High-Performance Lithium Metal Batteries. ACS Applied Materials & Interfaces, 2019, 11, 28878-28884.	8.0	24
43	Unlocking the Potential of Disordered Rocksalts for Aqueous Zincâ€Ion Batteries. Advanced Materials, 2019, 31, e1904369.	21.0	171
44	Gradientâ€Distributed Nucleation Seeds on Conductive Host for a Dendriteâ€Free and Highâ€Rate Lithium Metal Anode. Small, 2019, 15, e1903520.	10.0	83
45	Rapid and Lowâ€Temperature Saltâ€Templated Production of 2D Metal Oxide/Oxychloride/Hydroxide. Small, 2019, 15, e1904587.	10.0	17
46	An artificial TiO₂/lithium <i>n</i>-butoxide hybrid SEI layer with facilitated lithium-ion transportation ability for stable lithium anodes. Nanoscale, 2019, 11, 2194-2201.	5.6	43
47	A liquid metal-based self-adaptive sulfurâ€“gallium composite for long-cycling lithiumâ€“sulfur batteries. Nanoscale, 2019, 11, 412-417.	5.6	29
48	Horizontal Growth of Lithium on Parallelly Aligned MXene Layers towards Dendriteâ€Free Metallic Lithium Anodes. Advanced Materials, 2019, 31, e1901820.	21.0	174
49	Synergistic electrocatalysis of polysulfides by a nanostructured VS₄-carbon nanofiber functional separator for high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 16812-16820.	10.3	105
50	Dendriteâ€Free Lithium Anodes with Ultraâ€Deep Stripping and Plating Properties Based on Vertically Oriented Lithiumâ€“Copperâ€“Lithium Arrays. Advanced Materials, 2019, 31, e1901310.	21.0	112
51	A linear molecule sulfur-rich organic cathode material for high performance lithiumâ€“sulfur batteries. Journal of Power Sources, 2019, 430, 210-217.	7.8	31
52	Room-temperature sodium thermal reaction towards electrochemically active metals for lithium storage. Journal of Colloid and Interface Science, 2019, 551, 10-15.	9.4	3
53	Facile fabrication of 2D stanene nanosheets <i>via</i> a dealloying strategy for potassium storage. Chemical Communications, 2019, 55, 3983-3986.	4.1	17
54	Few-layer tinâ€“antimony nanosheets: a novel 2D alloy for superior lithium storage. Chemical Communications, 2019, 55, 3975-3978.	4.1	8

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55	Homogeneous guiding deposition of sodium through main group II metals toward dendrite-free sodium anodes. Science Advances, 2019, 5, eaau6264.	10.3	130
56	Harnessing the unique properties of 2D materials for advanced lithiumâ€“sulfur batteries. Nanoscale Horizons, 2019, 4, 77-98.	8.0	79
57	Tin Intercalated Ultrathin MoO₃ Nanoribbons for Advanced Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2019, 9, 1803137.	19.5	126
58	W-doped VO2(B) nanosheets-built 3D networks for fast lithium storage at high temperatures. Electrochimica Acta, 2019, 295, 393-400.	5.2	26
59	Fast Cryomediated Dynamic Equilibrium Hydrolysates towards Grain Boundary-Enriched Platinum Scaffolds for Efficient Methanol Oxidation. Research, 2019, 2019, 8174314.	5.7	5
60	3D Printing Quasiâ€Solidâ€State Asymmetric Microâ€Supercapacitors with Ultrahigh Areal Energy Density. Advanced Energy Materials, 2018, 8, 1800408.	19.5	268
61	Mesoporous Hybrid Electrolyte for Simultaneously Inhibiting Lithium Dendrites and Polysulfide Shuttle in Liâ€“S Batteries. Advanced Energy Materials, 2018, 8, 1703124.	19.5	42
62	Atomic Layers of MoO₂ with Exposed Highâ€Energy (010) Facets for Efficient Oxygen Reduction. Small, 2018, 14, e1703960.	10.0	22
63	A Material Perspective of Rechargeable Metallic Lithium Anodes. Advanced Energy Materials, 2018, 8, 1702296.	19.5	95
64	Vertically oriented growth of MoO₃ nanosheets on graphene for superior lithium storage. Journal of Materials Chemistry A, 2018, 6, 672-679.	10.3	35
65	Ultrathin two-dimensional metallic nanomaterials. Materials Chemistry Frontiers, 2018, 2, 456-467.	5.9	73
66	Dendriteâ€Free Metallic Lithium in Lithiophilic Carbonized Metalâ€“Organic Frameworks. Advanced Energy Materials, 2018, 8, 1703505.	19.5	144
67	Synergic antimonyâ€“niobium pentoxide nanomeshes for high-rate sodium storage. Journal of Materials Chemistry A, 2018, 6, 6225-6232.	10.3	22
68	Defect-rich, boron-nitrogen bonds-free and dual-doped graphenes for highly efficient oxygen reduction reaction. Journal of Colloid and Interface Science, 2018, 521, 11-16.	9.4	13
69	3D Printing Sulfur Copolymerâ€Graphene Architectures for Liâ€S Batteries. Advanced Energy Materials, 2018, 8, 1701527.	19.5	196
70	Two-dimensional nanosheets as building blocks to construct three-dimensional structures for lithium storage. Journal of Energy Chemistry, 2018, 27, 128-145.	12.9	23
71	Efficient polysulfide barrier of a graphene aerogelâ€“carbon nanofibersâ€“Ni network for high-energy-density lithiumâ€“sulfur batteries with ultrahigh sulfur content. Journal of Materials Chemistry A, 2018, 6, 20926-20938.	10.3	63
72	Continuously 3D printed quantum dot-based electrodes for lithium storage with ultrahigh capacities. Journal of Materials Chemistry A, 2018, 6, 19960-19966.	10.3	49

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73	Recent Advances in Synthesis and Applications of 2D Junctions. Small, 2018, 14, e1801606.	10.0	19
74	Editorial for rare metals, special issue on solid state batteries. Rare Metals, 2018, 37, 447-448.	7.1	2
75	Ultrafast Zn²⁺ Intercalation and Deintercalation in Vanadium Dioxide. Advanced Materials, 2018, 30, e1800762.	21.0	485
76	Ultrastable Inâ€Plane 1Tâ€"2H MoS₂ Heterostructures for Enhanced Hydrogen Evolution Reaction. Advanced Energy Materials, 2018, 8, 1801345.	19.5	409
77	V2O3 nanoparticles anchored onto the reduced graphene oxide for superior lithium storage. Electrochimica Acta, 2017, 231, 732-738.	5.2	32
78	Multiâ€Atomic Layers of Metallic Aluminum for Ultralong Life Lithium Storage with High Volumetric Capacity. Advanced Functional Materials, 2017, 27, 1700840.	14.9	50
79	Liquidâ€Phase Exfoliated Metallic Antimony Nanosheets toward High Volumetric Sodium Storage. Advanced Energy Materials, 2017, 7, 1700447.	19.5	172
80	Controllable synthesis of sandwich-like graphene-supported structures for energy storage and conversion. New Carbon Materials, 2017, 32, 1-14.	6.1	13
81	Simultaneous Formation of Artificial SEI Film and 3D Host for Stable Metallic Sodium Anodes. ACS Applied Materials & Interfaces, 2017, 9, 40265-40272.	8.0	67
82	Two-Dimensional Porous Sandwich-Like C/Siâ€"Grapheneâ€"Si/C Nanosheets for Superior Lithium Storage. ACS Applied Materials & Interfaces, 2017, 9, 39371-39379.	8.0	53
83	Flexible Ti3C2 MXene-lithium film with lamellar structure for ultrastable metallic lithium anodes. Nano Energy, 2017, 39, 654-661.	16.0	163
84	Pre-planted nucleation seeds for rechargeable metallic lithium anodes. Journal of Materials Chemistry A, 2017, 5, 18862-18869.	10.3	28
85	3D-Printed Hierarchical Porous Frameworks for Sodium Storage. ACS Applied Materials & Interfaces, 2017, 9, 41871-41877.	8.0	67
86	3D organic Na₄C₆O₆/graphene architecture for fast sodium storage with ultralong cycle life. Chemical Communications, 2017, 53, 12642-12645.	4.1	19
87	Graphene-supported mesoporous titania nanosheets for efficient photodegradation. Journal of Colloid and Interface Science, 2017, 505, 711-718.	9.4	18
88	Pyridinicâ€Nitrogenâ€Dominated Graphene Aerogels with Feâ€"Nâ€"C Coordination for Highly Efficient Oxygen Reduction Reaction. Advanced Functional Materials, 2016, 26, 5708-5717.	14.9	360
89	A new configured lithiated siliconâ€"sulfur battery built on 3D graphene with superior electrochemical performances. Energy and Environmental Science, 2016, 9, 2025-2030.	30.8	98
90	Partially Singleâ€Crystalline Mesoporous Nb₂O₅ Nanosheets in between Graphene for Ultrafast Sodium Storage. Advanced Materials, 2016, 28, 7672-7679.	21.0	171

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91	Pyridinic Nitrogenâ€Enriched Carbon Nanogears with Thin Teeth for Superior Lithium Storage. Advanced Energy Materials, 2016, 6, 1600917.	19.5	116
92	Hybrid 2Dâ€“0D Grapheneâ€“VN Quantum Dots for Superior Lithium and Sodium Storage. Advanced Energy Materials, 2016, 6, 1502067.	19.5	76
93	Copper(<scp>ii</scp>) tungstate nanoflake array films: sacrificial template synthesis, hydrogen treatment, and their application as photoanodes in solar water splitting. Nanoscale, 2016, 8, 5892-5901.	5.6	78
94	3D Reduced Graphene Oxide Coated V₂ O₅ Nanoribbon Scaffolds for High-Capacity Supercapacitor Electrodes. Particle and Particle Systems Characterization, 2015, 32, 817-821.	2.3	49
95	From Commercial Sponge Toward 3D Grapheneâ€“Silicon Networks for Superior Lithium Storage. Advanced Energy Materials, 2015, 5, 1500289.	19.5	114
96	Boron- and Nitrogen-Substituted Graphene Nanoribbons as Efficient Catalysts for Oxygen Reduction Reaction. Chemistry of Materials, 2015, 27, 1181-1186.	6.7	219
97	3D Nanostructured Molybdenum Diselenide/Graphene Foam as Anodes for Long-Cycle Life Lithium-ion Batteries. Electrochimica Acta, 2015, 176, 103-111.	5.2	107
98	Ultrafine SnO₂ nanoparticles decorated onto graphene for high performance lithium storage. RSC Advances, 2015, 5, 43798-43804.	3.6	12
99	Vertically Aligned Sulfurâ€“Graphene Nanowalls on Substrates for Ultrafast Lithiumâ€“Sulfur Batteries. Nano Letters, 2015, 15, 3073-3079.	9.1	183
100	Nitrogen-doped holey graphene foams for high-performance lithium storage. RSC Advances, 2015, 5, 91114-91119.	3.6	21
101	Nanosized Pt anchored onto 3D nitrogen-doped graphene nanoribbons towards efficient methanol electrooxidation. Journal of Materials Chemistry A, 2015, 3, 19696-19701.	10.3	60
102	Fabrication of Fully Fluorinated Graphene Nanosheets Towards Highâ€Performance Lithium Storage. Advanced Materials Interfaces, 2014, 1, 1300149.	3.7	51
103	Vertically aligned cobalt oxide nanowires on graphene networks for high-performance lithium storage. Nanotechnology, 2014, 25, 445704.	2.6	10
104	Direct chemical conversion of graphene to boron- and nitrogen- and carbon-containing atomic layers. Nature Communications, 2014, 5, 3193.	12.8	198
105	CoMoO₄ Nanoparticles Anchored on Reduced Graphene Oxide Nanocomposites as Anodes for Long-Life Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2014, 6, 20414-20422.	8.0	125
106	Anomalous piezoelectricity in two-dimensional graphene nitride nanosheets. Nature Communications, 2014, 5, 4284.	12.8	228
107	Ultrathin single-crystalline vanadium pentoxide nanoribbon constructed 3D networks for superior energy storage. Journal of Materials Chemistry A, 2014, 2, 13136-13142.	10.3	78
108	Ptâ€Decorated 3D Architectures Built from Graphene and Graphitic Carbon Nitride Nanosheets as Efficient Methanol Oxidation Catalysts. Advanced Materials, 2014, 26, 5160-5165.	21.0	354

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109	A Bottomâ€Up Approach to Build 3D Architectures from Nanosheets for Superior Lithium Storage. Advanced Functional Materials, 2014, 24, 125-130.	14.9	247
110	Use of Organic Precursors and Graphenes in the Controlled Synthesis of Carbon-Containing Nanomaterials for Energy Storage and Conversion. Accounts of Chemical Research, 2013, 46, 116-128.	15.6	158
111	Building 3D Structures of Vanadium Pentoxide Nanosheets and Application as Electrodes in Supercapacitors. Nano Letters, 2013, 13, 5408-5413.	9.1	343
112	Three-Dimensional Metalâ€“Grapheneâ€“Nanotube Multifunctional Hybrid Materials. ACS Nano, 2013, 7, 58-64.	14.6	202
113	Grapheneâ€Based Porous Silica Sheets Impregnated with Polyethyleneimine for Superior CO₂ Capture. Advanced Materials, 2013, 25, 2130-2134.	21.0	140
114	Direct Laserâ€Patterned Microâ€Supercapacitors from Paintable MoS₂ Films. Small, 2013, 9, 2905-2910.	10.0	455
115	Bottom-up Approach toward Single-Crystalline VO₂-Graphene Ribbons as Cathodes for Ultrafast Lithium Storage. Nano Letters, 2013, 13, 1596-1601.	9.1	263
116	3D Graphene Foams Crossâ€linked with Preâ€encapsulated Fe₃O₄ Nanospheres for Enhanced Lithium Storage. Advanced Materials, 2013, 25, 2909-2914.	21.0	727
117	Exfoliated Graphitic Carbon Nitride Nanosheets as Efficient Catalysts for Hydrogen Evolution Under Visible Light. Advanced Materials, 2013, 25, 2452-2456.	21.0	2,227
118	Grapheneâ€Networkâ€Backboned Architectures for Highâ€Performance Lithium Storage. Advanced Materials, 2013, 25, 3979-3984.	21.0	253
119	Three-Dimensional Graphene-Based Macro- and Mesoporous Frameworks for High-Performance Electrochemical Capacitive Energy Storage. Journal of the American Chemical Society, 2012, 134, 19532-19535.	13.7	1,024
120	Hollow carbon spheres with encapsulation of Co3O4 nanoparticles as anode material for lithium ion batteries. Electrochimica Acta, 2012, 78, 440-445.	5.2	54
121	Porous Iron Oxide Ribbons Grown on Graphene for High-Performance Lithium Storage. Scientific Reports, 2012, 2, 427.	3.3	119
122	Nitrogen-Doped Graphene and Its Iron-Based Composite As Efficient Electrocatalysts for Oxygen Reduction Reaction. ACS Nano, 2012, 6, 9541-9550.	14.6	640
123	3D Nitrogen-Doped Graphene Aerogel-Supported Fe₃O₄ Nanoparticles as Efficient Electrocatalysts for the Oxygen Reduction Reaction. Journal of the American Chemical Society, 2012, 134, 9082-9085.	13.7	1,967
124	Efficient Synthesis of Heteroatom (N or S)â€Doped Graphene Based on Ultrathin Graphene Oxideâ€Porous Silica Sheets for Oxygen Reduction Reactions. Advanced Functional Materials, 2012, 22, 3634-3640.	14.9	1,180
125	Coplanar Asymmetrical Reduced Graphene Oxideâ€“Titanium Electrodes for Polymer Photodetectors. Advanced Materials, 2012, 24, 1566-1570.	21.0	24
126	Sandwichâ€Like, Grapheneâ€Based Titania Nanosheets with High Surface Area for Fast Lithium Storage. Advanced Materials, 2011, 23, 3575-3579.	21.0	503

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127	2D Sandwichâ€like Sheets of Iron Oxide Grown on Graphene as High Energy Anode Material for Supercapacitors. Advanced Materials, 2011, 23, 5574-5580.	21.0	526
128	Grapheneâ€Based Carbon Nitride Nanosheets as Efficient Metalâ€Free Electrocatalysts for Oxygen Reduction Reactions. Angewandte Chemie - International Edition, 2011, 50, 5339-5343.	13.8	1,024
129	Fabrication of Cobalt and Cobalt Oxide/Graphene Composites: Towards Highâ€Performance Anode Materials for Lithium Ion Batteries. ChemSusChem, 2010, 3, 236-239.	6.8	290
130	Nanographeneâ€Constructed Hollow Carbon Spheres and Their Favorable Electroactivity with Respect to Lithium Storage. Advanced Materials, 2010, 22, 838-842.	21.0	473
131	Grapheneâ€Based Nanosheets with a Sandwich Structure. Angewandte Chemie - International Edition, 2010, 49, 4795-4799.	13.8	457
132	Fabrication of Grapheneâ€Encapsulated Oxide Nanoparticles: Towards Highâ€Performance Anode Materials for Lithium Storage. Angewandte Chemie - International Edition, 2010, 49, 8408-8411.	13.8	1,005
133	Effect of heat treatment on the morphology and electrochemical performance of TiO2 nanotubes as anode materials for lithium-ion batteries. Materials Chemistry and Physics, 2009, 118, 367-370.	4.0	21
134	Carbon nanotube capsules encapsulating SnO2 nanoparticles as an anode material for lithium ion batteries. Electrochimica Acta, 2009, 55, 521-527.	5.2	58
135	Carbon-Encapsulated Metal Oxide Hollow Nanoparticles and Metal Oxide Hollow Nanoparticles: A General Synthesis Strategy and Its Application to Lithium-Ion Batteries. Chemistry of Materials, 2009, 21, 2935-2940.	6.7	143
136	A comparative study of electrochemical properties of two kinds of carbon nanotubes as anode materials for lithium ion batteries. Electrochimica Acta, 2008, 53, 2238-2244.	5.2	141
137	Preparation and electrochemical properties of composites of carbon nanotubes loaded with Ag and TiO2 nanoparticle for use as anode material in lithium-ion batteries. Electrochimica Acta, 2008, 53, 6351-6355.	5.2	73
138	Electrochemical performance of arc-produced carbon nanotubes as anode material for lithium-ion batteries. Electrochimica Acta, 2007, 52, 5286-5293.	5.2	79
139	Nanosized tin and tin oxides loaded expanded mesocarbon microbeads as negative electrode material for lithium-ion batteries. Journal of Power Sources, 2007, 173, 487-494.	7.8	44
140	Electrochemical performance of expanded mesocarbon microbeads as anode material for lithium-ion batteries. Electrochemistry Communications, 2006, 8, 137-142.	4.7	279
141	Expansion of mesocarbon microbeads. Carbon, 2006, 44, 730-733.	10.3	14