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High-quality metal oxide core/shell nanowire arrays on conductive substrates for electrochemical energy storage

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929	Co3O4© coreBhell nanowire array as an advanced anode material for lithium ion batteries. <b>2012</b> , 22, 15056		187
928	Hierarchical SnO2Ee2O3 heterostructures as lithium-ion battery anodes. <b>2012</b> , 22, 21923		77
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926	Facile growth of hexagonal NiO nanoplatelet arrays assembled by mesoporous nanosheets on Ni foam towards high-performance electrochemical capacitors. <b>2012</b> , 78, 532-538		51
925	Electrode/Electrolyte Interface in Sulfolane-Based Electrolytes for Li Ion Batteries: A Molecular Dynamics Simulation Study. <b>2012</b> , 116, 23871-23881		108
924	Aulu2S heterodimer formation via oxidization of AuCu alloy nanoparticles and in situ formed copper thiolate. <b>2012</b> , 22, 23169		43
923	Nanorod-assembled Co3O4 hexapods with enhanced electrochemical performance for lithium-ion batteries. <b>2012</b> , 22, 23541		128
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915	A three-dimensional hierarchical Fe2O3@NiO core/shell nanorod array on carbon cloth: a new class of anode for high-performance lithium-ion batteries. <b>2013</b> , 5, 7906-12	131
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760	Unveiling the dynamic capacitive storage mechanism of Co3O4 @NiCo2O4 hybrid nanoelectrodes for supercapacitor applications. <b>2014</b> , 145, 177-184	67
759	CuO/NiO core/shell nanowire arrays directly synthesised on copper foam with promising superhydrophobic property. <b>2014</b> , 9, 219-221	1
75 <sup>8</sup>	Cobalt-based compounds and composites as electrode materials for high-performance electrochemical capacitors. <b>2014</b> , 2, 17212-17248	139
757	Highly Oxidized Graphene Anchored Ni(OH)2 Nanoflakes as Pseudocapacitor Materials for Ultrahigh Loading Electrode with High Areal Specific Capacitance. <b>2014</b> , 118, 24866-24876	50
756	High-performance supercapacitor electrode based on the unique ZnO@CoD4lcore/shell heterostructures on nickel foam. <b>2014</b> , 6, 15905-12	188
755	High performance NiMoO4 nanowires supported on carbon cloth as advanced electrodes for symmetric supercapacitors. <b>2014</b> , 8, 174-182	237

754	Growth rate controlled synthesis of hierarchical Bi2S3/In2S3 core/shell microspheres with enhanced photocatalytic activity. <b>2014</b> , 4, 4027	88
753	Temperature effect on the binder-free nickel copper oxide nanowires with superior supercapacitor performance. <b>2014</b> , 6, 12981-9	31
75 <sup>2</sup>	Facile synthesis of ZnCo2O4 nanowire cluster arrays on Ni foam for high-performance asymmetric supercapacitors. <b>2014</b> , 2, 16116-16123	176
751	Hierarchical Co3O4@PPy@MnO2 coreBhellBhell nanowire arrays for enhanced electrochemical energy storage. <b>2014</b> , 7, 42-51	139
750	Hydrogenated CoOx nanowire@Ni(OH)2 nanosheet core-shell nanostructures for high-performance asymmetric supercapacitors. <b>2014</b> , 6, 6772-81	98
749	Controlled growth of mesoporous ZnCo2O4 nanosheet arrays on Ni foam as high-rate electrodes for supercapacitors. <b>2014</b> , 4, 2393-2397	80
748	Surfactant dependent self-organization of Co3O4 nanowires on Ni foam for high performance supercapacitors: from nanowire microspheres to nanowire paddy fields. <b>2014</b> , 6, 3638-46	163
747	Facile synthesis of single-crystalline NiO nanosheet arrays on Ni foam for high-performance supercapacitors. <b>2014</b> , 16, 2878-2884	119
746	Exceptional pseudocapacitive properties of hierarchical NiO ultrafine nanowires grown on mesoporous NiO nanosheets. <b>2014</b> , 2, 12799-12804	44
745	Coating and enhanced photocurrent of vertically aligned zinc oxide nanowire arrays with metal sulfide materials. <b>2014</b> , 6, 13594-9	13
744	Hydrogenated NiO nanoblock architecture for high performance pseudocapacitor. <b>2014</b> , 6, 4684-92	98
743	Preparation, characterization and electrochemical properties of porous NiO/NPC composite nanosheets. <b>2014</b> , 200, 92-100	10
742	Ultrathin and lightweight 3D free-standing Ni@NiO nanowire membrane electrode for a supercapacitor with excellent capacitance retention at high rates. <b>2014</b> , 6, 13627-34	64
741	Nanostructured (Co, Ni)-based compounds coated on a highly conductive three dimensional hollow carbon nanorod array (HCNA) scaffold for high performance pseudocapacitors. <b>2014</b> , 6, 7735-42	60
740	Spinel manganese-nickel-cobalt ternary oxide nanowire array for high-performance electrochemical capacitor applications. <b>2014</b> , 6, 18040-7	138
739	Seed-assisted synthesis of Co3O4@Fe2O3 coreBhell nanoneedle arrays for lithium-ion battery anode with high capacity. <b>2014</b> , 4, 13241	39
738	Fabrication of large-scale nanoporous nickel with a tunable pore size for energy storage. <b>2014</b> , 247, 896-905	123
737	Controllable synthesis of CoAl LDH@Ni(OH)2 nanosheet arrays as binder-free electrode for supercapacitor applications. <b>2014</b> , 608, 297-303	59

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736	Three-dimensional CoD@NiMoOltore/shell nanowire arrays on Ni foam for electrochemical energy storage. <b>2014</b> , 6, 5050-5	175
735	A new type of porous graphite foams and their integrated composites with oxide/polymer core/shell nanowires for supercapacitors: structural design, fabrication, and full supercapacitor demonstrations. <b>2014</b> , 14, 1651-8	395
734	1-D structured flexible supercapacitor electrodes with prominent electronic/ionic transport capabilities. <b>2014</b> , 6, 268-74	29
733	Uniformly loading NiO nanowalls on graphene and their extremely high capacity and cyclability as anodes of lithium-ion batteries. <b>2014</b> , 118, 66-68	34
732	Fe2O3 sheets grown on nickel foam as electrode material for electrochemical capacitors. <b>2014</b> , 713, 98-102	38
731	Synthesis and photocatalytic application of ZnO nanoarrows. <b>2014</b> , 128, 404-407	20
730	Controllable Growth of Hierarchical NiCo2O4 Nanowires and Nanosheets on Carbon Fiber Paper and their Morphology-Dependent Pseudocapacitive Performances. <b>2014</b> , 133, 382-390	51
729	Hierarchical construction of coreBhell metal oxide nanoarrays with ultrahigh areal capacitance. <b>2014</b> , 7, 170-178	102
728	Electrochemical sensing of glucose by carbon cloth-supported Co3O4/PbO2 core-shell nanorod arrays. <b>2014</b> , 53, 200-6	101
727	Oriented assembled TiO2 hierarchical nanowire arrays with fast electron transport properties. <b>2014</b> , 14, 1848-52	118
726	Hierarchically porous nickel oxide nanosheets grown on nickel foam prepared by one-step in situ anodization for high-performance supercapacitors. <b>2014</b> , 9, 1579-85	37
725	Citrate-Assisted Growth of NiCo2O4 Nanosheets on Reduced Graphene Oxide for Highly Reversible Lithium Storage. <b>2014</b> , 4, 1400422	209
724	A V2O5/conductive-polymer core/shell nanobelt array on three-dimensional graphite foam: a high-rate, ultrastable, and freestanding cathode for lithium-ion batteries. <b>2014</b> , 26, 5794-800	400
723	Facile fabrication of hierarchical ZnCo2O4/NiO core/shell nanowire arrays with improved lithium-ion battery performance. <b>2014</b> , 6, 6563-8	64
722	Growth of hierarchical 3D mesoporous NiSix /NiCo2 O4 core/shell heterostructures on nickel foam for lithium-ion batteries. <b>2014</b> , 7, 2325-34	53
721	Nickel©obalt hydroxide microspheres electrodepositioned on nickel cobaltite nanowires grown on Ni foam for high-performance pseudocapacitors. <b>2014</b> , 267, 610-616	71
721 720		71 48

718	Facile Synthesis of 3D Hierarchical Dandelion-like Co3O4 Microspheres for Superior Ethanol Gas Sensing Properties. <b>2014</b> , 43, 1447-1449	4
717	Nanoporous Metal Papers for Scalable Hierarchical Electrode. <b>2015</b> , 2, 1500086	21
716	3D TiO2@Ni(OH)2 Core-shell Arrays with Tunable Nanostructure for Hybrid Supercapacitor Application. <b>2015</b> , 5, 13940	62
715	One-Dimensional Nanostructure-Enhanced Catalysis. <b>2015</b> , 1-29	
714	Optimization of Titania Post-Necking Treatment of TaON Photoanodes to Enhance Water-Oxidation Activity under Visible-Light Irradiation. <b>2015</b> , 2, 1270-1278	14
713	Catalytic Activity and Impedance Behavior of Screen-Printed Nickel Oxide as Efficient Water Oxidation Catalysts. <b>2015</b> , 8, 4266-74	18
712	Silicone Nanofilament Supported Nickel Oxide: A New Concept for Oxygen Evolution Catalysts in Water Electrolyzers. <b>2015</b> , 2, 1500216	9
711	Controllable Synthesis of Copper Oxide/Carbon Core/Shell Nanowire Arrays and Their Application for Electrochemical Energy Storage. <b>2015</b> , 5, 1610-1619	10
710	Hierarchical three-dimensional NiCo2O4 nanoneedle arrays supported on Ni foam for high-performance supercapacitors. <b>2015</b> , 5, 25304-25311	51
709	Hierarchical NiCo2O4@NiMoO4 coreBhell hybrid nanowire/nanosheet arrays for high-performance pseudocapacitors. <b>2015</b> , 3, 14348-14357	184
708	Synthesis of honeycomb-like NiS 2 /NiO nano-multiple materials for high performance supercapacitors. <b>2015</b> , 173, 209-214	38
707	Hierarchical nanoporous metal/metal-oxide composite by dealloying metallic glass for high-performance energy storage. <b>2015</b> , 96, 196-202	41
706	Three dimensional architectures: design, assembly and application in electrochemical capacitors. <b>2015</b> , 3, 15792-15823	125
705	Microstructural design of hybrid CoO@NiO and graphene nano-architectures for flexible high performance supercapacitors. <b>2015</b> , 3, 14833-14844	159
704	Three-dimensional flower-like Co(OH)2 microspheres of nanoflakes/nanorods assembled on nickel foam as binder-free electrodes for High performance supercapacitors. <b>2015</b> , 158, 17-20	16
703	Hierarchical Conducting Polymer@Clay Core-Shell Arrays for Flexible All-Solid-State Supercapacitor Devices. <b>2015</b> , 11, 3530-8	99
702	Template-free synthesis of hierarchical porous Co 3 O 4 microspheres and their application for electrochemical energy storage. <b>2015</b> , 173, 385-392	36
701	Construction of Co/Co3O4II ternary core-branch arrays as enhanced anode materials for lithium ion batteries. <b>2015</b> , 293, 585-591	42

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700	Ultrathin NiCo2O4 nanosheets grown on three-dimensional interwoven nitrogen-doped carbon nanotubes as binder-free electrodes for high-performance supercapacitors. <b>2015</b> , 3, 15331-15338	68
699	TiC/NiO Core/Shell Nanoarchitecture with Battery-Capacitive Synchronous Lithium Storage for High-Performance Lithium-Ion Battery. <b>2015</b> , 7, 11842-8	38
698	Nanoarrays: design, preparation and supercapacitor applications. <b>2015</b> , 5, 55856-55869	53
697	Metallic CoSIhanowire electrodes for high cycling performance supercapacitors. <b>2015</b> , 26, 494001	45
696	Comprehending the effect of MMoO4 (M = Co, Ni) nanoflakes on improving the electrochemical performance of NiO electrodes. <b>2015</b> , 44, 21131-40	8
695	Heterogranular-Structured Diamond-Gold Nanohybrids: A New Long-Life Electronic Display Cathode. <b>2015</b> , 7, 27078-86	12
694	Interconnected mesoporous NiO sheets deposited onto TiO2 nanosheet arrays as binder-free anode materials with enhanced performance for lithium ion batteries. <b>2015</b> , 5, 101247-101256	13
693	Influence of magnetic fields on the morphology and pseudocapacitive properties of NiO on nickel foam. <b>2015</b> , 5, 99745-99753	12
692	Rational Design of Porous MnO 2 Tubular Arrays via Facile and Templated Method for High Performance Supercapacitors. <b>2015</b> , 154, 329-337	49
691	Three-Dimensional Nickel Oxide@Carbon Hollow Hybrid Networks with Enhanced Performance for Electrochemical Energy Storage. <b>2015</b> , 161, 236-244	28
690	Synthesis and characterization of monodispersed የGathanospheres via morphology controlled Gathanospheres. 2015, 31, 833-8	15
689	Sandwich-like MnOx/Ni1-xMnxOy@nanoporous nickel/MnOx architecture with high areal/volumetric capacitance. <b>2015</b> , 155, 16-22	9
688	Ultrathin ₱Ni(OH)2 nanoplates vertically grown on nickel-coated carbon nanotubes as high-performance pseudocapacitor electrode materials. <b>2015</b> , 7, 974-9	46
687	NiMoO4@Co(OH)2 core/shell structure nanowire arrays supported on Ni foam for high-performance supercapacitors. <b>2015</b> , 5, 21881-21887	33
686	Superior performance asymmetric supercapacitors based on ZnCo2O4@MnO2 coreBhell electrode. <b>2015</b> , 3, 5442-5448	137
685	Ni@NiO coreBhell nanoparticle tube arrays with enhanced supercapacitor performance. <b>2015</b> , 3, 6432-6439	68
684	Construction of Co3O4 nanotubes as high-performance anode material for lithium ion batteries. <b>2015</b> , 160, 15-21	103
683	The preparation and electrochemical characterization of urchin-like NiCo2O4 nanostructures. <b>2015</b> , 332, 247-252	21

682	Characterization of MgCo2O4 as an electrode for high performance supercapacitors. 2015, 161, 312-321	231
681	Construction of hierarchical porous NiCo2O4 films composed of nanowalls as cathode materials for high-performance supercapacitor. <i>Materials Research Bulletin</i> , <b>2015</b> , 64, 401-404	15
68o	Crystalline ZnO/Amorphous ZnO Core/Shell Nanorods: Self-Organized Growth, Structure, and Novel Luminescence. <b>2015</b> , 119, 4848-4855	11
679	Au-embedded ZnO/NiO hybrid with excellent electrochemical performance as advanced electrode materials for supercapacitor. <b>2015</b> , 7, 2480-5	93
678	Facile general strategy toward hierarchical mesoporous transition metal oxides arrays on three-dimensional macroporous foam with superior lithium storage properties. <b>2015</b> , 13, 77-91	154
677	Atomic layer deposition of Co3O4 on carbon nanotubes/carbon cloth for high-capacitance and ultrastable supercapacitor electrode. <b>2015</b> , 26, 094001	66
676	CoreBhell structured Ce2S3@ZnO and its potential as a pigment. <b>2015</b> , 3, 2176-2180	28
675	Highly sensitive non-enzymatic glucose sensor based on over-oxidized polypyrrole nanowires modified with Ni(OH)2 nanoflakes. <b>2015</b> , 211, 93-101	68
674	Dendritic heterojunction nanowire arrays for high-performance supercapacitors. <b>2015</b> , 5, 7862	76
673	A composition-tunable ZnxCd1\( \text{NSe}/ZnO\) core\( \text{Shell}\) nanowire array: mechanisms for the enhanced charge separation and its photovoltaic applications. <b>2015</b> , 5, 11084-11090	3
672	Nickel oxide nanopetal-decorated 3D nickel network with enhanced pseudocapacitive properties. <b>2015</b> , 5, 15042-15051	29
671	Ultrathin porous nickelBobalt hydroxide nanosheets for high-performance supercapacitor electrodes. <b>2015</b> , 5, 17007-17013	54
670	Influence of microwave power on the preparation of NiO nanoflakes for enhanced magnetic and supercapacitor applications. <b>2015</b> , 44, 4485-97	65
669	Spinel ZnFe2O4 nanoparticle-decorated rod-like ZnO nanoheterostructures for enhanced gas sensing performances. <b>2015</b> , 5, 10048-10057	84
668	NiMoO4 nanowire @ MnO2 nanoflake core/shell hybrid structure aligned on carbon cloth for high-performance supercapacitors. <b>2015</b> , 5, 10681-10687	31
667	Facile Synthesis of Three Dimensional NiCo2O4@MnO2 CoreBhell Nanosheet Arrays and its Supercapacitive Performance. <b>2015</b> , 157, 31-40	78
666	Controlled formation of core-shell structures with uniform AlPO4 nanoshells. <b>2015</b> , 51, 2943-2945	15
665	Hierarchical NiMn2O4@CNT nanocomposites for high-performance asymmetric supercapacitors. <b>2015</b> , 5, 24607-24614	60

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664	Nanostructured pseudocapacitive materials decorated 3D graphene foam electrodes for next generation supercapacitors. <b>2015</b> , 7, 6999-7021	106
663	Reed Leaves as a Sustainable Silica Source for 3D Mesoporous Nickel (Cobalt) Silicate Architectures Assembled into Ultrathin Nanoflakes for High-Performance Supercapacitors. <b>2015</b> , 2, 1400377	51
662	Engineering of high performance supercapacitor electrode based on Fe-Ni/Fe2O3-NiO core/shell hybrid nanostructures. <b>2015</b> , 117, 105101	27
661	One-dimensional nanostructures for flexible supercapacitors. <b>2015</b> , 3, 16382-16392	59
660	Structural transition behavior of ZnS nanotetrapods under high pressure. <b>2015</b> , 35, 9-15	6
659	A highly electronic conductive cobalt nickel sulphide dendrite/quasi-spherical nanocomposite for a supercapacitor electrode with ultrahigh areal specific capacitance. <b>2015</b> , 295, 314-322	139
658	Growth of Ultrathin Mesoporous Ni-Mo Oxide Nanosheet Arrays on Ni Foam for High-performance Supercapacitor Electrodes. <b>2015</b> , 176, 1343-1351	35
657	Hierarchical, Ultrathin Single-Crystal Nanowires of CdS Conveniently Produced in Laser-Induced Thermal Field. <b>2015</b> , 31, 8162-7	1
656	NiO-Microflower Formed by Nanowire-weaving Nanosheets with Interconnected Ni-network Decoration as Supercapacitor Electrode. <b>2015</b> , 5, 11919	75
655	Synthesis of shish-kebab-like NiO@Co3O4 nanowire arrays and their application for electrochemical energy storage. <b>2015</b> , 159, 313-316	10
654	Efficient oxygen reduction reaction using mesoporous Ni-doped Co3O4 nanowire array electrocatalysts. <b>2015</b> , 3, 18372-18379	48
653	Charge transfer and storage in nanostructures. <b>2015</b> , 96, 1-69	62
652	Hybrid MnO2/C nano-composites on a macroporous electrically conductive network for supercapacitor electrodes. <b>2015</b> , 3, 16695-16707	35
651	Amorphous Ni-Co Binary Oxide with Hierarchical Porous Structure for Electrochemical Capacitors. <b>2015</b> , 7, 24419-29	67
650	Morphology control synthesis of Aulīu2S metal-semiconductor hybrid nanostructures by modulating reaction constituents. <b>2015</b> , 5, 56629-56635	3
649	Hierarchical Cu0.27Co2.73O4/MnO2 nanorod arrays grown on 3D nickel foam as promising electrode materials for electrochemical capacitors. <b>2015</b> , 3, 17359-17368	20
648	Uniform fibrous-structured hollow mesoporous carbon spheres for high-performance supercapacitor electrodes. <b>2015</b> , 176, 542-547	36
647	High-throughput synthesis of coreBhell and multi-shelled materials by fluidised bed chemical vapour deposition. Case study: double-shell rutileBnatase particles. <b>2015</b> , 3, 17241-17247	3

646	Formation of hierarchical CoMoO4@MnO2 coreBhell nanosheet arrays on nickel foam with markedly enhanced pseudocapacitive properties. <b>2015</b> , 296, 162-168		46
645	Ethanol-assisted solvothermal synthesis of porous nanostructured cobalt oxides (CoO/Co3O4) for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , <b>2015</b> , 280, 377-384	14.7	126
644	Hierarchical ZnO@MnO2@PPy ternary coreBhell nanorod arrays: an efficient integration of active materials for energy storage. <b>2015</b> , 5, 39864-39869		12
643	The growth and assembly of the multidimensional hierarchical Ni3S2 for aqueous asymmetric supercapacitors. <b>2015</b> , 17, 4495-4501		40
642	Synthesis of nickel oxide nanospheres by a facile spray drying method and their application as anode materials for lithium ion batteries. <i>Materials Research Bulletin</i> , <b>2015</b> , 70, 200-203	5.1	12
641	Semiconductor nanowire battery electrodes. <b>2015</b> , 441-469		1
640	Facile synthesis of NZMC/Co3O4 composite electrode materials at low temperature and its application in electrochemical capacitor. <b>2015</b> , 19, 1717-1725		2
639	Facile one-step synthesis of Co(OH)2 microsphere/graphene composites for an efficient supercapacitor electrode material. <b>2015</b> , 5, 38324-38329		10
638	Construction of unique Co3O4@CoMoO4 core/shell nanowire arrays on Ni foam by the action exchange method for high-performance supercapacitors. <b>2015</b> , 3, 14578-14584		71
637	Asymmetric Supercapacitors Using 3D Nanoporous Carbon and Cobalt Oxide Electrodes Synthesized from a Single Metal-Organic Framework. <i>ACS Nano</i> , <b>2015</b> , 9, 6288-96	16.7	785
6 <sub>3</sub> 6		16.7	7 <sup>8</sup> 5
	Synthesized from a Single Metal-Organic Framework. <i>ACS Nano</i> , <b>2015</b> , 9, 6288-96  Facile synthesis of Co3O4 nanowires grown on hollow NiO microspheres with superior	16.7	
636	Synthesized from a Single Metal-Organic Framework. <i>ACS Nano</i> , <b>2015</b> , 9, 6288-96  Facile synthesis of Co3O4 nanowires grown on hollow NiO microspheres with superior electrochemical performance. <b>2015</b> , 166, 168-173	16.7	51
636 635	Synthesized from a Single Metal-Organic Framework. <i>ACS Nano</i> , <b>2015</b> , 9, 6288-96  Facile synthesis of Co3O4 nanowires grown on hollow NiO microspheres with superior electrochemical performance. <b>2015</b> , 166, 168-173  Hierarchical micro-architectures of electrodes for energy storage. <b>2015</b> , 284, 435-445  Preparation of highly capacitive polyaniline/black TiO2 nanotubes as supercapacitor electrode by	16.7	51 65
636 635 634	Facile synthesis of Co3O4 nanowires grown on hollow NiO microspheres with superior electrochemical performance. 2015, 166, 168-173  Hierarchical micro-architectures of electrodes for energy storage. 2015, 284, 435-445  Preparation of highly capacitive polyaniline/black TiO2 nanotubes as supercapacitor electrode by hydrogenation and electrochemical deposition. 2015, 166, 174-182  Laser-Induced Reductive Sintering of Nickel Oxide Nanoparticles under Ambient Conditions. 2015,	16.7	<ul><li>51</li><li>65</li><li>84</li></ul>
<ul><li>636</li><li>635</li><li>634</li><li>633</li></ul>	Synthesized from a Single Metal-Organic Framework. <i>ACS Nano</i> , <b>2015</b> , 9, 6288-96  Facile synthesis of Co3O4 nanowires grown on hollow NiO microspheres with superior electrochemical performance. <b>2015</b> , 166, 168-173  Hierarchical micro-architectures of electrodes for energy storage. <b>2015</b> , 284, 435-445  Preparation of highly capacitive polyaniline/black TiO2 nanotubes as supercapacitor electrode by hydrogenation and electrochemical deposition. <b>2015</b> , 166, 174-182  Laser-Induced Reductive Sintering of Nickel Oxide Nanoparticles under Ambient Conditions. <b>2015</b> , 119, 6363-6372  Fabrication of urchin-like NiCo2(CO3)1.5(OH)3@NiCo2S4 on Ni foam by an ion-exchange route and	16.7	<ul><li>51</li><li>65</li><li>84</li><li>45</li></ul>
<ul><li>636</li><li>635</li><li>634</li><li>633</li><li>632</li></ul>	Facile synthesis of Co3O4 nanowires grown on hollow NiO microspheres with superior electrochemical performance. 2015, 166, 168-173  Hierarchical micro-architectures of electrodes for energy storage. 2015, 284, 435-445  Preparation of highly capacitive polyaniline/black TiO2 nanotubes as supercapacitor electrode by hydrogenation and electrochemical deposition. 2015, 166, 174-182  Laser-Induced Reductive Sintering of Nickel Oxide Nanoparticles under Ambient Conditions. 2015, 119, 6363-6372  Fabrication of urchin-like NiCo2(CO3)1.5(OH)3@NiCo2S4 on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. 2015, 3, 13308-13316  Three-dimensional NiCo2O4@NiMoO4 core/shell nanowires for electrochemical energy storage.	16.7	<ul><li>51</li><li>65</li><li>84</li><li>45</li><li>77</li></ul>

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628	Cobalt sulfide nanosheets coated on NiCo2S4 nanotube arrays as electrode materials for high-performance supercapacitors. <b>2015</b> , 3, 10492-10497		142
627	Construction of Three-Dimensional Homogeneous NiCo2O4Core/Shell Nanostructure as High-Performance Electrodes for Supercapacitors. <b>2015</b> , 162, E319-E324		16
626	One-dimensional cadmium hydroxide nanowires towards electrochemical supercapacitor. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 9124-9131	3.6	50
625	Synthesis of carbon fiber@nickel oxide nanosheet coreBhells for high-performance supercapacitors. <b>2015</b> , 5, 84238-84244		11
624	Urchin-like MnO2 capped ZnO nanorods as high-rate and high-stability pseudocapacitor electrodes. <b>2015</b> , 186, 1-6		18
623	Metamorphic GaAs/GaAsBi Heterostructured Nanowires. <b>2015</b> , 15, 7265-72		19
622	A facile synthesis of EMnO2 used as a supercapacitor electrode material: The influence of the Mn-based precursor solutions on the electrochemical performance. <b>2015</b> , 357, 1747-1752		19
621	Hierarchical core/shell structure of MnO2@polyaniline composites grown on carbon fiber paper for application in pseudocapacitors. <b>2015</b> , 17, 29874-9		24
620	Construction of hierarchical CoS nanowire@NiCo2S4 nanosheet arrays via one-step ion exchange for high-performance supercapacitors. <b>2015</b> , 3, 24033-24040		106
619	3D hierarchically porous zinclickellobalt oxide nanosheets grown on Ni foam as binder-free electrodes for electrochemical energy storage. <b>2015</b> , 3, 24022-24032		53
618	Microwave Synthesis of SnWO4 Nanoassemblies on DNA Scaffold: A Novel Material for High Performance Supercapacitor and as Catalyst for Butanol Oxidation. <b>2015</b> , 3, 2321-2336		49
617	Nitrogen-Doped Carbon Nanocoil Array Integrated on Carbon Nanofiber Paper for Supercapacitor Electrodes. <b>2015</b> , 7, 19370-81		57
616	Construction of carbon nanoflakes shell on CuO nanowires core as enhanced core/shell arrays anode of lithium ion batteries. <b>2015</b> , 178, 574-579		34
615	Heterogeneous Nanostructures for Sodium Ion Batteries and Supercapacitors. <b>2015</b> , 1, 458-476		25
614	Controlled Construction of Hierarchical Nanocomposites Consisting of MnO2 and PEDOT for High-Performance Supercapacitor Applications. <b>2015</b> , 2, 949-957		27
613	Rational Synthesis of Branched CoMoO4@CoNiO2 Core/Shell Nanowire Arrays for All-Solid-State Supercapacitors with Improved Performance. <b>2015</b> , 7, 24204-11		70
612	Core-shell nanoparticles: synthesis and applications in catalysis and electrocatalysis. <b>2015</b> , 44, 7540-90		696
611	Flexible all-solid-state asymmetric supercapacitor assembled using coaxial NiMoO 4 nanowire arrays with chemically integrated conductive coating <b>2015</b> , 178, 429-438		54

610	Facile Synthesis of Hierarchical Mesoporous Honeycomb-like NiO for Aqueous Asymmetric Supercapacitors. <b>2015</b> , 7, 19930-40	178
609	Hollow SnO2@Co3O4 coreBhell spheres encapsulated in three-dimensional graphene foams for high performance supercapacitors and lithium-ion batteries. <b>2015</b> , 298, 83-91	68
608	Branched ultra-fine nickel oxide/manganese dioxide coreBhell nanosheet arrays for electrochemical capacitors. <b>2015</b> , 5, 77115-77121	18
607	Polypyrrole-coated manganese dioxide with multiscale architectures for ultrahigh capacity energy storage. <b>2015</b> , 8, 3030-3039	102
606	Hierarchical Cu7S4 nanotubes assembled by hexagonal nanoplates with high catalytic performance for quantum dot-sensitized solar cells. <b>2015</b> , 299, 212-220	29
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444	Mesoporous three dimension NiCo2O4/graphene composites fabricated by self-generated sacrificial template method for a greatly enhanced specific capacity. <b>2017</b> , 28, 11119-11124	14
443	Hierarchical hollow cages of Mn-Co layered double hydroxide as supercapacitor electrode materials. <b>2017</b> , 413, 35-40	80
442	Synthesis of hierarchical ⊞e2O3 nanotubes for high-performance lithium-ion batteries. <b>2017</b> , 714, 6-12	28
441	Synthesis of MnO 2 /C composite nanotubes as advanced cathode of supercapacitors. <i>Materials Research Bulletin</i> , <b>2017</b> , 96, 330-334	3
440	Hierarchical Cu(OH)2@Ni2(OH)2CO3 core/shell nanowire arrays in situ grown on three-dimensional copper foam for high-performance solid-state supercapacitors. <b>2017</b> , 5, 9960-9969	95
439	One-step hydrothermal synthesis of Ni3S4@MoS2 nanosheet on carbon fiber paper as a binder-free anode for supercapacitor. <b>2017</b> , 28, 12747-12754	42
438	High-performance all-solid-state asymmetrical supercapacitors based on petal-like NiCo 2 S 4 /Polyaniline nanosheets. <i>Chemical Engineering Journal</i> , <b>2017</b> , 325, 134-143	171
437	Three-dimensional Co 3 O 4 Nanowire@NiO Nanosheet Core-shell Construction Arrays as Electrodes for Low Charge Transfer Resistance. <b>2017</b> , 241, 220-228	17
436	Controlled synthesis of MnO nanosheets vertically covered FeCoO nanoflakes as a binder-free electrode for a high-power and durable asymmetric supercapacitor. <b>2017</b> , 28, 235401	20
435	Shape-controlled fabrication and enhanced gas sensing properties of uniform sphere-like ZnFe2O4 hierarchical architectures. <b>2017</b> , 250, 111-120	35
434	Highly stable nanostructured membrane electrode assembly based on Pt/NbO nanobelts with reduced platinum loading for proton exchange membrane fuel cells. <b>2017</b> , 9, 6910-6919	13
433	Ammonium vanadate@polypyrrole@manganese dioxide nanowire arrays with enhanced reversible lithium storage. <b>2017</b> , 416, 402-410	11
432	Preparation of Sandwich-like NiCoO/rGO/NiO Heterostructure on Nickel Foam for High-Performance Supercapacitor Electrodes. <b>2017</b> , 9, 16	44
431	Material conversion of GaAs nanowires. <b>2017</b> , 254, 1600522	

430	Coaxial electrospinning heterojunction SnO2/Au-doped In2O3 core-shell nanofibers for acetone gas sensor. <b>2017</b> , 252, 822-830		80
429	Production and Characterization of Electroactive Nickel Oxides Grown on Nickel Foam by Anodic Oxidation in KOH Melts for Supercapacitor Applications. <b>2017</b> , 2, 3237-3247		2
428	Pseudocapacitance of nanoporous Ni@NiO nanoparticles on Ni foam substrate: Influence of the annealing temperature. <b>2017</b> , 42, 15236-15245		10
427	Carbon quantum dot-induced self-assembly of ultrathin Ni(OH)2 nanosheets: A facile method for fabricating three-dimensional porous hierarchical composite micro-nanostructures with excellent supercapacitor performance. <b>2017</b> , 10, 3005-3017		58
426	Cavity-Enhanced Microphotoluminescence in a CoreBhell np CdS/CdO Micrometer Wire and Its Efficient Surface Photovoltage Responses in the Whole Visible Range. <b>2017</b> , 121, 14349-14358		6
425	Mussel-Inspired, Biomimetics-Assisted Self-Assembly of Co3O4 on Carbon Fibers for Flexible Supercapacitors. <b>2017</b> , 4, 2269-2277		17
424	Hierarchical Co 3 O 4 @PPy core-shell composite nanowires for supercapacitors with enhanced electrochemical performance. <i>Materials Research Bulletin</i> , <b>2017</b> , 96, 463-470	5.1	26
423	Direct aqueous solution synthesis of an ultra-fine amorphous nickel <b>B</b> oron alloy with superior pseudocapacitive performance for advanced asymmetric supercapacitors. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 7302-7311	3.6	21
422	Ultrasmall NiO nanoclusters modified with conical Ni(II)-SR staples for high performance supercapacitor applications. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 6127-6136	3.6	14
421	Hydrazine reduction of LaNiO3 for active materials in supercapacitors. <b>2017</b> , 100, 4629-4637		16
420	Construct hierarchical electrode with Ni x Co 3-x S 4 nanosheet coated on NiCo 2 O 4 nanowire arrays grown on carbon fiber paper for high-performance asymmetric supercapacitors. <b>2017</b> , 359, 262-	269	95
419	Recent advances in hierarchical three-dimensional titanium dioxide nanotree arrays for high-performance solar cells. <b>2017</b> , 5, 12699-12717		40
418	Three-dimensional ordered ZnOEe3O4 inverse opal gas sensor toward trace concentration acetone detection. <b>2017</b> , 252, 367-374		53
417	Facile fabrication of layer-cake-like nano-micro hierarchical structure for high performance Li storage. <b>2017</b> , 7, 28548-28555		4
416	Nanoscale ion intermixing induced activation of Fe2O3/MnO2 composites for application in lithium ion batteries. <b>2017</b> , 5, 8510-8518		47
415	Deposition of fan-shaped ZnMoO4 on ZnCo2O4 nanowire arrays for high electrochemical performance. <i>Applied Physics A: Materials Science and Processing</i> , <b>2017</b> , 123, 1	2.6	6
414	Low-temperature synthesis of SrTiO3 nanoassemblies on DNA scaffolds and their applications in dye-sensitized solar cells and supercapacitors. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 3473-3486	3.6	14
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409	Study of structural and optical properties of low temperature photo-activated ZnO-rGO composite thin film. <i>Materials Research Bulletin</i> , <b>2017</b> , 91, 227-231	8
408	Recent advances in multifunctional electrochromic energy storage devices and photoelectrochromic devices. <b>2017</b> , 60, 13-37	57
407	Enhancing absorption properties of composite nanosphere and nanowire arrays by localized surface plasmon resonance shift. <b>2017</b> , 7, 87-94	6
406	Cyanometallic frameworks derived hierarchical porous Fe2O3/NiO microflowers with excellent lithium-storage property. <b>2017</b> , 698, 469-475	22
405	Simple synthesis of bimetal oxide@graphitized carbon nanocomposites via in-situ thermal decomposition of coordination polymers and their enhanced electrochemical performance for electrochemical energy storage. <b>2017</b> , 224, 80-89	15
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403	Electrochemical synthesis and hydrophilicity of micro-pored aluminum foil. <b>2017</b> , 309, 523-530	10
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399	Self-Supported Amorphous-Edge Nickel Sulfide Nanobrush for Excellent Energy Storage. <b>2017</b> , 255, 153-159	29
398	Carbon modified transition metal oxides/hydroxides nanoarrays toward high-performance flexible all-solid-state supercapacitors. <b>2017</b> , 41, 408-416	86
397	Construction of N-doped carbon@MoSe2 core/branch nanostructure via simultaneous formation of core and branch for high-performance lithium-ion batteries. <b>2017</b> , 256, 19-27	20
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391	Microwave assisted synthesis of La1 $\blacksquare$ CaxMnO3 (x = 0, 0.2 and 0.4): Structural and capacitance properties. <b>2017</b> , 43, 15970-15977	13
390	Synthesis of hierarchical porous CuO Nanowire@NiCo-layered double hydroxide core-shell structured nanoarrays on copper foam for high-performance supercapacitors. <b>2017</b> ,	
389	Recent progress in layered double hydroxide based materials for electrochemical capacitors: design, synthesis and performance. <b>2017</b> , 9, 15206-15225	107
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384	Recent Advances in Designing and Fabricating Self-Supported Nanoelectrodes for Supercapacitors. <b>2017</b> , 4, 1700188	122
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382	Bio-Nanotechnology in High-Performance Supercapacitors. <b>2017</b> , 7, 1700592	126
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378	Hierarchical MoO3/MnO2 core-shell nanostructures with enhanced pseudocapacitive properties. <b>2017</b> , 725, 373-378	13
377	Photo-electrochemical properties of graphene wrapped hierarchically branched nanostructures obtained through hydrothermally transformed TiO nanotubes. <b>2017</b> , 28, 405706	6

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374	Growth of high density NiSi/SiC core-shell nanowires by hot-wire chemical vapour deposition for electrochemical applications. <b>2017</b> , 132, 187-198		6	
373	Design and Synthesis of Hierarchical SiO@C/TiO Hollow Spheres for High-Performance Supercapacitors. <b>2017</b> , 9, 29982-29991		67	
372	ZnO/ZnS Core-Shell Nanowires Arrays on Ni Foam Prepared by Atomic Layer Deposition for High Performance Supercapacitors. <b>2017</b> , 164, A3493-A3498		17	
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369	Green Fabrication of Ultrathin CoO Nanosheets from Metal-Organic Framework for Robust High-Rate Supercapacitors. <b>2017</b> , 9, 41827-41836		95	
368	Nanostructured materials: A progressive assessment and future direction for energy device applications. <b>2017</b> , 353, 113-141		29	
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366	Hierarchical NiCo2O4@NiCoAl-layered double hydroxide core/shell nanoforest arrays as advanced electrodes for high-performance asymmetric supercapacitors. <b>2017</b> , 724, 130-138		68	
365	High electrochemical performance asymmetric supercapacitor based on La 2 O 3 //Co 3 O 4 electrodes. <b>2017</b> , 56, 90-98		28	
364	Conformal construction of polyaniline shell on cobalt oxide nanoflake core for enhanced Li ion storage. <i>Materials Research Bulletin</i> , <b>2017</b> , 94, 216-221	5.1	2	
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347	Synthesis of Cobaltous Nickel Oxide Core/Shell Nanowires for Supercapacitors. <b>2017</b> , 46, 3253-3259		O
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339	Heterogeneous nanostructure array for electrochemical energy conversion and storage. <b>2018</b> , 20, 33-57		48
338	Controllable morphologies of Co3O4@MnO2 core-shell structure grown on nickel foam and their supercapacitor behavior. <b>2018</b> , 277, 19-24		16
337	Co oxide nanostructures for electrocatalytic water-oxidation: effects of dimensionality and related properties. <b>2018</b> , 10, 8806-8819		47
336	Interface-rich core-shell ammonium nickel cobalt phosphate for high-performance aqueous hybrid energy storage device without a depressed power density. <b>2018</b> , 272, 184-191		59
335	Heterogeneous NiS/NiO multi-shelled hollow microspheres with enhanced electrochemical performances for hybrid-type asymmetric supercapacitors. <b>2018</b> , 6, 9153-9160		76
334	RF magnetron sputtering synthesis of three-dimensional graphene@Co3O4 nanowire array grown on Ni foam for application in supercapacitors. <b>2018</b> , 740, 174-179		18
333	Advanced binder-free electrode based on coreEhell nanostructures of mesoporous  Co3V2O8-Ni3V2O8 thin layers@porous carbon nanofibers for high-performance and flexible 14.  all-solid-state supercapacitors. <i>Chemical Engineering Journal</i> , <b>2018</b> , 341, 10-26	7	74
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326	MoS2/Ni3S4 composite nanosheets on interconnected carbon shells as an excellent supercapacitor electrode architecture for long term cycling at high current densities. <b>2018</b> , 440, 741-747		44
325	Fabrication of Core-Shell Fe3O4@C@MnO2Microspheres and Their Application in Supercapacitors. <b>2018</b> , 165, E58-E63		13
324	Fabricating composite supercapacitor electrodes of polyaniline and aniline-terminated silica by mechanical agitation and sonication. <b>2018</b> , 22, 1249-1256		7
323	Facile and ultrafast solid-state microwave approach to MnO2-NW@Graphite nanocomposites for supercapacitors. <b>2018</b> , 44, 5402-5410		9

322	Design and synthesis of wool-like Co-Mg compound@NiMoO4 nanosheet material for high performance supercapacitors. <b>2018</b> , 107, 271-281		9
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317	Facile synthesis of ZnO-Au nanocomposites for high-performance supercapacitors. <b>2018</b> , 758, 131-139		28
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301	1D Nanomaterials: Design, Synthesis, and Applications in Sodium-Ion Batteries. <b>2018</b> , 14, 1703086	135
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293	Hydrothermal growth of magnesium ferrite rose nanoflowers on Nickel foam; application in high-performance asymmetric supercapacitors. <b>2018</b> , 29, 650-657	18
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287	Introduction: Energy technologies and their role in our life. <b>2018</b> , 1-16	2

286	Mixed Metal Oxide Composites Synthesis and Energy Storage Related Applications. <b>2018</b> , 3, 18-25	5
285	Highly selective transmission and absorption from metasurfaces of periodically corrugated cylindrical particles. <b>2018</b> , 98,	24
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283	Controllable Elasticity Storage and Release in CuOBt Core-Shell Nanowires. 2018, 4, 1140-1144	4
282	Metal oxides in supercapacitors. <b>2018</b> , 169-203	16
281	Anchoring of IrO2 on One-Dimensional Co3O4 Nanorods for Robust Electrocatalytic Water Splitting in an Acidic Environment. <b>2018</b> , 1, 6374-6380	9
280	Hierarchical FeCo2O4@polypyrrole Core/Shell Nanowires on Carbon Cloth for High-Performance Flexible All-Solid-State Asymmetric Supercapacitors. <b>2018</b> , 6, 14945-14954	78
279	Polythiophene -viologen bilayer for electro-trichromic device. <b>2018</b> , 188, 249-254	38
278	Advanced binder-free electrodes based on CoMnO@CoO core/shell nanostructures for high-performance supercapacitors <b>2018</b> , 8, 31594-31602	20
277	Electrochemical Material Processing via Continuous Charge-Discharge Cycling: Enhanced Performance upon Cycling for Porous LaMnO3 Perovskite Supercapacitor Electrodes. <b>2018</b> , 5, 3723-3730	13
276	Nanoporous Films and Nanostructure Arrays Created by Selective Dissolution of Water-Soluble Materials. <b>2018</b> , 5, 1800851	4
275	Highly stable mesoporous CeO2/CeS2 nanocomposite as electrode material with improved supercapacitor electrochemical performance. <b>2018</b> , 44, 22262-22270	28
274	Facile growth of coaxial Ag@polypyrrole nanowires for highly tunable electromagnetic waves absorption. <b>2018</b> , 154, 192-202	69
273	Construction of hierarchical zinc cobalt sulfide@nickel sulfide core-shell nanosheet arrays for high-performance asymmetric solid-state supercapacitors. <i>Chemical Engineering Journal</i> , <b>2018</b> , 349, 397-407	30
272	Synthesis and electrocatalytic properties for oxygen reduction of PdFe nanoflowers. <b>2018</b> , 54, 7058-7061	17
271	Functionalized graphenepolyaniline nanocomposite as electrode material for asymmetric supercapacitors. <b>2018</b> , 22, 2917-2928	8
270	Synthesis of hierarchical tube-like yolk-shell Co3O4@NiMoO4 for enhanced supercapacitor performance. <b>2018</b> , 43, 14569-14577	49
269	Enhanced anode performance of flower-like NiO/RGO nanocomposites for lithium-ion batteries. <b>2018</b> , 217, 547-552	21

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268	Pushing the cycling stability limit of hierarchical metal oxide core/shell nanoarrays pseudocapacitor electrodes by nanoscale interface optimization. <b>2018</b> , 10, 14352-14358	10
267	One-step construction of hierarchical Ni(OH)2/RGO/Cu2O on Cu foil for ultra-sensitive non-enzymatic glucose and hydrogen peroxide detection. <b>2018</b> , 274, 163-171	34
266	Ultralayered corelhell metal oxide nanosheet arrays for supercapacitors with long-term electrochemical stability. <b>2018</b> , 2, 2115-2123	17
265	Synergistic effect of Co3O4@C@MnO2 nanowire heterostructures for high-performance asymmetry supercapacitor with long cycle life. <b>2018</b> , 283, 1087-1094	31
264	Hierarchical WO@MnWO core-shell structure for asymmetric supercapacitor with ultrahigh cycling performance at low temperature. <b>2018</b> , 531, 216-224	12
263	Development of Novel and Ultra-High-Performance Supercapacitor Based on a Four Layered Unique Structure. <b>2018</b> , 7, 121	10
262	Metal-organic frameworks and their composites as efficient electrodes for supercapacitor applications. <b>2018</b> , 369, 15-38	178
261	Core/shell design of efficient electrocatalysts based on NiCo2O4 nanowires and NiMn LDH nanosheets for rechargeable zincBir batteries. <b>2018</b> , 6, 10243-10252	114
<b>2</b> 60	Twin-mediated epitaxial growth of highly lattice-mismatched Cu/Ag core-shell nanowires. <b>2018</b> , 10, 9862-986	5 <b>6</b> 18
259	Promoting the water reduction reaction of transition metal dichalcogenides in a basic electrolyte by interface engineering. <b>2018</b> , 6, 17488-17494	9
258	Electrochromic strategy for tungsten oxide/polypyrrole hybrid nanofiber materials. 2018, 107, 173-180	15
257	Synthesis and Progress of New Oxygen-Vacant Electrode Materials for High-Energy Rechargeable Battery Applications. <b>2018</b> , 14, e1802193	48
256	In situ synthesis of mesoporous NiO nanoplates embedded in a flexible graphene matrix for supercapacitor electrodes. <b>2018</b> , 232, 163-166	18
255	Effect of interlayer space on the structure and Poisson's ratio of a graphene/MoS2 tubular van der Waals heterostructure. <b>2018</b> , 124, 084302	3
254	High areal capacitance and rate capability using filled Ni foam current collector. 2018, 281, 761-768	8
253	Fabrication of CoreBheath [email[protected]x Nanoarrays for Efficient Electrocatalytic Hydrogen Evolution. <b>2018</b> , 6, 8847-8855	16
252	High-performance symmetric supercapacitors based on carbon nanotube/graphite nanofiber nanocomposites. <b>2018</b> , 8, 9005	59
251	Carbon nanotubes branch on cobalt oxide nanowires core as enhanced high-rate cathodes of alkaline batteries. <b>2018</b> , 44, 16791-16798	6

250	One-pot hydrothermal synthesis of amorphous FeOOH on Ni foam for high performance supercapacitors. <b>2018</b> , 763, 134-140	10
249	Polyurethane and polyaniline foam-derived nickel oxide-incorporated porous carbon composite for high-performance supercapacitors. <b>2018</b> , 53, 13156-13172	7
248	Design and understanding of dendritic mixed-metal hydroxide nanosheets@N-doped carbon nanotube array electrode for high-performance asymmetric supercapacitors. <b>2019</b> , 16, 632-645	170
247	Mesoporous NiCo2O4 nanoneedles@MnO2 nanoparticles grown on nickel foam for electrode used in high-performance supercapacitors. <b>2019</b> , 31, 167-177	26
246	Multiscale Porous Carbon Nanomaterials for Applications in Advanced Rechargeable Batteries. <b>2019</b> , 2, 9-36	41
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244	Engineering of MoS2 Quantum Dots/PANI Aerogel for High Performance Supercapaciator. <b>2019</b> , 386, 1800242	4
243	Wet chemical growth of semiconductor 1-D nanostructure arrays on conductive substrates. <b>2019</b> , 7, 12019-1	20 <del>4</del> 7
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237	One-pot synthesis of branched CuInSe2 nanowires based on solution-liquid-solid method and their implementation in photovoltaic devices. <b>2019</b> , 523, 125152	4
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205	A facile synthesis of palladium encased Ag nanowires and its effect on fluorescence and catalysis. <b>2019</b> , 6, 055015	2
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200	ZincBickelBobalt ternary hydroxide nanoarrays for high-performance supercapacitors. <b>2019</b> , 7, 11826-11835	72
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198	A facile method to synthesize CoVO as a high-performance supercapacitor cathode <b>2019</b> , 9, 9475-9479	10
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183		23
·	an advanced supercapattery. <b>2019</b> , 48, 17163-17168  Environmentally friendly room temperature synthesis of hierarchical porous ENi(OH)2 nanosheets	·
183	an advanced supercapattery. <b>2019</b> , 48, 17163-17168  Environmentally friendly room temperature synthesis of hierarchical porous ENi(OH)2 nanosheets for supercapacitor and catalysis applications. <b>2019</b> , 21, 5960-5968  Flexible supercapacitor electrodes fabricated by dealloying nanocrystallized Al-Ni-Co-Y-Cu metallic	20
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172	Transition-Metal Oxynitride: A Facile Strategy for Improving Electrochemical Capacitor Storage. <b>2019</b> , 31, e1806088	61
171	Core-shell structure of ZnO/Co3O4 composites derived from bimetallic-organic frameworks with superior sensing performance for ethanol gas. <b>2019</b> , 475, 700-709	62
170	Advanced three-dimensional hierarchical Pr6O11@Ni-Co oxides-based core-shell electrodes for supercapacitance application. <b>2019</b> , 783, 772-778	12
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161	Fabrication and study of supercapacitor electrodes based on oxygen plasma functionalized carbon nanotube fibers. <b>2020</b> , 40, 120-131	52

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157	A comparative analysis of real-time power optimization for organic Rankine cycle waste heat recovery systems. <b>2020</b> , 164, 114442		12
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149	Atomic Layer Deposition Seeded Growth of Rutile SnO Nanowires on Versatile Conducting Substrates. <b>2020</b> , 12, 48486-48494		8
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147	Hierarchical CoP@Ni2P coreEhell nanosheets for ultrahigh energy density asymmetric supercapacitors. <b>2020</b> , 7, 3030-3038		11
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138	Three-Dimensional Architectures in Electrochemical Capacitor Applications Insights, Opinions, and Perspectives. <b>2020</b> , 8,	1
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135	Continuous drylwet spinning of white, stretchable, and conductive fibers of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) and ATO@TiO2 nanoparticles for wearable e-textiles. <b>2020</b> , 8, 8362-8367	9
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117	Hierarchical NiCo-layered double hydroxide nanoscroll@PANI nanocomposite for high performance battery-type supercapacitor. <b>2020</b> , 338, 135869	40
116	Fabrication of CuCo2S4 nanosheet/carbon cloth as a flexible electrode for high-performance electro-catalysis. <b>2020</b> , 264, 127328	1
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113	Mesoporous perovskite of interlocked nickel titanate nanoparticles for efficient electrochemical supercapacitor electrode. <b>2020</b> , 833, 155134	16
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