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Nanostructured metal oxide-based materials as advanced anodes for lithium-ion batteries

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#	Paper	IF	Citations
962	Effect of synthesis routes on the electrochemical performance of Li[Ni0.6Co0.2Mn0.2]O2 for lithium ion batteries. <b>2012</b> , 16, 3849-3854		34
961	Facet-induced formation of hematite mesocrystals with improved lithium storage properties. <b>2012</b> , 48, 12204-6		44
960	Hierarchical SnO2He2O3 heterostructures as lithium-ion battery anodes. <b>2012</b> , 22, 21923		77
959	Manganese monoxide/titanium nitride composite as high performance anode material for rechargeable Li-ion batteries. <i>Electrochimica Acta</i> , <b>2012</b> , 85, 345-351	6.7	24
958	A facile method for fabricating TiO2@mesoporous carbon and three-layered nanocomposites. <b>2012</b> , 23, 325602		22
957	Formation of SnS nanoflowers for lithium ion batteries. <b>2012</b> , 48, 5608-10		151
956	Synthesis of phase-pure SnO2 nanosheets with different organized structures and their lithium storage properties. <b>2012</b> , 14, 5133		48
955	High-performing mesoporous iron oxalate anodes for lithium-ion batteries. <b>2012</b> , 4, 7011-9		69
954	3D anatase TiO2 hollow microspheres assembled with high-energy {001} facets for lithium-ion batteries. <b>2012</b> , 2, 7901		44
953	Nanorod-assembled Co3O4 hexapods with enhanced electrochemical performance for lithium-ion batteries. <b>2012</b> , 22, 23541		128
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950	Controlled synthesis of hierarchical CoxMn3\( \text{NO} \) 04 array micro-/nanostructures with tunable morphology and composition as integrated electrodes for lithium-ion batteries. <b>2013</b> , 6, 2664-2671		249
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940	Facile synthesis of mesoporous Mn3O4 nanotubes and their excellent performance for lithium-ion batteries. <b>2013</b> , 1, 10985		108
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935	Controlled synthesis of mesoporous MnO/C networks by microwave irradiation and their enhanced lithium-storage properties. <b>2013</b> , 5, 1997-2003		152
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915	Synthesis, characterization, and lithium-storage of ZnOBnO2 hierarchical architectures. <b>2013</b> , 3, 7758		28
914	One-pot galvanic formation of ultrathin-shell Sn/CoO(x) nanohollows as high performance anode materials in lithium ion batteries. <b>2013</b> , 49, 5981-3		5
913	Porous Fe2O3 nanocubes derived from MOFs for highly reversible lithium storage. <b>2013</b> , 15, 9332		111
912	A study about EMnOOH nanowires as anode materials for rechargeable Li-ion batteries. 2013, 550, 185	189	19
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908	Hydrothermal self-assembly of hierarchical flower-like ZnO nanospheres with nanosheets and their application in Li-ion batteries. <b>2013</b> , 577, 663-668		72
907	Preparation and electrochemical lithium storage features of TiO2 hollow spheres. <b>2013</b> , 238, 197-202		34
906	Three-dimensional network current collectors supported Si nanowires for lithium-ion battery applications. <i>Electrochimica Acta</i> , <b>2013</b> , 88, 766-771	6.7	36
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903	Aggregation behavior of tin in tin oxides reacted with lithium. <i>Electrochimica Acta</i> , <b>2013</b> , 92, 291-297	6.7	6
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881 880 879	Recent Progress in Advanced Materials for Lithium Ion Batteries. <i>Materials</i> , <b>2013</b> , 6, 156-183  Structural engineering for high energy and voltage output supercapacitors. <b>2013</b> , 19, 6451-8  Morphology control of anatase TiO2 spindly octahedra with exposed high-index {401} facets and application in lithium-ion batteries. <b>2013</b> , 8, 1399-403  Excellent electrochemical properties of yolk-shell LiV3O8 powder and its potential as cathodic material for lithium-ion batteries. <b>2013</b> , 19, 17305-9  Self-Supported Construction of Uniform Fe3O4 Hollow Microspheres from Nanoplate Building	3.5	255 18 26
881 880 879 878	Recent Progress in Advanced Materials for Lithium Ion Batteries. <i>Materials</i> , <b>2013</b> , 6, 156-183  Structural engineering for high energy and voltage output supercapacitors. <b>2013</b> , 19, 6451-8  Morphology control of anatase TiO2 spindly octahedra with exposed high-index {401} facets and application in lithium-ion batteries. <b>2013</b> , 8, 1399-403  Excellent electrochemical properties of yolk-shell LiV3O8 powder and its potential as cathodic material for lithium-ion batteries. <b>2013</b> , 19, 17305-9  Self-Supported Construction of Uniform Fe3O4 Hollow Microspheres from Nanoplate Building Blocks. <b>2013</b> , 125, 4259-4262	3.5	255 18 26 19 30

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846	Three-dimensional hierarchical Co3O4/CuO nanowire heterostructure arrays on nickel foam for high-performance lithium ion batteries. <b>2014</b> , 6, 19-26		206
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821	Mesoporous carbon coated molybdenum oxide nanobelts for improved lithium ion storage. <b>2014</b> , 4, 29586-29590		10
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816	Facile large-scale synthesis of vertically aligned CuO nanowires on nickel foam: growth mechanism and remarkable electrochemical performance. <b>2014</b> , 2, 3865		87
815	Fabrication of porous MnO microspheres with carbon coating for lithium ion battery application. <b>2014</b> , 16, 1802		51
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813	Hierarchical WO3@SnO2 coreBhell nanowire arrays on carbon cloth: a new class of anode for high-performance lithium-ion batteries. <b>2014</b> , 2, 7367-7372		77
812	Low temperature plasma synthesis of mesoporous Fe3O4 nanorods grafted on reduced graphene oxide for high performance lithium storage. <i>Nanoscale</i> , <b>2014</b> , 6, 2286-91	7.7	87
811	Urchin-like TiO@C core-shell microspheres: coupled synthesis and lithium-ion battery applications. <b>2014</b> , 16, 8808-11		23
810	Hollow/porous nanostructures derived from nanoscale metal-organic frameworks towards high performance anodes for lithium-ion batteries. <i>Nanoscale</i> , <b>2014</b> , 6, 1236-57	7.7	257
809	A sandwich structure of mesoporous anatase TiO2 sheets and reduced graphene oxide and its application as lithium-ion battery electrodes. <b>2014</b> , 4, 43039-43046		32
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735 734	Template synthesis of hollow MoS2-carbon nanocomposites using microporous organic polymers		
	Template synthesis of hollow MoS2-carbon nanocomposites using microporous organic polymers and their lithium storage properties. <i>Nanoscale</i> , <b>2015</b> , 7, 11280-5  One-step synthesis of Ni-doped SnO2 nanospheres with enhanced lithium ion storage		35
734	Template synthesis of hollow MoS2-carbon nanocomposites using microporous organic polymers and their lithium storage properties. <i>Nanoscale</i> , <b>2015</b> , 7, 11280-5  One-step synthesis of Ni-doped SnO2 nanospheres with enhanced lithium ion storage performance. <b>2015</b> , 39, 130-135  One-pot fabrication of Co3O4 microspheres via hydrothermal method at low temperature for high		35 30
734 733	Template synthesis of hollow MoS2-carbon nanocomposites using microporous organic polymers and their lithium storage properties. <i>Nanoscale</i> , <b>2015</b> , 7, 11280-5  One-step synthesis of Ni-doped SnO2 nanospheres with enhanced lithium ion storage performance. <b>2015</b> , 39, 130-135  One-pot fabrication of Co3O4 microspheres via hydrothermal method at low temperature for high capacity supercapacitor. <b>2015</b> , 199, 15-21  Porous MnFe2O4 microrods as advanced anodes for Li-ion batteries with long cycle lifespan. <b>2015</b> ,		35 30 19

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631	Bamboo carbon assisted solgel synthesis of Li4Ti5O12 anode material with enhanced electrochemical activity for lithium ion battery. <b>2015</b> , 621, 268-273		29
630	Dealloying to porous hybrid manganese oxides microspheres for high performance anodes in lithium ion batteries. <b>2015</b> , 274, 862-868		28
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491	Quadrangular-CNT-Fe3O4-C composite based on quadrilateral carbon nanotubes as anode materials for high performance lithium-ion batteries. <b>2017</b> , 702, 499-508	15
490	Flexible V2O3/carbon nano-felts as free-standing electrode for high performance lithium ion batteries. <b>2017</b> , 702, 13-19	28
489	Large-scale and template-free synthesis of hierarchically porous MnCo2O4.5 as anode material for lithium-ion batteries with enhanced electrochemical performance. <b>2017</b> , 52, 5268-5282	18
488	Low-Temperature Synthesis of Graphene/SiC Nanocomposite Anodes with Super-Long Cycling Stability. <b>2017</b> , 4, 1320-1326	9
487	Transmission electron microscopy analysis of some transition metal compounds for energy storage and conversion. <b>2017</b> , 90, 62-79	8
486	Lotus-Root-Like MnO/C Hybrids as Anode Materials for High-Performance Lithium-Ion Batteries. <b>2017</b> , 121, 2546-2555	33
485	Carbon-Coated Honeycomb Ni-Mn-Co-O Inverse Opal: A High Capacity Ternary Transition Metal Oxide Anode for Li-ion Batteries. <b>2017</b> , 7, 42263	38
484	The effect of particle size, morphology and C-rates on 3D structured Co3O4 inverse opal conversion mode anode materials. <b>2017</b> , 4, 025011	21
483	Two-Dimensional Metal Oxide Nanomaterials for Next-Generation Rechargeable Batteries. <b>2017</b> , 29, 1700176	251
482	Polyaniline coated Fe3O4 hollow nanospheres as anode materials for lithium ion batteries. <b>2017</b> , 1, 915-922	29
481	Template-free fabrication of graphene-wrapped mesoporous ZnMnO nanorings as anode materials for lithium-ion batteries. <b>2017</b> , 28, 245401	15
480	Hierarchical nanostructure of RuO 2 hollow spheres with enhanced lithium ion storage and cyclic performance. <b>2017</b> , 711, 611-616	8
479	Holey two-dimensional transition metal oxide nanosheets for efficient energy storage. <b>2017</b> , 8, 15139	261
478	The design and fabrication of Co 3 O 4 /Co 3 V 2 O 8 /Ni nanocomposites as high-performance anodes for Li-ion batteries. <b>2017</b> , 26, 494-500	12

477	Biogenic Realgar As4S4 Molecular Clusters Formed by a One-Pot Microbial-Driven Process as a Li-Ion Storage Material. <b>2017</b> , 1, 1700056		6	
476	Controllable fabrication of hierarchical top-converged Co 3 O 4 nanowire array with enhanced lithium storage performance. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 198, 107-114	4.4	4	
475	Facile mass production of nanoporous SnO nanosheets as anode materials for high performance lithium-ion batteries. <b>2017</b> , 503, 205-213		29	
474	Pseudocapacitive Li+ intercalation in ZnO/ZnO@C composites enables high-rate lithium-ion storage and stable cyclability. <b>2017</b> , 43, 11998-12004		20	
473	A general strategy toward graphitized carbon coating on iron oxides as advanced anodes for lithium-ion batteries. <b>2017</b> , 28, 345404		3	
472	Y-doped V2O5 with enhanced lithium storage performance. <b>2017</b> , 7, 32327-32335		23	
471	A Plasma-Assisted Route to the Rapid Preparation of Transition-Metal Phosphides for Energy Conversion and Storage. <b>2017</b> , 1, 1700111		27	
47°	Chemical integration of reduced graphene oxide sheets encapsulated ZnCo2O4 quantum dots achieving excellent capacity storage for lithium-ion batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 245, 672-684	6.7	26	
469	Graphene oxide hydrogel as a restricted-area nanoreactor for synthesis of 3D graphene-supported ultrafine TiO nanorod nanocomposites for high-rate lithium-ion battery anodes. <b>2017</b> , 28, 305401		5	
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467	Controlled synthesis of Sn-based oxides via a hydrothermal method and their visible light photocatalytic performances. <b>2017</b> , 7, 27024-27032		43	
466	An ultralight and highly compressible anode for Li-ion batteries constructed from nitrogen-doped carbon enwrapped Fe3O4 nanoparticles confined in a porous 3D nitrogen-doped graphene network. <b>2017</b> , 326, 151-161		28	
465	A new design concept for preparing nickel-foam-supported metal oxide microspheres with superior electrochemical properties. <b>2017</b> , 5, 13469-13474		86	
464	Well encapsulated MnO octahedra in graphene nanosheets with much enhanced Li-storage performances. <b>2017</b> , 504, 603-610		10	
463	Excellent Li-ion storage performances of hierarchical SnO-SnO2 composite powders and SnO nanoplates prepared by one-pot spray pyrolysis. <b>2017</b> , 359, 363-370		27	
462	Tailored Solution Combustion Synthesis of High Performance ZnCo2O4 Anode Materials for Lithium-Ion Batteries. <b>2017</b> , 56, 7173-7183		30	
461	Recent progress in cobalt-based compounds as high-performance anode materials for lithium ion batteries. <b>2017</b> , 36, 307-320		21	
460	Crystalline InBbB framework for highly-performed lithium/sodium storage. <b>2017</b> , 5, 14198-14205		17	

459	Facile synthesis of single-crystalline mesoporous NiO nanosheets as high-performance anode materials for Li-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 13853-13860 <sup>2.1</sup>	13
458	Negative Electrode Comprised of Nanostructured CuO for Advanced Lithium Ion Batteries. <b>2017</b> , 28, 1595-1604	9
457	The Role of Pre-Lithiation in Activated Carbon/Li 4 Ti 5 O 12 Asymmetric Capacitors. <i>Electrochimica Acta</i> , <b>2017</b> , 236, 443-450	35
456	Co 3 O 4 /Co nanoparticles enclosed graphitic carbon as anode material for high performance Li-ion batteries. <b>2017</b> , 321, 495-501	143
455	Electrochemical performances of MgH2 and MgH2-C films for lithium ion battery anode. <b>2017</b> , 711, 473-479	15
454	Self-Assembly Approach for Synthesis of Nanotubular Molybdenum Trioxide/Titania Composite Anode for Lithium-Ion Batteries. <b>2017</b> , 5, 2015-2025	14
453	Multilayer Zn-doped SnO 2 hollow nanospheres encapsulated in covalently interconnected three-dimensional graphene foams for high performance lithium-ion batteries. <b>2017</b> , 320, 405-415	39
452	Microwave-Assisted Morphology Evolution of Fe-Based Metal-Organic Frameworks and Their Derived FeO Nanostructures for Li-Ion Storage. <b>2017</b> , 11, 4198-4205	198
45 <sup>1</sup>	Quick one-pot synthesis of amorphous carbon-coated cobalt <b>f</b> errite twin elliptical frustums for enhanced lithium storage capability. <b>2017</b> , 5, 8062-8069	40
450	Facile, low temperature synthesis of SnO2/reduced graphene oxide nanocomposite as anode material for lithium-ion batteries. <b>2017</b> , 413, 160-168	18
449	Facile synthesis of metal hydroxide nanoplates and their application as lithium-ion battery anodes. <b>2017</b> , 5, 8744-8751	20
448	Effect of pore distribution on the lithium storage properties of porous C/SnO2 nanofibers. <b>2017</b> , 711, 414-423	15
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446	A hierarchical ⊞MoC1☑ hybrid nanostructure for lithium-ion storage. <b>2017</b> , 5, 8125-8132	30
445	A flexible nanostructured paper of MnO NPs@MWCNTs/r-GO multilayer sandwich composite for high-performance lithium-ion batteries. <b>2017</b> , 43, 7588-7593	10
444	Adsorption-based synthesis of Co 3 O 4 /C composite anode for high performance lithium-ion batteries. <b>2017</b> , 125, 569-575	23
443	Synthesis and electrochemical properties of FeCO 3 with different morphology for lithium-ion battery application. <b>2017</b> , 698, 87-93	15
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441	A Novel and Generalized Lithium-Ion-Battery Configuration utilizing Al Foil as Both Anode and Current Collector for Enhanced Energy Density. <b>2017</b> , 29, 1604219		95
440	Rapid Microwave Synthesis of Self-Assembled Hierarchical Mn2O3 Microspheres as Advanced Anode Material for Lithium Ion Batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 224, 285-294	6.7	29
439	A Bioinspired Nanofibrous Titania/Silicon Composite as an Anode Material for Lithium-Ion Batteries. <b>2017</b> , 3, 120-129		13
438	Hydrothermal synthesis of peony-like CuO micro/nanostructures for high-performance lithium-ion battery anodes. <b>2017</b> , 28, 2263-2268		14
437	Squid Ink-Assisted Fabricating MoS2 Nanosheets/Ultrafine Biocarbon Spheres Composites with an Enhanced Lithium Ion Storage Performance. <b>2017</b> , 2, 8643-8649		4
436	T-Nb O /C Nanofibers Prepared through Electrospinning with Prolonged Cycle Durability for High-Rate Sodium-Ion Batteries Induced by Pseudocapacitance. <i>Small</i> , <b>2017</b> , 13, 1702588	11	95
435	Ultrafast-Charging and Long-Life Li-Ion Battery Anodes of TiO-B and Anatase Dual-Phase Nanowires. <b>2017</b> , 9, 35917-35926		48
434	High Reversible Pseudocapacity in Mesoporous YolkBhell Anatase TiO2/TiO2(B) Microspheres Used as Anodes for Li-Ion Batteries. <b>2017</b> , 27, 1703270		82
433	CommunicationIron(II)-Benzene Phosphonate Coordination Polymers as an Efficient Active Material for Negative Electrode of Lithium-Ion Batteries. <b>2017</b> , 164, A2552-A2554		7
432	General synthesis of MFe2O4/carbon (M = Zn, Mn, Co, Ni) spindles from mixed metal organic frameworks as high performance anodes for lithium ion batteries. <b>2017</b> , 5, 23641-23650		54
431	Facile Fabrication of ZnFe2O4-MWCNTs Composite as an Anode Material for Rechargeable Lithium-Ion Batteries. <b>2017</b> , 2, 7194-7201		8
430	Stannic oxide spherical nanoparticles: an anode material with long-term cyclability for Li-ion rechargeable batteries. <b>2017</b> , 4, 085026		1
429	Resilient Energy Storage under High-Temperature with In-Situ-Synthesized MnO@Graphene as Anode. <b>2017</b> , 9, 33896-33905		25
428	New Heteroleptic Cobalt Precursors for Deposition of Cobalt-Based Thin Films. <b>2017</b> , 2, 5486-5493		7
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426	Nanostructured anode materials for lithium-ion batteries: principle, recent progress and future perspectives. <b>2017</b> , 5, 19521-19540		228
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421	Tuning the morphologies of fluorine-doped tin oxides in the three-dimensional architecture of graphene for high-performance lithium-ion batteries. <b>2017</b> , 28, 395404	15
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416	Characterization and Electrochemical Performance at High Discharge Rates of Tin Dioxide Thin Films Synthesized by Atomic Layer Deposition. <b>2017</b> , 46, 6571-6577	20
415	Co3O4 Nanosheets with In-Plane Pores and Highly Active {112} Exposed Facets for High Performance Lithium Storage. <b>2017</b> , 121, 19002-19009	24
414	Highly uniform Fe3O4 nanoparticleEGO composites as anode materials for high performance lithium-ion batteries. <b>2017</b> , 7, 54939-54946	28
413	Clustered-Microcapsule-Shaped Microporous Carbon-Coated Sulfur Composite Synthesized via in Situ Oxidation. <b>2017</b> , 9, 44512-44518	8
412	Design and synthesis of Janus-structured mutually doped SnO2to3O4 hollow nanostructures as superior anode materials for lithium-ion batteries. <b>2017</b> , 5, 25319-25327	38
411	Box-implanted Nb2O5 nanorods as superior anode materials in lithium ion batteries. <b>2017</b> , 43, 12388-12395	30
410	Preparation of high toughness nanocomposite hydrogel with UV protection performance and self-healing property. <b>2017</b> , 19, 1	4
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408	Fluorine-doped SnO 2 nanoparticles anchored on reduced graphene oxide as a high-performance lithium ion battery anode. <b>2017</b> , 362, 20-26	77
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403	Heterogeneous Double-Shelled Constructed FeO Yolk-Shell Magnetite Nanoboxes with Superior Lithium Storage Performances. <b>2017</b> , 9, 24662-24670	29
402	Towards fast and ultralong-life Li-ion battery anodes: embedding ultradispersed TiO2 quantum dots into three-dimensional porous graphene-like networks. <i>Electrochimica Acta</i> , <b>2017</b> , 246, 1183-1192 6.7	14
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400	Self-supported Ni6MnO8 3D mesoporous nanosheet arrays with ultrahigh lithium storage properties and conversion mechanism by in-situ XAFS. <b>2017</b> , 10, 263-275	17
399	Orderly integration of porous TiO 2 (B) nanosheets into bunchy hierarchical structure for high-rate and ultralong-lifespan lithium-ion batteries. <b>2017</b> , 31, 1-8	85
398	Facile synthesis of Co 3 V 2 O 8 nanoparticle arrays on Ni foam as binder-free electrode with improved lithium storage properties. <b>2017</b> , 43, 1166-1173	16
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390	Cyanogel-derived nanoporous Sn <b>E</b> eNi ternary oxide network for high-capacity and long-life lithium storage. <b>2017</b> , 691, 250-254	7
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388	One-step preparation of pomegranate-shaped Sn/SnOx/nanocarbon composites for fabricating ultrafast-charging/long-life lithium-ion battery. <b>2017</b> , 694, 30-39	12

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386	Fabrication of hierarchically porous TiO nanofibers by microemulsion electrospinning and their application as anode material for lithium-ion batteries. <b>2017</b> , 8, 1297-1306		4
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384	Synthesis of Ti4O7 Nanoparticles by Carbothermal Reduction Using Microwave Rapid Heating. <b>2017</b> , 7, 65		14
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382	Coaxial MnO2Nanoshell/CNFs Composite Film Anode for High-Performance Lithium-Ion Batteries. <b>2018</b> , 165, A487-A492		11
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378	Robust erythrocyte-like Fe2O3@carbon with yolk-shell structures as high-performance anode for lithium ion batteries. <b>2018</b> , 347, 563-573		131
377	Oriented, One-Dimensional Tin Dioxide <b>T</b> itanium Dioxide Composites as Anode Materials for Lithium-Ion Batteries. <b>2018</b> , 6, 1966-1974		6
376	Quasi-hexagonal Cu 1.5 Mn 1.5 O 4 nanoplates decorated on hollow CuO by Kirkendall effect for enhancing lithium storage performance. <b>2018</b> , 445, 342-349		5
375	Synthesis of highly crystalline octahedron 3D-Zn2SnO4 as an advanced high-performance anode material for lithium ion batteries. <b>2018</b> , 449, 514-520		11
374	Transition metal-free graphene framework based on disulfide bridges as a Li host material. <b>2018</b> , 14, 238-245		3
373	Tuning of physical and electrochemical properties of nanocrystalline tungsten oxide through ultraviolet photoactivation. <i>Electrochimica Acta</i> , <b>2018</b> , 272, 135-143	6.7	8
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371	Carbon and few-layer MoS2 nanosheets co-modified TiO2 nanosheets with enhanced electrochemical properties for lithium storage. <b>2018</b> , 37, 107-117		22
370	High-Performance GaO Anode for Lithium-Ion Batteries. <b>2018</b> , 10, 5519-5526		35

369	Synthesis of Iron Phosphate and Their Composites for Lithium/Sodium Ion Batteries. 2018, 2, 1700154	12
368	A Micro-Cracked Conductive Layer Made of Multiwalled Carbon Nanotubes for Lithium-Ion Batteries. <b>2018</b> , 6, 658-669	1
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366	An investigation of heavy metal adsorption by hexa-dentate ligand-modified magnetic nanocomposites. <b>2018</b> , 53, 863-876	14
365	Constructing yolk-shell MnO@C nanodiscs through a carbothermal reduction process for highly stable lithium storage. <b>2018</b> , 336, 427-435	38
364	Enhanced cycle stability of iron(II, III) oxide nanoparticles encapsulated with nitrogen-doped carbon and graphene frameworks for lithium battery anodes. <b>2018</b> , 129, 621-630	22
363	Ordered WO nanorods: facile synthesis and their electrochemical properties for aluminum-ion batteries. <b>2018</b> , 54, 1343-1346	69
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361	A Nanocrystalline FeO Film Anode Prepared by Pulsed Laser Deposition for Lithium-Ion Batteries. <b>2018</b> , 13, 60	17
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355	Electronic, magnetic, catalytic, and electrochemical properties of two-dimensional Janus transition metal chalcogenides. <b>2018</b> , 6, 8021-8029	36
354	Electrosprayed NiCo2O4 nanoparticles for long cycle life and high-power Li-ion battery anode. <b>2018</b> , 24, 3375-3383	2
353	Influence of substrate on the structure of predominantly anatase TiO films grown by reactive sputtering <b>2018</b> , 8, 7062-7071	3
352	The Development of Functional Mesocrystals for Energy Harvesting, Storage, and Conversion. <b>2018</b> , 24, 6295-6307	22

351	Modulating High-Index Facets on Anatase TiO2. <b>2018</b> , 2018, 683-693	17
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348	Mn doped FeCO3/reduced graphene composite as anode material for high performance lithium-ion batteries. <b>2018</b> , 428, 73-81	19
347	General Synthesis of Transition-Metal Oxide Hollow Nanospheres/Nitrogen-Doped Graphene Hybrids by Metal-Ammine Complex Chemistry for High-Performance Lithium-Ion Batteries. <b>2018</b> , 2126-2136	14
346	Ultrasmall Fe2GeO4 nanodots anchored on interconnected carbon nanosheets as high-performance anode materials for lithium and sodium ion batteries. <b>2018</b> , 427, 670-679	31
345	Fe3O4@polyaniline yolk-shell micro/nanospheres as bifunctional materials for lithium storage and electromagnetic wave absorption. <b>2018</b> , 427, 1054-1063	37
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341	Three-dimensional macroporous CNTs microspheres highly loaded with NiCo2O4 hollow nanospheres showing excellent lithium-ion storage performances. <b>2018</b> , 128, 191-200	34
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333	A new strategy for the construction of 3D TiO2 nanowires/reduced graphene oxide for high-performance lithium/sodium batteries. <b>2018</b> , 6, 24256-24266	33
332	Controllable synthesis of nanostructured ZnCoO as high-performance anode materials for lithium-ion batteries <b>2018</b> , 8, 39377-39383	5
331	Enhanced cycling stability of MgE co-modified LiNi 0.6 Co 0.2 Mn 0.2 Mg y O 2 E f z for lithium-ion batteries. <b>2018</b> , 28, 1397-1403	13
330	A Cellulose Derived Nanotubular MoO3/SnO2 Composite with Superior Lithium Storage Properties. <b>2018</b> , 3, 12469-12477	6
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315	Lithium, sodium and potassium storage behaviors of Pb3Nb4O13 nanowires for rechargeable batteries. <b>2018</b> , 44, 17094-17101		13
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307	Scalable Fabrication of Nanostructured Tin Oxide Anodes for High-Energy Lithium-Ion Batteries. <b>2018</b> , 10, 27019-27029		24
306	Hierarchical NiO nanobelt film array as an anode for lithium-ion batteries with enhanced electrochemical performance <b>2018</b> , 8, 26589-26595		16
305	Graphene boosted pseudocapacitive lithium storage: A case of G-Fe2O3. <i>Electrochimica Acta</i> , <b>2018</b> , 282, 955-963	6.7	24
304	Facile synthesis of Fe3O4/NiFe2O4 nanosheets with enhanced Lithium-ion storage by one-step chemical dealloying. <b>2018</b> , 53, 15631-15642		22
303	Facile Synthesis of Two-Dimensional Porous MgCo2O4 Nanosheets as Anode for Lithium-Ion Batteries. <b>2018</b> , 8, 22		80
302	Supersonically sprayed rGOIn2SnO4 composites as flexible, binder-free, scalable, and high-capacity lithium ion battery anodes. <b>2018</b> , 766, 331-340		18
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244	One-step hydrothermal synthesis of 2D WO3 nanoplates@ graphene nanocomposite with superior anode performance for lithium ion battery. <i>Electrochimica Acta</i> , <b>2019</b> , 313, 99-108	6.7	23

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	Encapsulating Mo-Doped TiO2 Anatase in N-Doped Amorphous Carbon With Excellent Lithium	6.7	
215	Encapsulating Mo-Doped TiO2 Anatase in N-Doped Amorphous Carbon With Excellent Lithium Storage Performances. <b>2019</b> , 6,  Metal organic frameworks derived hierarchical hollow Ni0.85Se P composites for high-performance	6.7	71
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215 214 213	Encapsulating Mo-Doped TiO2 Anatase in N-Doped Amorphous Carbon With Excellent Lithium Storage Performances. <b>2019</b> , 6,  Metal organic frameworks derived hierarchical hollow Ni0.85Se P composites for high-performance hybrid supercapacitor and efficient hydrogen evolution. <i>Electrochimica Acta</i> , <b>2019</b> , 303, 94-104  Synthesis and thermodynamic investigation of MnO nanoparticle anchored N-doped porous carbon as the anode for Li-ion and Na-ion batteries. <b>2019</b> , 3, 2728-2737	6.7	71 18 8
215 214 213 212	Encapsulating Mo-Doped TiO2 Anatase in N-Doped Amorphous Carbon With Excellent Lithium Storage Performances. 2019, 6,  Metal organic frameworks derived hierarchical hollow Ni0.85Se P composites for high-performance hybrid supercapacitor and efficient hydrogen evolution. <i>Electrochimica Acta</i> , 2019, 303, 94-104  Synthesis and thermodynamic investigation of MnO nanoparticle anchored N-doped porous carbon as the anode for Li-ion and Na-ion batteries. 2019, 3, 2728-2737  Facile Synthesis of Antimony Tungstate Nanosheets as Anodes for Lithium-Ion Batteries. 2019, 9,	6.7	71 18 8
215 214 213 212 211	Encapsulating Mo-Doped TiO2 Anatase in N-Doped Amorphous Carbon With Excellent Lithium Storage Performances. 2019, 6,  Metal organic frameworks derived hierarchical hollow NiO.85Se P composites for high-performance hybrid supercapacitor and efficient hydrogen evolution. <i>Electrochimica Acta</i> , 2019, 303, 94-104  Synthesis and thermodynamic investigation of MnO nanoparticle anchored N-doped porous carbon as the anode for Li-ion and Na-ion batteries. 2019, 3, 2728-2737  Facile Synthesis of Antimony Tungstate Nanosheets as Anodes for Lithium-Ion Batteries. 2019, 9,  Three-Dimensional Monolithic Organic Battery Electrodes. 2019, 13, 14357-14367  The enhanced NO sensing properties of SnO nanoparticles/reduced graphene oxide composite.	6.7	71 18 8 17

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