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Co₃O₄ Nanowire@MnO₂ ultrathin nanosheet core/shell arrays: a new class of high-performance pseudocapacitive materials

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#	Paper	IF	Citations
1215	Mesoporous manganese oxide nanowires for high-capacity, high-rate, hybrid electrical energy storage. 2011 , 5, 8275-87		150
1214	CNT/Ni hybrid nanostructured arrays: synthesis and application as high-performance electrode materials for pseudocapacitors. 2011 , 4, 5000		116
1213	Hybrid structure of cobalt monoxide nanowire @ nickel hydroxidenitrate nanoflake aligned on nickel foam for high-rate supercapacitor. 2011 , 4, 4496		365
1212	Mn ²⁺ -bonded reduced graphene oxide with strong radiative recombination in broad visible range caused by resonant energy transfer. 2011 , 11, 3951-6		77
1211	Self-stacked Co ₃ O ₄ nanosheets for high-performance lithium ion batteries. 2011 , 47, 12280-2		113
1210	A general strategy toward graphene@metal oxide core-shell nanostructures for high-performance lithium storage. 2011 , 4, 4954		241
1209	Single-crystalline Ni(OH) ₂ and NiO nanoplatelet arrays as supercapacitor electrodes. 2011 , 3, 5103		259
1208	Multishelled Co ₃ O ₄ -Fe ₃ O ₄ hollow spheres with even magnetic phase distribution: Synthesis, magnetic properties and their application in water treatment. 2011 , 21, 17680		63
1207	Large-scale Co ₃ O ₄ nanoparticles growing on nickel sheets via a one-step strategy and their ultra-highly reversible redox reaction toward supercapacitors. 2011 , 21, 18183		80
1206	Binder-free manganese oxide/carbon nanomaterials thin film electrode for supercapacitors. 2011 , 3, 4185-9		33
1205	Supercapacitors: Smart to the core. 2011 ,		
1204	2D sandwich-like sheets of iron oxide grown on graphene as high energy anode material for supercapacitors. <i>Advanced Materials</i> , 2011 , 23, 5574-80	24	489
1203	Graphene Composite Materials for Supercapacitor Electrodes. 2012 , 1407, 118		1
1202	Substrate dependent self-organization of mesoporous cobalt oxide nanowires with remarkable pseudocapacitance. 2012 , 12, 2559-67		702
1201	Co ²⁺ -Cobalt sulfide nanoparticles decorated graphene composite electrodes for high capacity and power supercapacitors. 2012 , 4, 7810-6		132
1200	A Sol-Gel Process for the Synthesis of NiCo ₂ O ₄ Having Improved Specific Capacitance and Cycle Stability for Electrochemical Capacitors. 2012 , 159, A1262-A1266		47
1199	Dynamic and galvanic stability of stretchable supercapacitors. 2012 , 12, 6366-71		165

1198	Hollow core-shell nanostructure supercapacitor electrodes: gap matters. 2012 , 5, 9085	169
1197	Porous nanocubic Mn ₃ O ₄ -Co ₃ O ₄ composites and their application as electrochemical supercapacitors. 2012 , 41, 10175-81	80
1196	Branched nanowires: Synthesis and energy applications. 2012 , 7, 327-343	276
1195	Preparation and electrochemical performances of doughnut-like Ni(OH) ₂ /Co(OH) ₂ composites as pseudocapacitor materials. 2012 , 4, 4498-503	163
1194	Layered H ₂ Ti ₆ O ₁₃ -Nanowires: A New Promising Pseudocapacitive Material in Non-Aqueous Electrolyte. 2012 , 22, 5185-5193	201
1193	Porous Co ₃ O ₄ nanowires derived from long Co(CO ₃)(0.5)(OH)·1.1H ₂ O nanowires with improved supercapacitive properties. 2012 , 4, 2145-9	218
1192	Oxidation-etching preparation of MnO ₂ tubular nanostructures for high-performance supercapacitors. 2012 , 4, 2769-74	129
1191	Self-assembly of well-ordered whisker-like manganese oxide arrays on carbon fiber paper and its application as electrode material for supercapacitors. 2012 , 22, 8634	231
1190	Shape evolution and applications in water purification: the case of CVD-grown Zn ₂ SiO ₄ straw-bundles. 2012 , 22, 5330	29
1189	Facile Synthesis of Large-Area Hierarchical Bismuth Molybdate Nanowires for Supercapacitor Applications. 2012 , 159, D582-D586	34
1188	Rational synthesis of MnO ₂ /conducting polypyrrole@carbon nanofiber triaxial nano-cables for high-performance supercapacitors. 2012 , 22, 16943	177
1187	Integrated photoelectrochemical energy storage: solar hydrogen generation and supercapacitor. 2012 , 2, 981	75
1186	Fiber-based all-solid-state flexible supercapacitors for self-powered systems. 2012 , 6, 9200-6	554
1185	Porous Hydroxide Nanosheets on Preformed Nanowires by Electrodeposition: Branched Nanoarrays for Electrochemical Energy Storage. 2012 , 24, 3793-3799	192
1184	Mesoporous Co ₃ O ₄ materials obtained from cobalt citrate complex and their high capacitance behavior. 2012 , 217, 358-363	33
1183	Free-standing and porous hierarchical nanoarchitectures constructed with cobalt cobaltite nanowalls for supercapacitors with high specific capacitances. 2012 , 219, 140-146	82
1182	Recent advances in metal oxide-based electrode architecture design for electrochemical energy storage. <i>Advanced Materials</i> , 2012 , 24, 5166-80	24 2029
1181	Facile shape control of Co ₃ O ₄ and the effect of the crystal plane on electrochemical performance. <i>Advanced Materials</i> , 2012 , 24, 5762-6	24 336

1180	Mixed Ni/Cu-oxide nanowire array on conductive substrate and its application as enzyme-free glucose sensor. 2012 , 4, 4003	39
1179	Engineering empty space between Si nanoparticles for lithium-ion battery anodes. 2012 , 12, 904-9	602
1178	A general strategy to superstructured networks and nested self-similar networks of bismuth compounds. 2012 , 6, 8746-52	54
1177	High-quality metal oxide core/shell nanowire arrays on conductive substrates for electrochemical energy storage. 2012 , 6, 5531-8	897
1176	Development of redox deposition of birnessite-type MnO ₂ on activated carbon as high-performance electrode for hybrid supercapacitors. 2012 , 137, 290-296	58
1175	A sol-gel process for fabrication of NiO/NiCo ₂ O ₄ /Co ₃ O ₄ composite with improved electrochemical behavior for electrochemical capacitors. 2012 , 4, 4631-6	182
1174	Well-dispersed bi-component-active CoO/CoFe ₂ O ₄ nanocomposites with tunable performances as anode materials for lithium-ion batteries. 2012 , 48, 410-2	137
1173	Topotactically synthesized ultralong LiV ₃ O ₈ nanowire cathode materials for high-rate and long-life rechargeable lithium batteries. 2012 , 4, e20-e20	84
1172	Aligned nickel-cobalt hydroxide nanorod arrays for electrochemical pseudocapacitor applications. 2012 , 2, 3190	125
1171	Three-dimensional tubular arrays of MnO ₂ /NiO nanoflakes with high areal pseudocapacitance. 2012 , 22, 2419-2426	382
1170	Design and synthesis of MnO ₂ /Mn/MnO ₂ sandwich-structured nanotube arrays with high supercapacitive performance for electrochemical energy storage. 2012 , 12, 3803-7	381
1169	Crystallization design of MnO ₂ towards better supercapacitance. 2012 , 14, 5892	165
1168	A facile approach toward transition metal oxide hierarchical structures and their lithium storage properties. 2012 , 4, 3718-24	53
1167	MnO ₂ /onion-like carbon nanocomposites for pseudocapacitors. 2012 , 22, 17584	82
1166	Graphene metal oxide composite supercapacitor electrodes. 2012 , 30, 03D118	25
1165	CoO octahedral nanocages for high-performance lithium ion batteries. 2012 , 48, 4878-80	119
1164	Binary metal hydroxide nanorods and multi-walled carbon nanotube composites for electrochemical energy storage applications. 2012 , 22, 21630	71
1163	Layer-by-layer engineered Co-Al hydroxide nanosheets/graphene multilayer films as flexible electrode for supercapacitor. 2012 , 28, 293-8	177

1162	Enhanced Electrical, Optical, and Magnetic Properties in Multifunctional ZnO/Fe ₂ O ₃ Semiconductor Nanoheterostructures by Heterojunction Engineering. 2012 , 116, 23540-23546	50
1161	Hierarchical Co ₃ O ₄ @Ni-Co-O supercapacitor electrodes with ultrahigh specific capacitance per area. 2012 , 5, 369-378	136
1160	A novel evolution strategy to fabricate a 3D hierarchical interconnected core-shell Ni/MnO ₂ hybrid for Li-ion batteries. 2012 , 48, 7471-3	36
1159	Single-crystalline NiCo ₂ O ₄ nanoneedle arrays grown on conductive substrates as binder-free electrodes for high-performance supercapacitors. 2012 , 5, 9453	709
1158	Hierarchical three-dimensional ZnCo ₂ O ₄ nanowire arrays/carbon cloth anodes for a novel class of high-performance flexible lithium-ion batteries. 2012 , 12, 3005-11	898
1157	N-Doped Graphene-SnO ₂ Sandwich Paper for High-Performance Lithium-Ion Batteries. 2012 , 22, 2682-2690	479
1156	3D Hierarchical Co ₃ O ₄ Twin-Spheres with an Urchin-Like Structure: Large-Scale Synthesis, Multistep-Splitting Growth, and Electrochemical Pseudocapacitors. 2012 , 22, 4052-4059	273
1155	Interfacial Reaction-Directed Synthesis of Ce/Mn Binary Oxide Nanotubes and Their Applications in CO Oxidation and Water Treatment. 2012 , 22, 3914-3920	99
1154	Nanoporous walls on macroporous foam: rational design of electrodes to push areal pseudocapacitance. <i>Advanced Materials</i> , 2012 , 24, 4186-90	24 222
1153	Mesoporous carbon incorporated metal oxide nanomaterials as supercapacitor electrodes. <i>Advanced Materials</i> , 2012 , 24, 4197-202	24 501
1152	Core/Shell Structure of Polypyrrole Grown on V ₂ O ₅ Nanoribbon as High Performance Anode Material for Supercapacitors. 2012 , 2, 950-955	434
1151	On the configuration of supercapacitors for maximizing electrochemical performance. 2012 , 5, 818-41	359
1150	Highly conductive electrospun carbon nanofiber/MnO ₂ coaxial nano-cables for high energy and power density supercapacitors. 2012 , 208, 345-353	223
1149	WO ₃ @Au@MnO ₂ core/shell nanowires on carbon fabric for high-performance flexible supercapacitors. <i>Advanced Materials</i> , 2012 , 24, 938-44	24 592
1148	Carbon fiber paper supported hybrid nanonet/nanoflower nickel oxide electrodes for high-performance pseudo-capacitors. 2013 , 1, 7709	64
1147	Controllable synthesis of Co ₃ O ₄ nanostructures with good cycling performance and rate capacity in lithium-ion batteries. 2013 , 15, 1	8
1146	A high-performance asymmetric supercapacitor based on carbon and carbon/MnO ₂ nanofiber electrodes. 2013 , 61, 190-199	264
1145	Carbon nanotube sponges as conductive networks for supercapacitor devices. 2013 , 2, 1025-1030	54

1144	Nickel foam supported mesoporous MnO ₂ nanosheet arrays with superior lithium storage performance. 2013 , 49, 8459-61	94
1143	Redox additive/active electrolytes: a novel approach to enhance the performance of supercapacitors. 2013 , 1, 12386	241
1142	Platelet CMK-5 as an excellent mesoporous carbon to enhance the pseudocapacitance of polyaniline. 2013 , 5, 7501-8	47
1141	Ni(OH) ₂ nanosheet @ Fe ₂ O ₃ nanowire hybrid composite arrays for high-performance supercapacitor electrodes. 2013 , 2, 754-763	148
1140	Nanoforest of hierarchical Co ₃ O ₄ @NiCo ₂ O ₄ nanowire arrays for high-performance supercapacitors. 2013 , 2, 586-594	254
1139	Rapid microwave synthesis of MnO ₂ microspheres and their electrochemical property. 2013 , 24, 2189-2196	12
1138	The Research of Mn Modified Carbon Sphere Supported Pt Catalyst Material for Direct Methanol Fuel Cell. 2013 , 648, 63-66	
1137	One-Step Fabrication of Ultrathin Porous Nickel Hydroxide-Manganese Dioxide Hybrid Nanosheets for Supercapacitor Electrodes with Excellent Capacitive Performance. 2013 , 3, 1636-1646	304
1136	Solid-state high performance flexible supercapacitors based on polypyrrole-MnO ₂ -carbon fiber hybrid structure. 2013 , 3, 2286	238
1135	A three-dimensional hierarchical Fe ₂ O ₃ @NiO core/shell nanorod array on carbon cloth: a new class of anode for high-performance lithium-ion batteries. 2013 , 5, 7906-12	131
1134	Diffusion-controlled evolution of core-shell nanowire arrays into integrated hybrid nanotube arrays for Li-ion batteries. 2013 , 5, 8105-13	50
1133	Ni(OH) ₂ /CoO/reduced graphene oxide composites with excellent electrochemical properties. 2013 , 1, 478-481	66
1132	An ultraviolet photodetector fabricated from WO ₃ nanodiscs/reduced graphene oxide composite material. 2013 , 24, 295701	68
1131	High-performance supercapacitor and lithium-ion battery based on 3D hierarchical NH ₄ F-induced nickel cobaltate nanosheet-nanowire cluster arrays as self-supported electrodes. 2013 , 5, 9812-20	218
1130	High-performance flexible supercapacitor electrodes based on Te nanowire arrays. 2013 , 1, 10024	32
1129	A carbon modified MnO ₂ nanosheet array as a stable high-capacitance supercapacitor electrode. 2013 , 1, 9809	131
1128	Enhanced supercapacitor performance of Mn ₃ O ₄ nanocrystals by doping transition-metal ions. 2013 , 5, 9508-16	177
1127	Design and synthesis of CoMoO ₄ /NiMoO ₄ ·xH ₂ O bundles with improved electrochemical properties for supercapacitors. 2013 , 1, 1380-1387	284

1126	NiMoO ₄ nanowires supported on Ni foam as novel advanced electrodes for supercapacitors. 2013 , 1, 9024	163
1125	Hierarchical NiCo ₂ O ₄ @NiCo ₂ O ₄ core/shell nanoflake arrays as high-performance supercapacitor materials. 2013 , 5, 8790-5	436
1124	Graphene anchored with ZnFe ₂ O ₄ nanoparticles as a high-capacity anode material for lithium-ion batteries. 2013 , 17, 67-71	100
1123	Structural and electronic characterization of Co nanostructures on Au(332). 2013 , 617, 87-93	3
1122	Hybrid composite Ni(OH) ₂ @NiCo ₂ O ₄ grown on carbon fiber paper for high-performance supercapacitors. 2013 , 5, 11159-62	162
1121	Carbon-supported Ni@NiO/Al ₂ O ₃ integrated nanocomposite derived from layered double hydroxide precursor as cycling-stable anode materials for lithium-ion batteries. 2013 , 108, 429-434	34
1120	Enhanced electrochemical performance of MWNT@MnO ₂ composites in polymerized ionic liquids. 2013 , 15, 18987-91	0
1119	Morphology-controlled fabrication of hierarchical mesoporous NiCo ₂ O ₄ micro-/nanostructures and their intriguing application in electrochemical capacitors. 2013 , 3, 23709	19
1118	In situ shape and phase transformation synthesis of Co ₃ S ₄ nanosheet arrays for high-performance electrochemical supercapacitors. 2013 , 3, 22922	60
1117	Flexible solid-state symmetric supercapacitors based on MnO ₂ nanofilms with high rate capability and long cyclability. 2013 , 3, 082129	22
1116	Porous MnO ₂ hollow spheres constructed by nanosheets and their application in electrochemical capacitors. 2013 , 111, 75-77	28
1115	Controllable synthesis of 3D NiCo ₂ O ₄ nanowires with different morphologies for high-capacity supercapacitors. 2013 , 1, 13290	101
1114	Nanoscroll buffered hybrid nanostructural VO ₂ (B) cathodes for high-rate and long-life lithium storage. <i>Advanced Materials</i> , 2013 , 25, 2969-73	24 186
1113	Metal oxide and hydroxide nanoarrays: Hydrothermal synthesis and applications as supercapacitors and nanocatalysts. 2013 , 23, 351-366	145
1112	Preparation and electrochemical performances of nanostructured Co _x Ni _{1-x} (OH) ₂ composites for supercapacitors. 2013 , 240, 338-343	47
1111	Two-dimensional vanadyl phosphate ultrathin nanosheets for high energy density and flexible pseudocapacitors. 2013 , 4, 2431	304
1110	Hierarchical TiO ₂ nanobelts@MnO ₂ ultrathin nanoflakes core-shell array electrode materials for supercapacitors. 2013 , 3, 14413	90
1109	Nano-aggregates of cobalt nickel oxysulfide as a high-performance electrode material for supercapacitors. 2013 , 5, 11615-9	55

1108	Nature of the band gap and origin of the electro-/photo-activity of Co ₃ O ₄ . 2013 , 1, 4628		127
1107	Freestanding mesoporous VN/CNT hybrid electrodes for flexible all-solid-state supercapacitors. <i>Advanced Materials</i> , 2013 , 25, 5091-7	24	369
1106	New energy storage option: toward ZnCo ₂ O ₄ nanorods/nickel foam architectures for high-performance supercapacitors. 2013 , 5, 10011-7		310
1105	Two-step electrodeposition construction of flower-on-sheet hierarchical cobalt hydroxide nano-forest for high-capacitance supercapacitors. 2013 , 42, 15706-15		26
1104	Synthesis of polycrystalline cobalt selenide nanotubes and their catalytic and capacitive behaviors. 2013 , 15, 5928		65
1103	PH-driven dissolution-precipitation: a novel route toward ultrathin Ni(OH) ₂ nanosheets array on nickel foam as binder-free anode for Li-ion batteries with ultrahigh capacity. 2013 , 15, 8300		42
1102	Synthesis of core-shell heterostructured Cu/Cu ₂ O nanowires monitored by in situ XRD as efficient visible-light photocatalysts. 2013 , 1, 13862		60
1101	Facile synthesis of Ni-coated Ni ₂ P for supercapacitor applications. 2013 , 15, 7071		95
1100	Electrochemical investigation of free-standing polypyrrole-silver nanocomposite films: a substrate free electrode material for supercapacitors. 2013 , 3, 24567		47
1099	Hierarchically structured Co ₃ O ₄ @Pt@MnO ₂ nanowire arrays for high-performance supercapacitors. 2013 , 3, 2978		212
1098	Facile preparation of transition metal oxide-metal composites with unique nanostructures and their electrochemical performance as energy storage material. 2013 , 1, 14246		15
1097	Effect of temperature on the pseudo-capacitive behavior of freestanding MnO ₂ @carbon nanofibers composites electrodes in mild electrolyte. 2013 , 224, 86-92		153
1096	Porous Co ₃ O ₄ /NiO core/shell nanowire array with enhanced catalytic activity for methanol electro-oxidation. 2013 , 224, 1-5		160
1095	Self-limiting electrodeposition of hierarchical MnO ₂ and M(OH) ₂ /MnO ₂ nanofibril/nanowires: mechanism and supercapacitor properties. 2013 , 7, 1200-14		237
1094	High Performance Hybrid Supercapacitor Based on Graphene-Supported Ni(OH) ₂ -Nanowires and Ordered Mesoporous Carbon CMK-5. 2013 , 160, A98-A104		65
1093	Facile synthesis of NiCo ₂ O ₄ nanorod arrays on Cu conductive substrates as superior anode materials for high-rate Li-ion batteries. 2013 , 15, 1578		123
1092	A reduced graphene oxide/Co ₃ O ₄ composite for supercapacitor electrode. 2013 , 226, 65-70		397
1091	Supercapacitor electrode with an ultrahigh Co ₃ O ₄ loading for a high areal capacitance. 2013 , 110, 237-240		39

1090	Growth of nickel phosphide films as anodes for lithium-ion batteries: Based on a novel method for synthesis of nickel films using ionic liquids. 2013 , 112, 212-220	23
1089	Superior performance asymmetric supercapacitors based on a directly grown commercial mass 3D Co ₃ O ₄ @Ni(OH) ₂ core-shell electrode. 2013 , 5, 10574-82	182
1088	Direct growth of mesoporous MnO ₂ nanosheet arrays on nickel foam current collectors for high-performance pseudocapacitors. 2013 , 243, 676-681	119
1087	A simple route for organic covalent grafting onto zirconium carbide particles. 2013 , 287, 411-414	10
1086	Hierarchical heterostructures of MnO ₂ nanosheets or nanorods grown on Au-coated Co ₃ O ₄ nanoporous nanowalls for high-performance pseudocapacitance. 2013 , 5, 2901-8	102
1085	Enhanced Supercapacitor Performance of MnO ₂ by Atomic Doping. 2013 , 125, 1708-1711	67
1084	Hydrogenated ZnO core-shell nanocables for flexible supercapacitors and self-powered systems. 2013 , 7, 2617-26	724
1083	Flexible, planar-integrated, all-solid-state fiber supercapacitors with an enhanced distributed-capacitance effect. 2013 , 9, 1998-2004	122
1082	Ultrathin nanoporous Fe ₃ O ₄ /carbon nanosheets with enhanced supercapacitor performance. 2013 , 1, 1952	149
1081	Cucumber-like V ₂ O ₅ /poly(3,4-ethylenedioxythiophene)&MnO ₂ nanowires with enhanced electrochemical cyclability. 2013 , 13, 740-5	182
1080	High responsivity, fast ultraviolet photodetector fabricated from ZnO nanoparticle-graphene core-shell structures. 2013 , 5, 3664-7	131
1079	Facile synthesis of nitrogen-doped graphene-ultrathin MnO ₂ sheet composites and their electrochemical performances. 2013 , 5, 3317-22	160
1078	Polypyrrole-coated paper for flexible solid-state energy storage. 2013 , 6, 470	517
1077	Enhanced supercapacitor performance of MnO ₂ by atomic doping. 2013 , 52, 1664-7	204
1076	Three-dimensional ZnO@MnO ₂ core@shell nanostructures for electrochemical energy storage. 2013 , 49, 4456-8	106
1075	Hydrothermal synthetic strategies of inorganic semiconducting nanostructures. 2013 , 42, 5714-43	364
1074	General solution growth of mesoporous NiCo ₂ O ₄ nanosheets on various conductive substrates as high-performance electrodes for supercapacitors. <i>Advanced Materials</i> , 2013 , 25, 976-9	24 884
1073	Fabrication of metal oxide nanobranches on atomic-layer-deposited TiO ₂ nanotube arrays and their application in energy storage. 2013 , 5, 6040-7	77

1072	Controlled growth of NiCo ₂ O ₄ nanorods and ultrathin nanosheets on carbon nanofibers for high-performance supercapacitors. 2013 , 3, 1470		393
1071	High-performance energy-storage devices based on WO ₃ nanowire arrays/carbon cloth integrated electrodes. 2013 , 1, 7167		172
1070	Highly ordered MnO ₂ nanopillars for enhanced supercapacitor performance. <i>Advanced Materials</i> , 2013 , 25, 3302-6	24	401
1069	Design, hydrothermal synthesis and electrochemical properties of porous birnessite-type manganese dioxide nanosheets on graphene as a hybrid material for supercapacitors. 2013 , 242, 78-85		88
1068	Hierarchical Fe ₂ O ₃ @Co ₃ O ₄ nanowire array anode for high-performance lithium-ion batteries. 2013 , 240, 344-350		83
1067	Synthesis of bacteria promoted reduced graphene oxide-nickel sulfide networks for advanced supercapacitors. 2013 , 5, 7335-40		119
1066	Chelating agent- and surfactant-assisted synthesis of manganese oxide/carbon nanotube composite for electrochemical capacitors. 2013 , 48, 1204-1212		29
1065	Facile synthesis and excellent electrochemical properties of CoMoO ₄ nanoplate arrays as supercapacitors. 2013 , 1, 7247		208
1064	Three-dimensional hierarchical GeSe ₂ nanostructures for high performance flexible all-solid-state supercapacitors. <i>Advanced Materials</i> , 2013 , 25, 1479-86	24	209
1063	Effect of Redox Reaction Products on the Luminescence Switching Behavior in CePO ₄ :Tb Nanorods. 2013 , 117, 10031-10038		25
1062	A facile preparation of NiO/Ni composites as high-performance pseudocapacitor materials. 2013 , 3, 8003		51
1061	NiCo oxides nanowire arrays grown on ordered TiO ₂ nanotubes with high performance in supercapacitors. 2013 , 1, 594-601		99
1060	Manganese oxide micro-supercapacitors with ultra-high areal capacitance. 2013 , 5, 4119-22		95
1059	Ordered mesoporous nickel cobaltite spinel with ultra-high supercapacitance. 2013 , 1, 2331		87
1058	Synthesis of porous NiO using NaBH ₄ dissolved in ethylene glycol as precipitant for high-performance supercapacitor. 2013 , 107, 9-15		50
1057	Hierarchical Mo-decorated Co ₃ O ₄ nanowire arrays on Ni foam substrates for advanced electrochemical capacitors. 2013 , 1, 8593		79
1056	Facile microstructure control of mesoporous Co _{1.29} Ni _{1.71} O ₄ and the effect of the microstructure on lithium-storage performance. 2013 , 19, 10193-200		26
1055	Growing nickel cobaltite nanowires and nanosheets on carbon cloth with different pseudocapacitive performance. 2013 , 5, 6255-60		119

1054	Sonochemical synthesis of manganese (II) hydroxide for supercapacitor applications. 2013 , 48, 3357-3361	32
1053	CoMn-layered double hydroxide nanowalls supported on carbon fibers for high-performance flexible energy storage devices. 2013 , 1, 8836	178
1052	Recent progress in supercapacitors: from materials design to system construction. <i>Advanced Materials</i> , 2013 , 25, 5336-42	24 485
1051	Self-assembling hybrid NiO/Co ₃ O ₄ ultrathin and mesoporous nanosheets into flower-like architectures for pseudocapacitance. 2013 , 1, 9107	91
1050	Construction of high-capacitance 3D CoO@polypyrrole nanowire array electrode for aqueous asymmetric supercapacitor. 2013 , 13, 2078-85	1122
1049	Hierarchical NiCo ₂ O ₄ @MnO ₂ core-shell heterostructured nanowire arrays on Ni foam as high-performance supercapacitor electrodes. 2013 , 49, 137-9	581
1048	Porous Co ₃ O ₄ nanorods-reduced graphene oxide with intrinsic peroxidase-like activity and catalysis in the degradation of methylene blue. 2013 , 5, 3809-15	94
1047	One-step synthesis of Ni ₃ S ₂ nanorod@Ni(OH) ₂ nanosheet core-shell nanostructures on a three-dimensional graphene network for high-performance supercapacitors. 2013 , 6, 2216-2221	503
1046	Hierarchically structured MnO ₂ nanowires supported on hollow Ni dendrites for high-performance supercapacitors. 2013 , 5, 4379-87	100
1045	Nickel-cobalt hydroxide nanosheets coated on NiCo ₂ O ₄ nanowires grown on carbon fiber paper for high-performance pseudocapacitors. 2013 , 13, 3135-9	888
1044	Pore-controlled synthesis of Mn ₂ O ₃ microspheres for ultralong-life lithium storage electrode. 2013 , 3, 1947-1952	67
1043	Synergistic effect of hierarchical nanostructured MoO ₂ /Co(OH) ₂ with largely enhanced pseudocapacitor cyclability. 2013 , 13, 5685-91	171
1042	H-TiO ₂ @MnO ₂ //H-TiO ₂ @C core-shell nanowires for high performance and flexible asymmetric supercapacitors. <i>Advanced Materials</i> , 2013 , 25, 267-72	24 828
1041	Tunnel-dependent supercapacitance of MnO ₂ : effects of crystal structure. 2013 , 46, 1128-1135	57
1040	Flexible CoAl LDH@PEDOT core/shell nanoplatelet array for high-performance energy storage. 2013 , 9, 98-106	191
1039	Large-Scale Fabrication of Three-Dimensional Surface Patterns Using Template-Defined Electrochemical Deposition. 2013 , 23, 720-730	65
1038	Semiconductor Nanowires and Nanowire Heterostructures for Supercapacitors. 2013 ,	
1037	Ultrathin amorphous manganese dioxide nanosheets synthesized with controllable width. 2013 , 49, 7331-3	27

1036	Exploring the Energy Storage Mechanism of High Performance MnO ₂ Electrochemical Capacitor Electrodes: An In Situ Atomic Force Microscopy Study in Aqueous Electrolyte. 2013 , 23, n/a-n/a	9
1035	Hierarchically nanostructured materials for sustainable environmental applications. 2013 , 1, 18	55
1034	Freestanding MoO ₃ /nanobelt/carbon nanotube films for Li-ion intercalation pseudocapacitors. 2014 , 9, 355-363	125
1033	Sandwich-Nanostructured NiO/ZnO Nanowires@Fe ₂ O ₃ Film Photoanode with a Synergistic Effect and p-n Junction for Efficient Photoelectrochemical Water Splitting. 2014 , 1, 2089-2097	19
1032	Preparation Method of Co ₃ O ₄ Nanoparticles Using Degreasing Cotton and Their Electrochemical Performances in Supercapacitors. 2014 , 2014, 1-9	4
1031	Metastable amorphous chromium-vanadium oxide nanoparticles with superior performance as a new lithium battery cathode. 2014 , 7, 1604-1612	16
1030	Electrochemically controlled growth of Au-Pt alloy nanowires and nanodendrites. 2014 , 9, 2612-20	3
1029	Seaurchin-like hierarchical NiCo ₂ O ₄ @NiMoO ₄ core-shell nanomaterials for high performance supercapacitors. 2014 , 16, 23451-60	86
1028	CoNi(2)S(4) nanosheet arrays supported on nickel foams with ultrahigh capacitance for aqueous asymmetric supercapacitor applications. 2014 , 6, 19318-26	389
1027	Transition metal oxides/hydroxides nanoarrays for aqueous electrochemical energy storage systems. 2014 , 57, 59-69	40
1026	Facile synthesis of CoAl-LDH/MnO ₂ hierarchical nanocomposites for high-performance supercapacitors. 2014 , 40, 2115-2120	39
1025	Enhanced supercapacitor performance using hierarchical TiO ₂ nanorod/Co(OH) ₂ nanowall array electrodes. 2014 , 136, 105-111	39
1024	Hierarchical Fe ₃ O ₄ @Co ₃ O ₄ core-shell microspheres: Preparation and acetone sensing properties. 2014 , 199, 346-353	84
1023	Co ₃ O ₄ @layered double hydroxide core/shell hierarchical nanowire arrays for enhanced supercapacitance performance. 2014 , 7, 134-142	157
1022	Synthesis of porous Co ₃ O ₄ nanoflake array and its temperature behavior as pseudo-capacitor electrode. 2014 , 256, 200-205	85
1021	Super-Long Life Supercapacitors Based on the Construction of Ni foam/graphene/Co ₃ S ₄ Composite film hybrid electrodes. 2014 , 132, 180-185	77
1020	High-performance asymmetric supercapacitors based on core/shell cobalt oxide/carbon nanowire arrays with enhanced electrochemical energy storage. 2014 , 133, 522-528	36
1019	Atomic-layer-deposition-assisted formation of carbon nanoflakes on metal oxides and energy storage application. 2014 , 10, 300-7	56

1018	Electrochemical capacitance of porous NiO/FeO ₂ binary oxide synthesized via sol-gel technique for supercapacitor. 2014 , 20, 409-420		58
1017	Hierarchical nanowires for high-performance electrochemical energy storage. 2014 , 9, 303-322		16
1016	A General Method to Grow Porous Fe ₂ O ₃ Nanosheets on Substrates as Integrated Electrodes for Lithium-Ion Batteries. 2014 , 1, 1400050		71
1015	Solution synthesis of metal oxides for electrochemical energy storage applications. 2014 , 6, 5008-48		321
1014	One-dimensional ZnO/Mn ₃ O ₄ core/shell nanorod and nanotube arrays with high supercapacitive performance for electrochemical energy storage. 2014 , 4, 17274-17281		42
1013	Facile fabrication and perfect cycle stability of 3D NiO@CoMoO ₄ nanocomposite on Ni foam for supercapacitors. 2014 , 4, 17884		45
1012	Top-down fabrication of three-dimensional porous V ₂ O ₅ hierarchical microplates with tunable porosity for improved lithium battery performance. 2014 , 2, 3297-3302		72
1011	High-performance supercapacitor electrodes based on hierarchical Ti@MnO(2) nanowire arrays. 2014 , 50, 2876-8		55
1010	Hierarchical mesoporous NiCo ₂ O ₄ @MnO ₂ core-shell nanowire arrays on nickel foam for aqueous asymmetric supercapacitors. 2014 , 2, 4795		315
1009	Recent advances in flexible and stretchable electronic devices via electrospinning. 2014 , 2, 1209-1219		127
1008	Carbon/MnO(2) double-walled nanotube arrays with fast ion and electron transmission for high-performance supercapacitors. 2014 , 6, 2726-33		97
1007	Direct Growth of Flower-Like MnO ₂ on Three-Dimensional Graphene for High-Performance Rechargeable Li-O ₂ Batteries. 2014 , 4, 1301960		139
1006	Enhanced performance of supercapacitors with ultrathin mesoporous NiMoO ₄ nanosheets. 2014 , 125, 294-301		99
1005	Design hierarchical electrodes with highly conductive NiCo ₂ S ₄ nanotube arrays grown on carbon fiber paper for high-performance pseudocapacitors. 2014 , 14, 831-8		915
1004	Super long-life supercapacitors based on the construction of nanohoneycomb-like strongly coupled CoMoO(4)-3D graphene hybrid electrodes. <i>Advanced Materials</i> , 2014 , 26, 1044-51	24	574
1003	Hierarchical NiMn Layered Double Hydroxide/Carbon Nanotubes Architecture with Superb Energy Density for Flexible Supercapacitors. 2014 , 24, 2938-2946		532
1002	Core-shell CuCo ₂ O ₄ @MnO ₂ Nanowires on Carbon Fabrics as High-Performance Materials for Flexible, All-Solid-State, Electrochemical Capacitors. 2014 , 1, 559-564		128
1001	Energy storing electrical cables: integrating energy storage and electrical conduction. <i>Advanced Materials</i> , 2014 , 26, 4279-85	24	186

1000	Flexible solid-state supercapacitors: design, fabrication and applications. 2014 , 7, 2160		985
999	Recent Advances in Design and Fabrication of Electrochemical Supercapacitors with High Energy Densities. 2014 , 4, 1300816		1364
998	Facile synthesis of spike-piece-structured Ni(OH) ₂ /interlayer nanoplates on nickel foam as advanced pseudocapacitive materials for energy storage. 2014 , 6, 5168-74		55
997	Facile synthesis of hierarchical Co ₃ O ₄ @MnO ₂ core-shell arrays on Ni foam for asymmetric supercapacitors. 2014 , 252, 98-106		307
996	Synthesis and characterization of M ₃ V ₂ O ₈ (M = Ni or Co) based nanostructures: a new family of high performance pseudocapacitive materials. 2014 , 2, 4919		133
995	Three-dimensional hierarchical Co ₃ O ₄ /CuO nanowire heterostructure arrays on nickel foam for high-performance lithium ion batteries. 2014 , 6, 19-26		206
994	Mechanistic investigation of the charge storage process of pseudocapacitive Fe ₃ O ₄ nanorod film. 2014 , 120, 52-56		58
993	Flexible supercapacitor made of carbon nanotube yarn with internal pores. <i>Advanced Materials</i> , 2014 , 26, 2059-65	24	303
992	Controlled synthesis of Co ₃ O ₄ and Co ₃ O ₄ @MnO ₂ nanoarchitectures and their electrochemical capacitor application. 2014 , 611, 171-178		39
991	Ultrahigh hydrogen evolution performance of under-water "superhydrophobic" MoS ₂ nanostructured electrodes. <i>Advanced Materials</i> , 2014 , 26, 2683-7, 2615	24	604
990	Three-dimensional metal/oxide nanocone arrays for high-performance electrochemical pseudocapacitors. 2014 , 6, 3626-31		50
989	Supercapacitors with high capacitance based on reduced graphene oxide/carbon nanotubes/NiO composite electrodes. 2014 , 2, 3834-3840		110
988	Hierarchical NiCo ₂ O ₄ @NiO core-shell hetero-structured nanowire arrays on carbon cloth for a high-performance flexible all-solid-state electrochemical capacitor. 2014 , 2, 1448-1457		134
987	Three-Dimensional Structural Engineering for Energy-Storage Devices: From Microscope to Macroscopic. 2014 , 1, 975-1002		45
986	Three-Dimensional Co ₃ O ₄ @MnO ₂ Hierarchical Nanoneedle Arrays: Morphology Control and Electrochemical Energy Storage. 2014 , 24, 3815-3826		338
985	Facile fabrication and electrochemical performance of flower-like Fe ₃ O ₄ @C@layered double hydroxide (LDH) composite. 2014 , 2, 8758-8765		56
984	Memristor-integrated voltage-stabilizing supercapacitor system. <i>Advanced Materials</i> , 2014 , 26, 4999-5004	24	25
983	Design and synthesis of 3D Co ₃ O ₄ @MMoO ₄ (M=Ni, Co) nanocomposites as high-performance supercapacitor electrodes. 2014 , 130, 660-669		94

982	NiCo sulfide nanowires on nickel foam with ultrahigh capacitance for asymmetric supercapacitors. 2014 , 2, 6540-6548	360
981	Rational synthesis of three-dimensional porous ZnCo ₂ O ₄ film with nanowire walls via simple hydrothermal method. 2014 , 115, 208-211	23
980	Ternary core/shell structure of Co ₃ O ₄ /NiO/C nanowire arrays as high-performance anode material for Li-ion battery. 2014 , 248, 115-121	51
979	High Rate Capability and Long Cycle Stability of Co ₃ O ₄ /CoFe ₂ O ₄ Nanocomposite as an Anode Material for High-Performance Secondary Lithium Ion Batteries. 2014 , 118, 11234-11243	94
978	Highly conductive three-dimensional MnO ₂ -carbon nanotube-graphene-Ni hybrid foam as a binder-free supercapacitor electrode. 2014 , 6, 1079-85	290
977	Hierarchical mushroom-like CoNi ₂ S ₄ arrays as a novel electrode material for supercapacitors. 2014 , 3, 36-45	231
976	A comparative study of supercapacitive performances of nickel cobalt layered double hydroxides coated on ZnO nanostructured arrays on textile fibre as electrodes for wearable energy storage devices. 2014 , 6, 2434-9	44
975	Facile synthesis of ZnWO ₄ nanowall arrays on Ni foam for high performance supercapacitors. 2014 , 4, 4212-4217	38
974	Honeycomb porous MnO ₂ nanofibers assembled from radially grown nanosheets for aqueous supercapacitors with high working voltage and energy density. 2014 , 4, 39-48	104
973	3D core/shell hierarchies of MnOOH ultrathin nanosheets grown on NiO nanosheet arrays for high-performance supercapacitors. 2014 , 4, 56-64	76
972	Graphene improving lithium-ion battery performance by construction of NiCo ₂ O ₄ /graphene hybrid nanosheet arrays. 2014 , 3, 88-94	179
971	High performance porous nickel cobalt oxide nanowires for asymmetric supercapacitor. 2014 , 3, 119-126	266
970	Facile synthesis of MnO ₂ @Ag hollow microspheres with sheet-like subunits and their catalytic properties. 2014 , 16, 863-869	11
969	Inorganic nanostructured materials for high performance electrochemical supercapacitors. 2014 , 6, 2037-45	177
968	Enhanced supercapacitor performance by incorporating nickel in manganese oxide. 2014 , 4, 57192-57199	45
967	A one-step practical strategy to enhance overall supercapacitor performance. 2014 , 4, 59310-59314	12
966	Preparation of CoAl layered double hydroxide nanoflake arrays and their high supercapacitance performance. 2014 , 102, 28-32	32
965	Construction of mass-controllable mesoporous NiCo ₂ S ₄ electrodes for high performance supercapacitors. 2014 , 2, 19376-19382	73

964	SnO ₂ Nanorods on ZnO Nanofibers: A New Class of Hierarchical Nanostructures Enabled by Electrospinning as Anode Material for High-Performance Lithium-Ion Batteries. 2014 , 150, 308-313	38
963	Fabrication of graphene-encapsulated CoO/CoFe ₂ O ₄ composites derived from layered double hydroxides and their application as anode materials for lithium-ion batteries. 2014 , 49, 8031-8039	17
962	Vertically aligned ZnO nanorod core-polypyrrole conducting polymer sheath and nanotube arrays for electrochemical supercapacitor energy storage. 2014 , 9, 453	33
961	Carbon nanotube network film directly grown on carbon cloth for high-performance solid-state flexible supercapacitors. 2014 , 25, 035402	43
960	Topotactic conversion-derived Li ₄ Ti ₅ O ₁₂ /rutile TiO ₂ hybrid nanowire array for high-performance lithium ion full cells. 2014 , 4, 12950	26
959	Construction of unique NiCo ₂ O ₄ nanowire@CoMoO ₄ nanoplate core/shell arrays on Ni foam for high areal capacitance supercapacitors. 2014 , 2, 4954	122
958	Optimizing the charge transfer process by designing Co ₃ O ₄ @PPy@MnO ₂ ternary core-shell composite. 2014 , 2, 12968-12973	74
957	Electrochemical Nanowire Devices for Energy Storage. 2014 , 13, 10-15	7
956	Design and synthesis of 3D interconnected mesoporous NiCo ₂ O ₄ @Co _x Ni _{1-x} (OH) ₂ core-shell nanosheet arrays with large areal capacitance and high rate performance for supercapacitors. 2014 , 2, 10090	146
955	Porous hollow Co ₃ O ₄ with rhombic dodecahedral structures for high-performance supercapacitors. 2014 , 6, 14354-9	215
954	Synthesis of a nanowire self-assembled hierarchical ZnCo ₂ O ₄ shell/Ni current collector core as binder-free anodes for high-performance Li-ion batteries. 2014 , 2, 3741-3748	81
953	Design of polypyrrole/polyaniline double-walled nanotube arrays for electrochemical energy storage. 2014 , 6, 642-7	93
952	Graphene and its composites with nanoparticles for electrochemical energy applications. 2014 , 9, 668-683	204
951	Electrochemical characterization of Mn: Co ₃ O ₄ thin films prepared by spray pyrolysis via aqueous route. 2014 , 14, 1582-1590	26
950	A High-Performance Binary NiCo Hydroxide-based Water Oxidation Electrode with Three-Dimensional Coaxial Nanotube Array Structure. 2014 , 24, 4698-4705	313
949	Flexible symmetrical planar supercapacitors based on multi-layered MnO ₂ /Ni/graphite/paper electrodes with high-efficient electrochemical energy storage. 2014 , 2, 2985-2992	62
948	Interface chemistry engineering in electrode systems for electrochemical energy storage. 2014 , 4, 37491-37502	7
947	Worm-like amorphous MnO ₂ nanowires grown on textiles for high-performance flexible supercapacitors. 2014 , 2, 595-599	106

946	CoNiO ₂ /TiN@TiO _x Ny composites for ultrahigh electrochemical energy storage and simultaneous glucose sensing. 2014 , 2, 10904	17
945	Stepwise assembled nickel-cobalt-hydroxide hetero-accumulated nanocrystalline walls on reduced graphene oxide/nickel foams: an adjustable interface design for capacitive charge storage. 2014 , 2, 4894-4898	5
944	Paramecium-like MnO ₂ hierarchical hollow structures with enhanced electrochemical capacitance prepared by a facile dopamine carbon-source assisted shell-swelling etching method. 2014 , 2, 20729-20738	30
943	Hierarchical WO ₃ @SnO ₂ core-shell nanowire arrays on carbon cloth: a new class of anode for high-performance lithium-ion batteries. 2014 , 2, 7367-7372	77
942	Preparation and performance of MnO ₂ nanorod @ nanoflake (Ni, Co, Mn) oxides with hierarchical mesoporous structure. 2014 , 4, 42910-42916	10
941	Encapsulation of nanoscale metal oxides into an ultra-thin Ni matrix for superior Li-ion batteries: a versatile strategy. 2014 , 6, 12990-3000	18
940	Construction of 3D V ₂ O ₅ /hydrogenated-WO ₃ nanotrees on tungsten foil for high-performance pseudocapacitors. 2014 , 16, 12214-20	35
939	NiCo ₂ O ₄ nanosheet supported hierarchical core-shell arrays for high-performance supercapacitors. 2014 , 2, 6310	153
938	A 1D/2D helical CdS/ZnIn ₂ S ₄ nano-heterostructure. 2014 , 53, 2339-43	186
937	Engineering hybrid between nickel oxide and nickel cobaltate to achieve exceptionally high activity for oxygen reduction reaction. 2014 , 272, 808-815	30
936	Metal oxide/hydroxide-based materials for supercapacitors. 2014 , 4, 41910-41921	235
935	Hybrid Fe ₂ O ₃ @NiO heterostructures for flexible and high performance supercapacitor electrodes and visible light driven photocatalysts. 2014 , 10, 90-98	171
934	Three-dimensional branched single-crystal Co(OH) ₂ nanowire array and its application for supercapacitor with excellent electrochemical property. 2014 , 10, 153-162	53
933	Fe ₃ O ₄ /carbon composites obtained by electrospinning as an anode material with high rate capability for lithium ion batteries. 2014 , 4, 41179-41184	28
932	Understanding the effect of polypyrrole and poly(3,4-ethylenedioxythiophene) on enhancing the supercapacitor performance of NiCo ₂ O ₄ electrodes. 2014 , 2, 16731-16739	58
931	2D ZnIn ₂ S ₄ nanosheet/1D TiO ₂ nanorod heterostructure arrays for improved photoelectrochemical water splitting. 2014 , 6, 17200-7	249
930	Fabrication of 3D Co ₃ O ₄ @Ni ₃ (VO ₄) ₂ heterostructured nanorods on nickel foam possessing improved electrochemical properties for supercapacitor electrodes. 2014 , 38, 3236	17
929	One-step synthesis of hierarchical ZnCo ₂ O ₄ @ZnCo ₂ O ₄ core-shell nanosheet arrays on nickel foam for electrochemical capacitors. 2014 , 4, 38073	21

928	Nanowire electrodes for electrochemical energy storage devices. 2014 , 114, 11828-62	552
927	Electrospun V2O5-doped Fe_2O_3 composite nanotubes with tunable ferromagnetism for high-performance supercapacitor electrodes. 2014 , 2, 15495	60
926	Hollow $\text{Co}_{0.85}\text{Se}$ nanowire array on carbon fiber paper for high rate pseudocapacitor. 2014 , 6, 18844-52	131
925	Hollow nickel nanocorn arrays as three-dimensional and conductive support for metal oxides to boost supercapacitive performance. 2014 , 6, 5691-7	39
924	Hierarchical NiAl layered double hydroxide/multiwalled carbon nanotube/nickel foam electrodes with excellent pseudocapacitive properties. 2014 , 6, 16304-11	83
923	$\text{Fe}_3\text{O}_4/\text{NiO}$ core-shell composites: Hydrothermal synthesis and toluene sensing properties. 2014 , 132, 167-170	27
922	Flexible solid-state electrochemical supercapacitors. 2014 , 8, 274-290	610
921	X-ray Absorption Study of Graphene Oxide and Transition Metal Oxide Nanocomposites. 2014 , 118, 18706-18712	62
920	Design, synthesis and evaluation of three-dimensional $\text{Co}_3\text{O}_4/\text{Co}_3(\text{VO}_4)_2$ hybrid nanorods on nickel foam as self-supported electrodes for asymmetric supercapacitors. 2014 , 269, 61-68	45
919	Microwave-assisted synthesis of spherical $\text{Ni}(\text{OH})_2$ superstructures for electrochemical capacitors with excellent cycling stability. 2014 , 610-611, 115-120	21
918	Hierarchically structured $\text{TiO}_2/\text{MnO}_2$ nanowall arrays as potential electrode material for high-performance supercapacitors. 2014 , 39, 12201-12212	51
917	$\text{Co}_{1-x}\text{Fe}_x\text{O}_4$ ($x = 0.1, 0.2$) anode materials for rechargeable lithium-ion batteries. 2014 , 36, 1-7	4
916	Hierarchical 3D Mesoporous Conch-like Co_3O_4 Nanostructure Arrays for High-Performance Supercapacitors. 2014 , 141, 248-254	47
915	Self-grown oxy-hydroxide@ nanoporous metal electrode for high-performance supercapacitors. <i>Advanced Materials</i> , 2014 , 26, 269-72	24 143
914	Hierarchical nanoporous nickel alloy as three-dimensional electrodes for high-efficiency energy storage. 2014 , 89, 69-72	52
913	Rational construction of three dimensional hybrid $\text{Co}_3\text{O}_4/\text{NiMoO}_4$ nanosheets array for energy storage application. 2014 , 270, 516-525	101
912	Ultrathin Nanoflakes Assembled 3D Hierarchical Mesoporous Co_3O_4 Nanoparticles for High-Rate Pseudocapacitors. 2014 , 31, 1079-1083	31
911	3D carbon/cobalt-nickel mixed-oxide hybrid nanostructured arrays for asymmetric supercapacitors. 2014 , 10, 2937-45	126

910	CuO/NiO core/shell nanowire arrays directly synthesised on copper foam with promising superhydrophobic property. 2014 , 9, 219-221	1
909	Cobalt-based compounds and composites as electrode materials for high-performance electrochemical capacitors. 2014 , 2, 17212-17248	139
908	Facile synthesis route of porous MnCo ₂ O ₄ and CoMn ₂ O ₄ nanowires and their excellent electrochemical properties in supercapacitors. 2014 , 2, 16480-16488	239
907	NiCo ₂ O ₄ nanostructure materials: morphology control and electrochemical energy storage. 2014 , 43, 15887-97	53
906	High-performance aqueous battery with double hierarchical nanoarrays. 2014 , 10, 229-234	24
905	Flexible, sandwich-like Ag-nanowire/PEDOT:PSS-nanopillar/MnO ₂ high performance supercapacitors. 2014 , 2, 10923-10929	109
904	High performance NiMoO ₄ nanowires supported on carbon cloth as advanced electrodes for symmetric supercapacitors. 2014 , 8, 174-182	237
903	All-solid-state flexible supercapacitors based on highly dispersed polypyrrole nanowire and reduced graphene oxide composites. 2014 , 6, 17937-43	68
902	Facile synthesis of ZnCo ₂ O ₄ nanowire cluster arrays on Ni foam for high-performance asymmetric supercapacitors. 2014 , 2, 16116-16123	176
901	Enhanced performance of layered titanate nanowire-based supercapacitor electrodes by nickel ion exchange. 2014 , 6, 4578-86	87
900	Hierarchical Co ₃ O ₄ @PPy@MnO ₂ core-shell nanowire arrays for enhanced electrochemical energy storage. 2014 , 7, 42-51	139
899	Hollow Metallic Micro/Nanostructures. 2014 , 119-176	2
898	Controlled growth of mesoporous ZnCo ₂ O ₄ nanosheet arrays on Ni foam as high-rate electrodes for supercapacitors. 2014 , 4, 2393-2397	80
897	High-capacitance MnO ₂ nanoflakes on preformed C/TiO ₂ shell/core nanowire arrays for electrochemical energy storage. 2014 , 120, 416-422	28
896	MnO ₂ nanoflakes grown on 3D graphite network for enhanced electrocapacitive performance. 2014 , 4, 30233-30240	28
895	Low cost and flexible mesh-based supercapacitors for promising large-area flexible/wearable energy storage. 2014 , 6, 82-91	39
894	A NiAl layered double hydroxide@carbon nanoparticles hybrid electrode for high-performance asymmetric supercapacitors. 2014 , 2, 1682-1685	78
893	Exceptional pseudocapacitive properties of hierarchical NiO ultrafine nanowires grown on mesoporous NiO nanosheets. 2014 , 2, 12799-12804	44

892	Facile synthesis of ultralong MnO ₂ nanowires as high performance supercapacitor electrodes and photocatalysts with enhanced photocatalytic activities. 2014 , 16, 9999-10005	87
891	Synthesis of Petal-Like Carbon Nanocapsule@MnO ₂ Core-Shell Particles and Their Application in Supercapacitors. 2014 , 161, H598-H605	11
890	Ultrathin and lightweight 3D free-standing Ni@NiO nanowire membrane electrode for a supercapacitor with excellent capacitance retention at high rates. 2014 , 6, 13627-34	64
889	Hierarchical porous NiCo ₂ O ₄ nanogras arrays grown on Ni foam as electrode material for high-performance supercapacitors. 2014 , 4, 20234-20238	25
888	Fabrication of large-scale nanoporous nickel with a tunable pore size for energy storage. 2014 , 247, 896-905	123
887	Three-dimensional Co ₃ O ₄ @NiMoO ₄ core/shell nanowire arrays on Ni foam for electrochemical energy storage. 2014 , 6, 5050-5	175
886	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. 2014 , 14, 1651-8	395
885	1-D structured flexible supercapacitor electrodes with prominent electronic/ionic transport capabilities. 2014 , 6, 268-74	29
884	Freestanding MnO ₂ @carbon papers air electrodes for rechargeable Li-O ₂ batteries. 2014 , 261, 311-316	49
883	Ultra-high lithium storage capacity achieved by porous ZnFe ₂ O ₄ /Fe ₂ O ₃ micro-octahedrons. 2014 , 7, 124-133	73
882	Ultrafine Au nanoparticles decorated NiCo ₂ O ₄ nanotubes as anode material for high-performance supercapacitor and lithium-ion battery applications. 2014 , 7, 114-123	172
881	Controllable Growth of Hierarchical NiCo ₂ O ₄ Nanowires and Nanosheets on Carbon Fiber Paper and their Morphology-Dependent Pseudocapacitive Performances. 2014 , 133, 382-390	51
880	MnO ₂ nanosheets grown on the ZnO-nanorod-modified carbon fibers for supercapacitor electrode materials. 2014 , 444, 232-239	48
879	Carbon@MnO ₂ core-shell nanospheres for flexible high-performance supercapacitor electrode materials. 2014 , 259, 219-226	164
878	Simple method for the preparation of highly porous ZnCo ₂ O ₄ nanotubes with enhanced electrochemical property for supercapacitor. 2014 , 123, 450-455	145
877	Electrochemical sensing of glucose by carbon cloth-supported Co ₃ O ₄ /PbO ₂ core-shell nanorod arrays. 2014 , 53, 200-6	101
876	A dandelion-like carbon microsphere/MnO ₂ nanosheets composite for supercapacitors. 2014 , 23, 82-90	30
875	Flexible patterned micro-electrochemical capacitors based on PEDOT. 2014 , 50, 6789-92	30

874	Synthesis of 3D-nanonet hollow structured Co ₃ O ₄ for high capacity supercapacitor. 2014 , 6, 6739-47	297
873	Hierarchically porous nickel oxide nanosheets grown on nickel foam prepared by one-step in situ anodization for high-performance supercapacitors. 2014 , 9, 1579-85	37
872	Construction of Hybrid Supercapacitor-Batteries with dual-scale shelled architecture. 2014 , 7, 1881-7	8
871	Template-free synthesis of Cu ₂ O@Co ₃ O ₄ core-shell composites and their application in gas sensing. 2014 , 4, 24211-24216	24
870	One-step facile synthesis of TiO ₂ /Fe ₂ O ₃ fiber-in-tube hierarchical heterostructures with improved lithium-ion battery performance. 2014 , 4, 23125	22
869	Phase Transformation Induced Capacitance Activation for 3D Graphene-CoO Nanorod Pseudocapacitor. 2014 , 4, 1301788	75
868	Facile fabrication of hierarchical ZnCo ₂ O ₄ /NiO core/shell nanowire arrays with improved lithium-ion battery performance. 2014 , 6, 6563-8	64
867	MnO ₂ /carbon nanowall electrode for future energy storage application: effect of carbon nanowall growth period and MnO ₂ mass loading. 2014 , 4, 20479-20488	42
866	High performance flexible solid-state asymmetric supercapacitors from MnO ₂ /ZnO core-shell nanorods//specially reduced graphene oxide. 2014 , 2, 1331-1336	241
865	Hierarchical mesoporous nickel cobaltite nanoneedle/carbon cloth arrays as superior flexible electrodes for supercapacitors. 2014 , 9, 139	45
864	High performance MnO ₂ nanoflower electrode and the relationship between solvated ion size and specific capacitance in highly conductive electrolytes. 2014 , 57, 221-230	109
863	In situ growth of Co ₃ O ₄ nanoparticles on MnO ₂ nanotubes: a new hybrid for high-performance supercapacitors. 2014 , 2, 8465-8471	40
862	3D Co ₃ O ₄ and CoO@C wall arrays: morphology control, formation mechanism, and lithium-storage properties. 2014 , 2, 11597	76
861	Growth of nickel (111) plane: The key role in nickel for further improving the electrochemical property of hexagonal nickel hydroxide-nickel & reduced graphene oxide composite. 2014 , 267, 356-365	39
860	One-step triple-phase interfacial synthesis of polyaniline-coated polypyrrole composite and its application as electrode materials for supercapacitors. 2014 , 266, 347-352	59
859	Flexible coaxial-type fiber supercapacitor based on NiCo ₂ O ₄ nanosheets electrodes. 2014 , 8, 44-51	212
858	A Facile Hydrothermal Synthesis of a MnCo ₂ O ₄ @Reduced Graphene Oxide Nanocomposite for Application in Supercapacitors. 2014 , 43, 83-85	31
857	A 1D/2D Helical CdS/ZnIn ₂ S ₄ Nano-Heterostructure. 2014 , 126, 2371-2375	21

856	Nanoporous Metal Papers for Scalable Hierarchical Electrode. 2015 , 2, 1500086	21
855	Hierarchical Co-based Porous Layered Double Hydroxide Arrays Derived via Alkali Etching for High-performance Supercapacitors. 2015 , 5, 13082	38
854	1 D Hierarchical MnCo ₂ O ₄ Nanowire@MnO ₂ Sheet Core-Shell Arrays on Graphite Paper as Superior Electrodes for Asymmetric Supercapacitors. 2015 , 1, 593-602	92
853	A High-Power Symmetric Na-Ion Pseudocapacitor. 2015 , 25, 5778-5785	94
852	Three-Dimensional NiMoO ₄ Nanosheets Supported on a Carbon Fibers@Pre-Treated Ni Foam (CF@PNF) Substrate as Advanced Electrodes for Asymmetric Supercapacitors. 2015 , 10, 1745-52	22
851	Coil-Type Asymmetric Supercapacitor Electrical Cables. 2015 , 11, 5289-95	65
850	Efficient and Flexible Supercapacitors Assembled on Metal Spikes. 2015 , 2, 1100-1105	9
849	Diameter-Controlled Synthesis and Capacitive Performance of Mesoporous Dual-Layer MnO ₂ Nanotubes. 2015 , 1, 159-166	11
848	Cu ²⁺ ions inducing the growth of porous Co ₃ O ₄ nanospheres as high-capacity supercapacitors. 2015 , 17, 4449-4454	11
847	Hierarchical NiCo ₂ O ₄ @NiMoO ₄ core-shell hybrid nanowire/nanosheet arrays for high-performance pseudocapacitors. 2015 , 3, 14348-14357	184
846	Flexible Hybrid Membranes of NiCo ₂ O ₄ -Doped Carbon Core-Shell Nanostructures for High-Performance Supercapacitors. 2015 , 119, 13442-13450	57
845	Engineering of MnO ₂ -based nanocomposites for high-performance supercapacitors. 2015 , 74, 51-124	361
844	NiCo ₂ O ₄ @NiO hybrid arrays with improved electrochemical performance for pseudocapacitors. 2015 , 3, 13900-13905	127
843	Hierarchical nanoporous metal/metal-oxide composite by dealloying metallic glass for high-performance energy storage. 2015 , 96, 196-202	41
842	Three dimensional architectures: design, assembly and application in electrochemical capacitors. 2015 , 3, 15792-15823	125
841	Tailoring Kirkendall Effect of the KCu ₇ S ₄ Microwires towards CuO@MnO ₂ Core-Shell Nanostructures for Supercapacitors. 2015 , 174, 87-92	42
840	Freestanding one-dimensional manganese dioxide nanoflakes-titanium carbide/carbon core/double shell arrays as ultra-high performance supercapacitor electrode. 2015 , 293, 519-526	9
839	Materials and fabrication of electrode scaffolds for deposition of MnO ₂ and their true performance in supercapacitors. 2015 , 293, 657-674	75

838	NiMoO ₄ -modified MnO ₂ hybrid nanostructures on nickel foam: electrochemical performance and supercapacitor applications. 2015 , 39, 6207-6215	25
837	Optimised synthesis of close packed ZnO cloth and its applications in Li-ion batteries and dye-sensitized solar cells. 2015 , 8, 220-228	1
836	Graphene frameworks synthesized with Na ₂ CO ₃ as a renewable water-soluble substrate and their high rate capability for supercapacitors. 2015 , 293, 143-150	26
835	An innovative 3-D nanoforest heterostructure made of polypyrrole coated silicon nanotrees for new high performance hybrid micro-supercapacitors. 2015 , 3, 13978-13985	53
834	Mesoporous ZnCo ₂ O ₄ nanoflakes grown on nickel foam as electrodes for high performance supercapacitors. 2015 , 17, 17016-22	92
833	Manganese oxide nanosheets and a 2D hybrid of graphene/manganese oxide nanosheets synthesized by liquid-phase exfoliation. 2015 , 2, 025005	22
832	3D hierarchical assembly of ultrathin MnO ₂ nanoflakes on silicon nanowires for high performance micro-supercapacitors in Li-doped ionic liquid. 2015 , 5, 9771	127
831	Nanoarrays: design, preparation and supercapacitor applications. 2015 , 5, 55856-55869	53
830	Metallic CoS nanowire electrodes for high cycling performance supercapacitors. 2015 , 26, 494001	45
829	Electrospun porous CuCo ₂ O ₄ nanowire network electrode for asymmetric supercapacitors. 2015 , 5, 96448-96454	60
828	Optimized spherical manganese oxide-ferroferric oxide-tin oxide ternary composites as advanced electrode materials for supercapacitors. 2015 , 26, 374001	4
827	Synthesis and characterization of porous cobalt oxide/copper oxide nanoplate as novel electrode material for supercapacitors. 2015 , 25, 4054-4062	14
826	Robust electrodes based on coaxial TiC/C-MnO ₂ core/shell nanofiber arrays with excellent cycling stability for high-performance supercapacitors. 2015 , 11, 1847-56	15
825	Rational Design of Porous MnO ₂ Tubular Arrays via Facile and Templated Method for High Performance Supercapacitors. 2015 , 154, 329-337	49
824	Glucose/ethanol-assisted synthesis of amorphous CoO@C core/shell composites for electrochemical capacitors electrode. 2015 , 266, 141-147	25
823	Sandwich-like MnOx/Ni _{1-x} MnxOy@nanoporous nickel/MnOx architecture with high areal/volumetric capacitance. 2015 , 155, 16-22	9
822	NiMoO ₄ @Co(OH) ₂ core/shell structure nanowire arrays supported on Ni foam for high-performance supercapacitors. 2015 , 5, 21881-21887	33
821	Self-Sustained Cycle of Hydrolysis and Etching at Solution/Solid Interfaces: A General Strategy To Prepare Metal Oxide Micro-/Nanostructured Arrays for High-Performance Electrodes. 2015 , 127, 4004-4008	8

820	Superior performance asymmetric supercapacitors based on ZnCo ₂ O ₄ @MnO ₂ core-shell electrode. 2015 , 3, 5442-5448	137
819	Facile general strategy toward hierarchical mesoporous transition metal oxides arrays on three-dimensional macroporous foam with superior lithium storage properties. 2015 , 13, 77-91	154
818	1D CdS nanowire/2D BiVO ₄ nanosheet heterostructures toward photocatalytic selective fine-chemical synthesis. 2015 , 5, 16476-16483	55
817	Dendritic heterojunction nanowire arrays for high-performance supercapacitors. 2015 , 5, 7862	76
816	Ultrathin mesoporous Co ₃ O ₄ nanosheets on Ni foam for high-performance supercapacitors. 2015 , 157, 62-68	73
815	Smart construction of three-dimensional hierarchical tubular transition metal oxide core/shell heterostructures with high-capacity and long-cycle-life lithium storage. 2015 , 12, 437-446	200
814	Self-sustained cycle of hydrolysis and etching at solution/solid interfaces: a general strategy to prepare metal oxide micro-/nanostructured arrays for high-performance electrodes. 2015 , 54, 3932-6	29
813	Enhanced electrochemical performance of hybrid SnO ₂ @MO _x (M = Ni, Co, Mn) core-shell nanostructures grown on flexible carbon fibers as the supercapacitor electrode materials. 2015 , 3, 3676-3682	74
812	Directly grown nanostructured electrodes for high volumetric energy density binder-free hybrid supercapacitors: a case study of CNTs//Li ₄ Ti ₅ O ₁₂ . 2015 , 5, 7780	95
811	New Insights for the Cyclic Performance of Li/MnO ₂ Batteries Using a Simple Electrochemical Process. 2015 , 162, A448-A452	8
810	NiMoO ₄ nanowire @ MnO ₂ nanoflake core/shell hybrid structure aligned on carbon cloth for high-performance supercapacitors. 2015 , 5, 10681-10687	31
809	Ethylenediamine-assisted crystallization of Fe ₂ O ₃ microspindles with controllable size and their pseudocapacitance performance. 2015 , 17, 1521-1525	33
808	Facile Synthesis of Three Dimensional NiCo ₂ O ₄ @MnO ₂ Core-shell Nanosheet Arrays and its Supercapacitive Performance. 2015 , 157, 31-40	78
807	Flexible fiber-shaped supercapacitors based on hierarchically nanostructured composite electrodes. 2015 , 8, 1148-1158	165
806	Surface design and engineering of hierarchical hybrid nanostructures for asymmetric supercapacitors with improved electrochemical performance. 2015 , 447, 282-301	36
805	Anodic deposition and capacitive property of nano-WO ₃ ·H ₂ O/MnO ₂ composite as supercapacitor electrode material. 2015 , 148, 167-170	20
804	Tunable synthesis of hierarchical NiCo ₂ O ₄ nanosheets-decorated Cu/CuO _x nanowires architectures for asymmetric electrochemical capacitors. 2015 , 283, 270-278	86
803	Hierarchical assembly of SnO ₂ nanowires on MnO ₂ nanosheets: a novel 1/2D hybrid architecture for high-capacity, reversible lithium storage. 2015 , 3, 6477-6483	58

802	Rational Design of WO Nanostructures as the Anode Materials for Lithium-Ion Batteries with Enhanced Electrochemical Performance. 2015 , 7, 12-16	32
801	Supercapacitor Electrodes Based on Hierarchical Mesoporous MnOx/Nitrided TiO2 Nanorod Arrays on Carbon Fiber Paper. 2015 , 2, 1400446	21
800	Facile construction of graphene-like Ni3S2 nanosheets through the hydrothermally assisted sulfurization of nickel foam and their application as self-supported electrodes for supercapacitors. 2015 , 5, 25446-25449	32
799	Engineering of high performance supercapacitor electrode based on Fe-Ni/Fe2O3-NiO core/shell hybrid nanostructures. 2015 , 117, 105101	27
798	One-dimensional nanostructures for flexible supercapacitors. 2015 , 3, 16382-16392	59
797	Cotton-based porous activated carbon with a large specific surface area as an electrode material for high-performance supercapacitors. 2015 , 5, 64704-64710	61
796	Growth of Ultrathin Mesoporous Ni-Mo Oxide Nanosheet Arrays on Ni Foam for High-performance Supercapacitor Electrodes. 2015 , 176, 1343-1351	35
795	Facile hydrothermal synthesis of tubular kapok fiber/MnO2 composites and application in supercapacitors. 2015 , 5, 64065-64075	24
794	Assembly synthesis of Cu2O-on-Cu nanowires with visible-light-enhanced photocatalytic activity. 2015 , 44, 15645-52	18
793	Novel route to synthesis of N-doped graphene/CuNi oxide composite for high electrochemical performance. 2015 , 94, 962-970	66
792	Hierarchical Core/Shell NiCo2O4@NiCo2O4 Nanocactus Arrays with Dual-functionalities for High Performance Supercapacitors and Li-ion Batteries. 2015 , 5, 12099	84
791	Hierarchical mesoporous/macroporous Co3O4 ultrathin nanosheets as free-standing catalysts for rechargeable lithium-oxygen batteries. 2015 , 3, 17620-17626	47
790	Coaxial CoMoO4 nanowire arrays with chemically integrated conductive coating for high-performance flexible all-solid-state asymmetric supercapacitors. 2015 , 7, 15159-67	45
789	Synthesis of shish-kebab-like NiO@Co3O4 nanowire arrays and their application for electrochemical energy storage. 2015 , 159, 313-316	10
788	Polyaniline/ionic liquid derived ordered mesoporous carbon nanocomposite: synthesis and supercapacitive behavior. 2015 , 5, 69032-69041	20
787	Hierarchical Configuration of NiCo2O4@Ni-Mn Layered Double Hydroxide Arrays/Three-Dimensional Graphene Sponge as Electrode Materials for High-Capacitance Supercapacitors. 2015 , 7, 15840-7	182
786	Rational design of octahedron and nanowire CeO2@MnO2 core-shell heterostructures with outstanding rate capability for asymmetric supercapacitors. 2015 , 51, 14840-3	126
785	A facile approach to prepare Bi(OH)3 nanoflakes as high-performance pseudocapacitor materials. 2015 , 39, 5927-5930	12

784	Precisely tailoring ZIF-67 nanostructures from cobalt carbonate hydroxide nanowire arrays: toward high-performance battery-type electrodes. 2015 , 3, 16688-16694	58
783	Amorphous Ni-Co Binary Oxide with Hierarchical Porous Structure for Electrochemical Capacitors. 2015 , 7, 24419-29	67
782	NiCo ₂ O ₄ / MnO ₂ heterostructured nanosheet: influence of preparation conditions on its electrochemical properties. 2015 , 176, 359-368	18
781	Hyper-Branching Cu@Cu ₂ O Coaxial Nanowires Mesh Electrode for Ultra-Sensitive Glucose Detection. 2015 , 7, 16802-12	86
780	Towards three-dimensional hierarchical ZnO nanofiber@Ni(OH) ₂ nanoflake core-shell heterostructures for high-performance asymmetric supercapacitors. 2015 , 3, 18413-18421	118
779	Epitaxial growth of hyperbranched Cu/Cu ₂ O/CuO core-shell nanowire heterostructures for lithium-ion batteries. 2015 , 8, 2763-2776	61
778	Hierarchical Cu _{0.27} Co _{2.73} O ₄ /MnO ₂ nanorod arrays grown on 3D nickel foam as promising electrode materials for electrochemical capacitors. 2015 , 3, 17359-17368	20
777	Orientated Co ₃ O ₄ Nanocrystals on MWCNTs as Superior Battery-Type Positive Electrode Material for a Hybrid Capacitor. 2015 , 162, A1966-A1971	48
776	High-throughput synthesis of core-shell and multi-shelled materials by fluidised bed chemical vapour deposition. Case study: double-shell rutile anatase particles. 2015 , 3, 17241-17247	3
775	Morphology and crystallinity-controlled synthesis of manganese cobalt oxide/manganese dioxides hierarchical nanostructures for high-performance supercapacitors. 2015 , 296, 86-91	81
774	Three-dimensional microporous polypyrrole/polysulfone composite film electrode for supercapacitance performance. 2015 , 353, 788-792	11
773	Hierarchical ZnO@MnO ₂ @PPy ternary core-shell nanorod arrays: an efficient integration of active materials for energy storage. 2015 , 5, 39864-39869	12
772	Semiconductor nanowire battery electrodes. 2015 , 441-469	1
771	Needle-like CoO nanowires grown on carbon cloth for enhanced electrochemical properties in supercapacitors. 2015 , 5, 41627-41630	20
770	Graphene-based materials for flexible supercapacitors. 2015 , 44, 3639-65	851
769	MnCo ₂ O ₄ nanowires anchored on reduced graphene oxide sheets as effective bifunctional catalysts for Li-O ₂ battery cathodes. 2015 , 8, 1752-60	68
768	Preparation and performance of tubular nanoflake (Ni, Co, Mn) oxides with hierarchical mesoporous structure. 2015 , 639, 352-358	20
767	Construction of unique Co ₃ O ₄ @CoMoO ₄ core/shell nanowire arrays on Ni foam by the action exchange method for high-performance supercapacitors. 2015 , 3, 14578-14584	71

766	A Review for Aqueous Electrochemical Supercapacitors. 2015 , 3,	109
765	Hierarchical micro-architectures of electrodes for energy storage. 2015 , 284, 435-445	65
764	Template-free synthesis of ultra-large V ₂ O ₅ nanosheets with exceptional small thickness for high-performance lithium-ion batteries. 2015 , 13, 58-66	119
763	From flour to honeycomb-like carbon foam: Carbon makes room for high energy density supercapacitors. 2015 , 13, 527-536	206
762	Design and synthesis of 3D hierarchical NiCo ₂ S ₄ @MnO ₂ core-shell nanosheet arrays for high-performance pseudocapacitors. 2015 , 5, 44642-44647	52
761	Homogeneous core-shell NiCo ₂ S ₄ nanostructures supported on nickel foam for supercapacitors. 2015 , 3, 12452-12460	349
760	Enhanced electrochemical performance of hierarchical CoFe ₂ O ₄ /MnO ₂ /C nanotubes as anode materials for lithium-ion batteries. 2015 , 3, 12328-12333	30
759	Porous Hybrid Network of Graphene and Metal Oxide Nanosheets as Useful Matrix for Improving the Electrode Performance of Layered Double Hydroxides. 2015 , 11, 3921-31	37
758	Fabrication and Shell Optimization of Synergistic TiO ₂ -MoO ₃ Core-shell Nanowire Array Anode for High Energy and Power Density Lithium-Ion Batteries. 2015 , 25, 3524-3533	223
757	Fabrication of urchin-like NiCo ₂ (CO ₃) _{1.5} (OH) ₃ @NiCo ₂ S ₄ on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. 2015 , 3, 13308-13316	77
756	Highly ordered mesoporous NiCo ₂ O ₄ with superior pseudocapacitance performance for supercapacitors. 2015 , 3, 11503-11510	26
755	Three-dimensional NiCo ₂ O ₄ @NiMoO ₄ core/shell nanowires for electrochemical energy storage. 2015 , 3, 12069-12075	39
754	Preparation of stereoscopic snowflake-like CoO material and its supercapacitor applications. 2015 , 21, 2303-2307	9
753	Highly Ordered Metal Oxide Nanorods inside Mesoporous Silica Supported Carbon Nanomembranes: High Performance Electrode Materials for Symmetrical Supercapacitor Devices. 2015 , 119, 8530-8536	40
752	MnO ₂ Nanosheets Grown on Nitrogen-Doped Hollow Carbon Shells as a High-Performance Electrode for Asymmetric Supercapacitors. 2015 , 21, 7119-26	54
751	MnO _x nanosheets for improved electrochemical performances through bilayer nano-architecting. 2015 , 286, 394-399	23
750	Porous Li ₄ Ti ₅ O ₁₂ @TiO ₂ nanosheet arrays for high-performance lithium-ion batteries. 2015 , 3, 10107-10113	68
749	Mesoporous CuCo ₂ O ₄ nanograsses as multi-functional electrodes for supercapacitors and electro-catalysts. 2015 , 3, 9769-9776	149

748	Nano-Array Catalysts for Energy and Environmental Catalysis. 2015 , 339-370	1
747	Binder-free hydrogenated NiO/TiO ₂ hybrid electrodes for high performance supercapacitors. 2015 , 5, 31725-31731	27
746	High-performance flexible supercapacitors based on mesoporous carbon nanofibers/Co ₃ O ₄ /MnO ₂ hybrid electrodes. 2015 , 5, 18952-18959	36
745	Hierarchical porous Ni/NiO core/shells with superior conductivity for electrochemical pseudo-capacitors and glucose sensors. 2015 , 3, 10519-10525	106
744	A facile synthesis of mesoporous Co ₃ O ₄ /CeO ₂ hybrid nanowire arrays for high performance supercapacitors. 2015 , 3, 10425-10431	94
743	Hybrid nanostructured C-dot decorated Fe ₃ O ₄ electrode materials for superior electrochemical energy storage performance. 2015 , 44, 9221-9	83
742	Mechanism analysis of the capacitance contributions and ultralong cycling-stability of the isomorphous MnO ₂ @MnO ₂ core/shell nanostructures for supercapacitors. 2015 , 3, 6168-6176	103
741	3D hierarchical SnO ₂ @Ni(OH) ₂ core/shell nanowire arrays on carbon cloth for energy storage application. 2015 , 3, 9538-9542	30
740	Fabrication and functionalization of carbon nanotube films for high-performance flexible supercapacitors. 2015 , 92, 271-296	76
739	Construction of Three-Dimensional Homogeneous NiCo ₂ O ₄ Core/Shell Nanostructure as High-Performance Electrodes for Supercapacitors. 2015 , 162, E319-E324	16
738	Nanostructured V ₂ O ₅ arrays on metal substrate as binder free cathode materials for sodium-ion batteries. 2015 , 182, 769-774	38
737	Nanostructured Transition Metal Oxides Produced by Electrodeposition for Application as Redox Electrodes for Supercapacitors. 2015 , 1-27	3
736	Enhanced Supercapacitor Performance for Equal Co/Mn Stoichiometry in Colloidal Co ₃ -xMnxO ₄ Nanoparticles, in Additive-Free Electrodes. 2015 , 27, 7861-7873	66
735	Fabrication of coral like carbon black/MnO ₂ nano composites from commercial carbon black and their application in supercapacitors. 2015 , 5, 97080-97088	7
734	Three-dimensional NiCo ₂ O ₄ nanowire arrays: preparation and storage behavior for flexible lithium-ion and sodium-ion batteries with improved electrochemical performance. 2015 , 3, 19765-19773	110
733	Nitrogen-Doped Carbon Nanocoil Array Integrated on Carbon Nanofiber Paper for Supercapacitor Electrodes. 2015 , 7, 19370-81	57
732	PPy wrapped MnO ₂ @C/TiO ₂ nanowire arrays for electrochemical energy storage. 2015 , 182, 1153-1158	14
731	Aligned carbon nanostructures based 3D electrodes for energy storage. 2015 , 24, 559-586	16

730	A novel Ni@Ni(OH) ₂ coaxial core-sheath nanowire membrane for electrochemical energy storage electrodes with high volumetric capacity and excellent rate capability. 2015 , 182, 464-473	27
729	Rational Synthesis of Branched CoMoO ₄ @CoNiO ₂ Core/Shell Nanowire Arrays for All-Solid-State Supercapacitors with Improved Performance. 2015 , 7, 24204-11	70
728	Design of mass-controllable NiCo ₂ S ₄ /Ketjen Black nanocomposite electrodes for high performance supercapacitors. 2015 , 17, 7583-7591	17
727	Co ₃ O ₄ @Highly ordered macroporous carbon derived from a mollusc shell for supercapacitors. 2015 , 5, 75105-75110	18
726	Amorphous nickel pyrophosphate microstructures for high-performance flexible solid-state electrochemical energy storage devices. 2015 , 17, 339-347	117
725	High performance electrochemical capacitor based on MnCo ₂ O ₄ nanostructured electrode. 2015 , 756, 94-100	65
724	Binary metal sulfides and polypyrrole on vertically aligned carbon nanotube arrays/carbon fiber paper as high-performance electrodes. 2015 , 3, 22043-22052	33
723	Flexible all-solid-state asymmetric supercapacitor assembled using coaxial NiMoO ₄ nanowire arrays with chemically integrated conductive coating. 2015 , 178, 429-438	54
722	Multidimensional MnO ₂ nanohair-decorated hybrid multichannel carbon nanofiber as an electrode material for high-performance supercapacitors. 2015 , 7, 16026-33	44
721	Branched ultra-fine nickel oxide/manganese dioxide core-shell nanosheet arrays for electrochemical capacitors. 2015 , 5, 77115-77121	18
720	Seed-assisted synthesis of hierarchical manganese dioxide/carbonaceous sphere composites with enhanced supercapacitor performance. 2015 , 180, 1033-1040	17
719	Co(OH) ₂ /RGO/NiO sandwich-structured nanotube arrays with special surface and synergistic effects as high-performance positive electrodes for asymmetric supercapacitors. 2015 , 7, 16932-42	25
718	MnO ₂ -based nanostructures for high-performance supercapacitors. 2015 , 3, 21380-21423	655
717	Preparation of mesoporous La ₂ NiO ₄ /NiO filled activated carbon composite for high performance electrochemical electrodes. 2015 , 26, 6306-6313	4
716	Three-Dimensional NiCo ₂ O ₄ @Polypyrrole Coaxial Nanowire Arrays on Carbon Textiles for High-Performance Flexible Asymmetric Solid-State Supercapacitor. 2015 , 7, 21334-46	250
715	NiMoO ₄ nanowire arrays grown on carbon cloth for 3D solid asymmetry supercapacitors. 2015 , 5, 107098-107104	104
714	Effect of temperature on pseudocapacitance performance of carbon fiber@NiCo ₂ O ₄ @Ni(OH) ₂ core-shell nanowire array composite electrodes. 2015 , 356, 167-172	25
713	Facile synthesis of self-assembled porous NiO nanostructures and their application to supercapacitor electrodes. 2015 , 5, 70-74	12

7 ¹²	Three-Dimensional Porous Iron Vanadate Nanowire Arrays as a High-Performance Lithium-Ion Battery. 2015 , 7, 27685-93	27
7 ¹¹	Supercapacitor electrode materials: nanostructures from 0 to 3 dimensions. 2015 , 8, 702-730	1739
7 ¹⁰	Three-dimensional networked NiCo ₂ O ₄ /MnO ₂ branched nanowire heterostructure arrays on nickel foam with enhanced supercapacitor performance. 2015 , 3, 1717-1723	76
7 ⁰⁹	Facile synthesis of mesoporous cobalt oxide rugby balls for electrochemical energy storage. 2015 , 39, 68-71	12
7 ⁰⁸	Mesoporous, hierarchical core/shell structured ZnCo ₂ O ₄ /MnO ₂ nanocone forests for high-performance supercapacitors. 2015 , 11, 687-696	254
7 ⁰⁷	Supercapacitors Performance Evaluation. 2015 , 5, 1401401	798
7 ⁰⁶	A Simple Electrochemical Route to Access Amorphous Mixed-Metal Hydroxides for Supercapacitor Electrode Materials. 2015 , 5, 1401767	142
7 ⁰⁵	Quantitative investigation on the effect of hydrogenation on the performance of MnO ₂ /H-TiO ₂ composite electrodes for supercapacitors. 2015 , 3, 3785-3793	33
7 ⁰⁴	Putting DFT to the test: a first-principles study of electronic, magnetic, and optical properties of Co ₃ O ₄ . 2015 , 11, 64-72	65
7 ⁰³	Smart design of free-standing ultrathin Co-Co(OH) ₂ composite nanoflakes on 3D nickel foam for high-performance electrochemical capacitors. 2015 , 51, 1689-92	34
7 ⁰²	Phase transition-induced electrochemical performance enhancement of hierarchical CoCO ₃ /CoO nanostructure for pseudocapacitor electrode. 2015 , 11, 736-745	56
7 ⁰¹	A binary A(x)B(1-x) ionic alkaline pseudocapacitor system involving manganese, iron, cobalt, and nickel: formation of electroactive colloids via in situ electric field assisted coprecipitation. 2015 , 7, 1161-6	38
7 ⁰⁰	Temperature-dependent self-assembly of NiO/Co ₃ O ₄ composites for supercapacitor electrodes with good cycling performance: from nanoparticles to nanorod arrays. 2015 , 5, 1943-1948	39
6 ⁹⁹	Superior asymmetric supercapacitor based on Ni-Co oxide nanosheets and carbon nanorods. 2014 , 4, 3712	142
6 ⁹⁸	Merging of Kirkendall growth and Ostwald ripening: CuO@MnO ₂ core-shell architectures for asymmetric supercapacitors. 2014 , 4, 4518	199
6 ⁹⁷	Hierarchical heterostructures of Ag nanoparticles decorated MnO ₂ nanowires as promising electrodes for supercapacitors. 2015 , 3, 1216-1221	160
6 ⁹⁶	Facilitated transport channels in carbon nanotube/carbon nanofiber hierarchical composites decorated with manganese dioxide for flexible supercapacitors. 2015 , 274, 709-717	72
6 ⁹⁵	Recent advances in metal nitrides as high-performance electrode materials for energy storage devices. 2015 , 3, 1364-1387	331

694	Pre-stabilized reduced graphene oxide by ammonia as carrier for Ni(OH) ₂ with excellent electrochemical property. 2015 , 19, 229-239	13
693	Co ₃ O ₄ nanowires@MnO ₂ nanolayer or nanoflakes core-shell arrays for high-performance supercapacitors: The influence of morphology on performance. 2015 , 624, 85-93	47
692	Uniform MnO ₂ nanostructures supported on hierarchically porous carbon as efficient electrocatalysts for rechargeable Li-O ₂ batteries. 2015 , 8, 156-164	60
691	Tailoring uniform MnO ₂ nanosheets on highly conductive three-dimensional current collectors for high-performance supercapacitor electrodes. 2015 , 8, 990-1004	32
690	Easy one-step hydrothermal synthesis of nitrogen-doped reduced graphene oxide/iron oxide hybrid as efficient supercapacitor material. 2015 , 19, 135-144	48
689	Ultrathin MoO ₂ nanosheets for superior lithium storage. 2015 , 11, 129-135	172
688	Amorphous NiB materials for high performance pseudocapacitors. 2015 , 274, 1107-1113	121
687	Self-assembly of mesoporous nanotubes assembled from interwoven ultrathin birnessite-type MnO ₂ nanosheets for asymmetric supercapacitors. 2014 , 4, 3878	248
686	Hierarchical 3D Co ₃ O ₄ @MnO ₂ core/shell nanoconch arrays on Ni foam for enhanced electrochemical performance. 2015 , 19, 391-401	35
685	In situ growth of ruthenium oxide-nickel oxide nanorod arrays on nickel foam as a binder-free integrated cathode for hydrogen evolution. 2015 , 274, 114-120	56
684	Synthesis of p-Co ₂ /n-TiO ₂ Nanoparticles for Overall Water Splitting under Visible Light Irradiation. 2016 , 6,	18
683	Growth of three-dimensional hierarchical Co ₃ O ₄ @NiMoO ₄ core-shell nanoflowers on Ni foam as electrode materials for hybrid supercapacitors. 2016 , 182, 298-301	21
682	Construction of Complex CoS Hollow Structures with Enhanced Electrochemical Properties for Hybrid Supercapacitors. 2016 , 1, 102-113	406
681	Synthesis of Two-Dimensional Materials for Capacitive Energy Storage. <i>Advanced Materials</i> , 2016 , 28, 6104-35	24 441
680	Bridging Unilamellar Nanosheets for High Performance Additive-Free Supercapacitor Electrodes. 2016 , 3, 1600108	3
679	Preparation of MnCo ₂ O ₄ @Ni(OH) ₂ Core-shell Flowers for Asymmetric Supercapacitor Materials with Ultrahigh Specific Capacitance. 2016 , 26, 4085-4093	421
678	Hierarchical porous cobalt monoxide nanosheet@ultrathin manganese dioxide nanosheet core-shell arrays for high-performance asymmetric supercapacitor. 2016 , 41, 13540-13548	27
677	Nanocrystalline Manganese Iron Oxide as a Charge Storage Electrode. 2016 , 28, 1951-1956	4

- 676 A Dual Component Catalytic System Composed of Non-Noble Metal Oxides for LiO₂ Batteries with Enhanced Cyclability. **2016**, 33, 228-234 3
- 675 Synthesis of mesoporous TiO₂@C/MnO₂ multi-shelled hollow nanospheres with high rate capability and stability for lithium-ion batteries. **2016**, 6, 65243-65251 12
- 674 Hierarchical NiCo₂S₄ Nanotube@NiCo₂S₄ Nanosheet Arrays on Ni Foam for High-Performance Supercapacitors. **2016**, 11, 248-55 83
- 673 Electrochemical supercapacitor based on double perovskite Y₂NiMnO₆ nanowires. **2016**, 6, 114722-114726 62
- 672 Uniform Nickel Vanadate (Ni₃V₂O₈) Nanowire Arrays Organized by Ultrathin Nanosheets with Enhanced Lithium Storage Properties. **2016**, 6, 20826 56
- 671 Multi-plate, thin-film electrodes of manganese oxide synthesized via the thermal decomposition of a manganese-amine complex for use as electrochemical supercapacitors. **2016**, 222, 693-700 5
- 670 Design and Fabrication of Ni₃P₂O₈-Co₃P₂O₈·nH₂O as Advanced Positive Electrodes for Asymmetric Supercapacitors. **2016**, 201, 142-150 37
- 669 Coupled cobalt oxide/hollow carbon sphere as an efficient electrocatalyst for the oxygen reduction reaction. **2016**, 6, 34159-34164 14
- 668 Core-shell superparamagnetic iron oxide nanoparticle (SPION) clusters: TEM micrograph analysis, particle design and shape analysis. **2016**, 42, 10976-10984 46
- 667 Straightforward synthesis of hierarchical Co₃O₄@CoWO₄/rGO core-shell arrays on Ni as hybrid electrodes for asymmetric supercapacitors. **2016**, 42, 10719-10725 45
- 666 Facile morphology controlled synthesis of nanostructured Co₃O₄ films on nickel foam and their pseudocapacitive performance. **2016**, 6, 52957-52965 5
- 665 CoOx nanoparticles embedded in porous graphite carbon nanofibers derived from electrospun polyacrylonitrile/polypyrrole core-shell nanostructures for high-performance supercapacitors. **2016**, 6, 54693-54701 28
- 664 Hierarchical Heterostructures of NiCo₂O₄@XMoO₄ (X = Ni, Co) as an Electrode Material for High-Performance Supercapacitors. **2016**, 11, 257 21
- 663 One-pot formation of ultra-thin Ni/Co hydroxides with a sheet-like structure for enhanced asymmetric supercapacitors. **2016**, 4, 9160-9168 82
- 662 Cobalt oxide nanoparticles embedded in flexible carbon nanofibers: attractive material for supercapacitor electrodes and CO₂ adsorption. **2016**, 6, 52171-52179 25
- 661 Facile synthesis of nickel doped walnut-like MnO₂ nanoflowers and their application in supercapacitor. **2016**, 27, 6202-6207 11
- 660 Ni-Co nanosheets supported on conductive flower for integrated supercapacitor with high performance. **2016**, 201, 260-267 15
- 659 Hydrogen bubbling-induced micro/nano porous MnO₂ films prepared by electrodeposition for pseudocapacitor electrodes. **2016**, 202, 166-174 28

658	High-Performance Solid-State Supercapacitors Based on V ₂ O ₅ /Carbon Nanotube Composites. 2016 , 3, 158-164	49
657	Co-Fe layered double hydroxides nanosheets vertically grown on carbon fiber cloth for electrochemical capacitors. 2016 , 679, 277-284	56
656	NiCo ₂ O ₄ @TiN Core-shell Electrodes through Conformal Atomic Layer Deposition for All-solid-state Supercapacitors. 2016 , 196, 611-621	31
655	Fast pseudocapacitive reactions of three-dimensional manganese dioxide structures synthesized via self-limited redox deposition on microwave-expanded graphite oxide. 2016 , 6, 8330-8335	2
654	A Co ₃ O ₄ @MnO ₂ /Ni nanocomposite as a carbon- and binder-free cathode for rechargeable LiO ₂ batteries. 2016 , 3, 866-871	49
653	FeOOH electrodeposited on Ag decorated ZnO nanorods for electrochemical energy storage. 2016 , 6, 39166-39171	13
652	NiCo ₂ O ₄ @MnMoO ₄ core-shell flowers for high performance supercapacitors. 2016 , 4, 8249-8254	83
651	In situ hydrothermal fabrication of a MnO ₂ @CoMoO ₄ @Ni nanohybrid electrode and ultrahigh energy density of ASCs. 2016 , 6, 46508-46515	7
650	MOF-derived Ni _x Co _{1-x} (OH) ₂ composite microspheres for high-performance supercapacitors. 2016 , 6, 49478-49486	86
649	3D nanoporous ZnWO ₄ nanoparticles with excellent electrochemical performances for supercapacitors. 2016 , 177, 34-38	25
648	Ranunculus flower-like Ni(OH) ₂ @Mn ₂ O ₃ as a high specific capacitance cathode material for alkaline supercapacitors. 2016 , 4, 7591-7595	48
647	Excellent Electrochemical Performance Hierarchical Co ₃ O ₄ @Ni ₃ S ₂ core/shell nanowire arrays for Asymmetric Supercapacitors. 2016 , 207, 87-96	73
646	Functionalization of chemically derived graphene for improving its electrocapacitive energy storage properties. 2016 , 9, 1891-1930	181
645	In situ growth of binder-free CNTs@NiCo ₂ O ₄ nanosheets core/shell hybrids on Ni mesh for high energy density asymmetric supercapacitors. 2016 , 4, 8888-8897	96
644	Nanomaterials and Devices on Flexible Substrates. 2016 , 285-303	2
643	A general melt-injection-decomposition route to oriented metal oxide nanowire arrays. 2016 , 390, 760-764	9
642	Nanofoaming to Boost the Electrochemical Performance of Ni@Ni(OH) ₂ Nanowires for Ultrahigh Volumetric Supercapacitors. 2016 , 8, 27868-27876	72
641	Surface modified catalytically grown carbon nanofibers/MnO ₂ composites for use in supercapacitor. 2016 , 620, 54-63	19

640 Energy Harvesting and Storage. **2016**, 257-295

639 Synthesis of multi-shelled MnO₂ hollow microspheres via an anion-adsorption process of hydrothermal intensification. **2016**, 3, 1065-1070 53

638 Design and synthesis of hierarchical TiO₂ micro-nano spheres/Cu₂O-Mn₃O₄ nanoflakes composite for high performance electrochemical electrodes. **2016**, 688, 561-570 8

637 Structure-Controlled Synthesis. **2016**, 39-67

636 Modulating structural hierarchies of manganese oxide in morphology and porosity by marine biopolymer for improved supercapacitors. **2016**, 213, 709-716 8

635 Buckypaper templating NiCo hydroxide nanosheets as free-standing electrodes for ultrathin and flexible supercapacitors. **2016**, 40, 8006-8011 20

634 Reconstruction of Mini-Hollow Polyhedron MnO Derived from MOFs as a High-Performance Lithium Anode Material. **2016**, 3, 1500185 70

633 Electronic channel in 3D flowery Co(OH)₂/N-doped graphene composites with Enhanced Electrochemistry Performance. **2016**, 185, 72-76 6

632 3D self-supported hierarchical Ni Co architectures with integrated capacitive performance and enhanced electronic conductivity for supercapacitors. **2016**, 112, 755-761 15

631 Facile preparation of MnO₂@C composite nanorods for high-performance supercapacitors. **2016**, 27, 13314-13322 4

630 Facile synthesis of carbon-doped graphitic C₃N₄@MnO₂ with enhanced electrochemical performance. **2016**, 6, 83209-83216 53

629 Flexible Ultrafast Aqueous Rechargeable Ni//Bi Battery Based on Highly Durable Single-Crystalline Bismuth Nanostructured Anode. *Advanced Materials*, **2016**, 28, 9188-9195 24 178

628 Fabrication of nanosheets Co₃O₄ by oxidation-assisted dealloying method for high capacity supercapacitors. **2016**, 184, 181-184 35

627 Facile preparation of nickel/carbonized wood nanocomposite for environmentally friendly supercapacitor electrodes. **2016**, 6, 33659 29

626 Nanostructured energy materials for electrochemical energy conversion and storage: A review. **2016**, 25, 967-984 316

625 Hierarchically porous Co₃O₄/C nanowire arrays derived from a metal-organic framework for high performance supercapacitors and the oxygen evolution reaction. **2016**, 4, 16516-16523 144

624 Nanostructured core-shell electrode materials for electrochemical capacitors. **2016**, 331, 408-425 82

623 Spinel CuCo₂O₄ Nanoparticles: Facile One-Step Synthesis, Optical, and Electrochemical properties. **2016**, 3, 095021 41

622	Superior Cycle Stability Performance of Quasi-Cuboidal CoVO Microstructures as Electrode Material for Supercapacitors. 2016 , 8, 27291-27297	57
621	Synthesis of NiCo ₂ S ₄ Nanocages as Pseudocapacitor Electrode Materials. 2016 , 1, 4082-4086	10
620	Flower-Like Nickel-Cobalt Oxide Decorated Dopamine-Derived Carbon Nanocomposite for High Performance Supercapacitor Applications. 2016 , 4, 5013-5020	62
619	Super long-life all solid-state asymmetric supercapacitor based on NiO nanosheets and Fe ₂ O ₃ nanorods. 2016 , 306, 193-203	136
618	High-Performance Supercapacitor Electrode Based on Cobalt Oxide-Manganese Dioxide-Nickel Oxide Ternary 1D Hybrid Nanotubes. 2016 , 8, 20786-92	130
617	Surfactant-free self-assembly of reduced graphite oxide-MoO ₂ nanobelt composites used as electrode for lithium-ion batteries. 2016 , 211, 972-981	47
616	Nanohybrids of RGO nanosheets and 2-dimensional porous Co ₃ O ₄ nanoflakes working as highly efficient counter electrodes for dye-sensitized solar cells. 2016 , 4, 10323-10328	28
615	Enhanced catalytic performance of ZnO-CoOx electrode generated from electrochemical corrosion of Co-Zn alloy for oxygen evolution reaction. 2016 , 222, 999-1006	9
614	Flower-like ZnO@MnCo ₂ O ₄ nanosheet structures on nickel foam as novel electrode material for high-performance supercapacitors. 2016 , 6, 102961-102967	37
613	Chemical insights into the roles of nanowire cores on the growth and supercapacitor performances of Ni-Co-O/Ni(OH) ₂ core/shell electrodes. 2016 , 6, 21566	19
612	Mesoporous MnNiCoO ₄ @MnO ₂ core-shell nanowire/nanosheet arrays on flexible carbon cloth for high-performance supercapacitors. 2016 , 222, 505-517	50
611	Facile synthesis of hierarchical CoMoO ₄ @NiMoO ₄ core-shell nanosheet arrays on nickel foam as an advanced electrode for asymmetric supercapacitors. 2016 , 4, 18578-18584	134
610	Large-scale synthesis of hybrid metal oxides through metal redox mechanism for high-performance pseudocapacitors. 2016 , 6, 20021	56
609	Rational design of MnO@MnO hierarchical nanomaterials and their catalytic activities. 2016 , 45, 18851-18858	18
608	Enhanced catalytic performance of magnetic Fe ₃ O ₄ @MnO ₂ nanocomposites for the decolorization of rhodamine B, reduction of 4-nitroaniline, and sp ³ C-H functionalization of 2-methylpyridines to isatins. 2016 , 344, 273-285	38
607	Aligned Ni-Co-Mn oxide nanosheets grown on conductive substrates as binder-free electrodes for high capacity electrochemical energy storage devices. 2016 , 220, 296-303	42
606	Outstanding supercapacitive properties of Mn-doped TiO ₂ micro/nanostructure porous film prepared by anodization method. 2016 , 6, 22634	27
605	Growth of copper oxide nanocrystals in metallic nanotubes for high performance battery anodes. 2016 , 8, 19994-20000	16

604	Highly Conductive MoC Nanofibers Encapsulated in Ultrathin MnO Nanosheets as a Self-Supported Electrode for High-Performance Capacitive Energy Storage. 2016 , 8, 32460-32467	44
603	High-Performance Mesostructured Organic Hybrid Pseudocapacitor Electrodes. 2016 , 26, 903-910	52
602	Guided Evolution of Bulk Metallic Glass Nanostructures: A Platform for Designing 3D Electrocatalytic Surfaces. <i>Advanced Materials</i> , 2016 , 28, 1940-9	24 56
601	Remarkable Improvements in Volumetric Energy and Power of 3D MnO ₂ Microsupercapacitors by Tuning Crystallographic Structures. 2016 , 26, 1830-1839	96
600	Hierarchically constructed NiCo ₂ S ₄ @Ni(1-x)Co _x (OH) ₂ core/shell nanoarrays and their application in energy storage. 2016 , 27, 235402	29
599	Amorphous Vanadium Oxide/Molybdenum Oxide Hybrid with Three-Dimensional Ordered Hierarchically Porous Structure as a High-Performance Li-Ion Battery Anode. 2016 , 28, 4180-4190	68
598	Core-double shell ZnO/ZnS@Co ₃ O ₄ heterostructure as high performance pseudocapacitor. 2016 , 45, 9103-12	12
597	Supercapacitor Electrode Based on Nano-Vanadium Nitride Incorporated on Porous Carbon Nanospheres Derived from Ionic Amphiphilic Block Copolymers & Vanadium-Contained Ion Assembly Systems. 2016 , 211, 469-477	62
596	Three-dimensional Co ₃ O ₄ @NiO hierarchical nanowire arrays for solid-state symmetric supercapacitor with enhanced electrochemical performances. 2016 , 304, 223-231	119
595	A hierarchical Zn ₂ Mo ₃ O ₈ nanodots-porous carbon composite as a superior anode for lithium-ion batteries. 2016 , 52, 9402-5	26
594	Egg-shaped core/shell γ -Mn ₂ O ₃ @ γ -MnO ₂ as heterogeneous catalysts for decomposition of phenolics in aqueous solutions. 2016 , 159, 351-358	54
593	Facile synthesis of Co ₃ O ₄ with different morphologies loaded on amine modified graphene and their application in supercapacitors. 2016 , 685, 507-517	25
592	Construction of CuO/Cu ₂ O@CoO core shell nanowire arrays for high-performance supercapacitors. 2016 , 299, 15-21	41
591	Integration of mesoporous nickel cobalt oxide nanosheets with ultrathin layer carbon wrapped TiO ₂ nanotube arrays for high-performance supercapacitors. 2016 , 40, 6881-6889	15
590	Modular Graphene-Based 3D Covalent Networks: Functional Architectures for Energy Applications. 2016 , 12, 1044-52	22
589	Hierarchical γ -MnO ₂ Tube-on-Tube Arrays with Superior, Structure-Dependent Pseudocapacitor Performance Synthesized via a Selective Dissolution and Coherent Growth Mechanism. 2016 , 3, 1500761	8
588	Reduced Graphene-Wrapped MnO ₂ Nanowires Self-Inserted with Co ₃ O ₄ Nanocages: Remarkable Enhanced Performances for Lithium-Ion Anode Applications. 2016 , 22, 6876-80	17
587	3D hierarchical Co ₃ O ₄ @Co ₃ S ₄ nanoarrays as cathode materials for asymmetric pseudocapacitors. 2016 , 4, 3287-3296	122

586	Three-Dimensional Co ₃ O ₄ Nanowires@Amorphous Ni(OH) ₂ Ultrathin Nanosheets Hierarchical Structure for Electrochemical Energy Storage. 2016 , 191, 758-766	63
585	Design of three dimensional hybrid Co ₃ O ₄ @NiMoO ₄ core/shell arrays grown on carbon cloth as high-performance supercapacitors. 2016 , 6, 13957-13963	23
584	Accelerating the decomposition of KMnO ₄ by photolysis and auto-catalysis: a green approach to synthesize a layered birnessite-type MnO ₂ assembled hierarchical nanostructure. 2016 , 6, 14192-14198	21
583	Hierarchically MnO ₂ -Nanosheet Covered Submicrometer-FeCo ₂ O ₄ -Tube Forest as Binder-Free Electrodes for High Energy Density All-Solid-State Supercapacitors. 2016 , 8, 4762-70	90
582	A novel three-dimensional manganese dioxide electrode for high performance supercapacitors. 2016 , 308, 141-148	26
581	Facile fabrication of ethylene glycol intercalated cobalt-nickel layered double hydroxide nanosheets supported on nickel foam as flexible binder-free electrodes for advanced electrochemical energy storage. 2016 , 191, 329-336	31
580	Potentiodynamical deposition of nanostructured MnO ₂ film at the assist of electrodeposited SiO ₂ as template. 2016 , 191, 375-384	7
579	Ultrahigh capacitive performance of three-dimensional electrode nanomaterials based on MnO ₂ nanocrystallines induced by doping Au through scale channels. 2016 , 21, 39-50	29
578	Hierarchical structures composed of MnCo ₂ O ₄ @MnO ₂ core-shell nanowire arrays with enhanced supercapacitor properties. 2016 , 45, 572-8	75
577	Facile fabrication of reduced graphene oxide covered ZnCo ₂ O ₄ porous nanowire array hierarchical structure on Ni-foam as a high performance anode for a lithium-ion battery. 2016 , 6, 547-554	16
576	Self-supported Ni decorated NiO nanoflake arrays as promising cathode materials of hybrid batteries. 2016 , 76, 113-117	29
575	Sculpturing the Core towards Mesoporous Manganese Dioxides Nanosheets-Built Nanotubes for Pseudocapacitance. 2016 , 187, 488-495	22
574	Bicontinuous nanotubular graphene/polypyrrole hybrid for high performance flexible supercapacitors. 2016 , 19, 391-400	114
573	High performance electrochemical capacitor materials focusing on nickel based materials. 2016 , 3, 175-202	238
572	Pursuing two-dimensional nanomaterials for flexible lithium-ion batteries. 2016 , 11, 82-97	64
571	Electrospun carbon nanofibers coated with urchin-like ZnCo ₂ O ₄ nanosheets as a flexible electrode material. 2016 , 4, 5958-5964	79
570	Ultrahigh-Power Pseudocapacitors Based on Ordered Porous Heterostructures of Electron-Correlated Oxides. 2016 , 3, 1500319	36
569	Design and Preparation of MnO ₂ /CeO ₂ -MnO ₂ Double-Shelled Binary Oxide Hollow Spheres and Their Application in CO Oxidation. 2016 , 8, 8670-7	114

568	A Hybrid Electrode of CoO@PPy Core/Shell Nanosheet Arrays for High-Performance Supercapacitors. 2016 , 8, 143-150	40
567	Nanostructured nickel-cobalt sulfide grown on nickel foam directly as supercapacitor electrodes with high specific capacitance. 2016 , 173, 317-324	37
566	Mesoporous Co ₃ O ₄ @carbon composites derived from microporous cobalt-based porous coordination polymers for enhanced electrochemical properties in supercapacitors. 2016 , 6, 18465-18470	15
565	Monodispersed plum candy-like MnO ₂ nanosheets-decorated NiO nanostructures for supercapacitors. 2016 , 42, 7787-7792	28
564	Bovine serum albumin assisted synthesis of Fe ₃ O ₄ @C@Mn ₃ O ₄ multilayer core-shell porous spheres as anodes for lithium ion battery. 2016 , 291, 238-243	20
563	Flexible electrodes and supercapacitors for wearable energy storage: a review by category. 2016 , 4, 4659-4685	412
562	Composite Electrodes Made from Carbon Cloth as Supercapacitor Material and Manganese and Cobalt Oxide as Battery One. 2016 , 163, A758-A765	57
561	Facile fabrication of manganese phosphate nanosheets for supercapacitor applications. 2016 , 22, 1461-1469	32
560	Manganous-Manganic Oxide@Carbon Core-Shell Nanorods for Supercapacitors with High Cycle Retention. 2016 , 5, M5-M11	13
559	Facile growth of Bi ₂ MoO ₆ nanosheet arrays on Ni foam as an electrode for electrochemical applications. 2016 , 6, 12093-12099	17
558	High-performance asymmetric supercapacitors based on cobalt chloride carbonate hydroxide nanowire arrays and activated carbon. 2016 , 198, 1-9	45
557	Cu superstructures hydrothermally reduced by leaves and derived Cu ₂ O@Co ₃ O ₄ hybrids for flexible solid-state electrochemical energy storage devices. 2016 , 4, 4840-4847	25
556	Growth of NiCo ₂ O ₄ @MnMoO ₄ Nanocolumn Arrays with Superior Pseudocapacitor Properties. 2016 , 8, 8568-75	91
555	High-quality Porous Cobalt Monoxide Nanowires @ Ultrathin Manganese dioxide Sheets Core-Shell Nanowire Arrays on Ni Foam for High-Performance Supercapacitor. 2016 , 194, 377-384	43
554	Three-dimensional iron oxyhydroxide/reduced graphene oxide composites as advanced electrode for electrochemical energy storage. 2016 , 103, 56-62	22
553	NiCo ₂ S ₄ nanoparticles//activated balsam pear pulp for asymmetric hybrid capacitors. 2016 , 18, 2363-2374	61
552	Spinous Fe ₂ O ₃ hierarchical structures anchored on Ni foam for supercapacitor electrodes and visible light driven photocatalysts. 2016 , 45, 7094-103	50
551	Binder-free NiO@MnO ₂ core-shell electrode: Rod-like NiO core prepared through corrosion by oxalic acid and enhanced pseudocapacitance with sphere-like MnO ₂ shell. 2016 , 189, 83-92	41

550	Nano-Bioelectronics. 2016 , 116, 215-57	426
549	Integrated copper-nickel oxide mesoporous nanowire arrays for high energy density aqueous asymmetric supercapacitors. 2016 , 1, 150-155	83
548	Ambient synthesis of a multifunctional 1D/2D hierarchical Ag ₂ S nanowire/nanosheet heterostructure with diverse applications. 2016 , 18, 930-937	31
547	Flexible all solid state supercapacitor with high energy density employing black titania nanoparticles as a conductive agent. 2016 , 8, 4054-62	48
546	Facile Synthesis of Mesoporous Co ₃ O ₄ /Carbon Nanowires Array Nanocomposite for the Enhanced Lithium Storage. 2016 , 190, 126-133	21
545	A flexible all-solid-state micro-supercapacitor based on hierarchical CuO@layered double hydroxide core-shell nanoarrays. 2016 , 20, 294-304	245
544	Rationally Designed Carbon Fiber@NiCo ₂ O ₄ @Polypyrrole Core-shell Nanowire Array for High-Performance Supercapacitor Electrodes. 2016 , 11, 1650015	25
543	Facile shape control of nano-coaxial Co ₃ O ₄ /TiO ₂ arrays and the effect of the microstructure on lithium storage capability. 2016 , 40, 3536-3542	8
542	Low-cost high-performance asymmetric supercapacitors based on Co ₂ AlO ₄ @MnO ₂ nanosheets and Fe ₃ O ₄ nanoflakes. 2016 , 4, 2096-2104	96
541	Facile synthesis of two-dimensional (2D) nanoporous NiO nanosheets from metal-organic frameworks with superior capacitive properties. 2016 , 40, 1100-1103	20
540	Honeycomb-like NiCo ₂ O ₄ films assembled from interconnected porous nanoflakes for supercapacitor. 2016 , 171, 208-215	13
539	3D self-supported nanopine forest-like Co ₃ O ₄ @CoMoO ₄ core-shell architectures for high-energy solid state supercapacitors. 2016 , 19, 222-233	262
538	Hierarchical NiMoO ₄ nanowire arrays supported on macroporous graphene foam as binder-free 3D anodes for high-performance lithium storage. 2016 , 18, 908-15	71
537	Self-assembly of mesoporous ZnCo ₂ O ₄ nanomaterials: density functional theory calculation and flexible all-solid-state energy storage. 2016 , 4, 568-577	53
536	Hierarchical architectures of Co ₃ O ₄ ultrafine nanowires grown on Co ₃ O ₄ nanowires with fascinating electrochemical performance. 2016 , 40, 377-384	6
535	Soft- to network hard-material for constructing both ion- and electron-conductive hierarchical porous structure to significantly boost energy density of a supercapacitor. 2017 , 485, 137-143	12
534	Electrochemical oxidation of C3 saturated alcohols on Co ₃ O ₄ in alkaline. 2017 , 228, 183-194	32
533	Porous One-Dimensional Nanomaterials: Design, Fabrication and Applications in Electrochemical Energy Storage. <i>Advanced Materials</i> , 2017 , 29, 1602300	24 435

532	Capacitive Performance of Graphene-based Asymmetric Supercapacitor. 2017 , 229, 173-182	23
531	Fabrication of Three-Dimensional Nanoporous Nickel by Dealloying Mg-Ni-Y Metallic Glasses in Citric Acid Solutions for High-Performance Energy Storage. 2017 , 164, A348-A354	12
530	Facile ultrasound assisted synthesis of monodisperse spherical CuMn(OH) 3 NO 3 nanoparticles for energy storage applications. 2017 , 699, 745-750	9
529	Facile synthesis of rod-like manganese molybdate crystallines with two-dimentional nanoflakes for supercapacitor application. 2017 , 225, 605-613	32
528	Synthesis of hierarchical Co3O4@NiCo2O4 core-shell nanosheets as electrode materials for supercapacitor application. 2017 , 700, 247-251	45
527	Freestanding MnO2 nanoflakes on carbon nanotube covered nickel foam as a 3D binder-free supercapacitor electrode with high performance. 2017 , 786, 35-42	26
526	Hierarchical Co3O4@Ni(OH)2 core-shell nanosheet arrays for isolated all-solid state supercapacitor electrodes with superior electrochemical performance. 2017 , 315, 35-45	202
525	Hierarchical Co3O4@ZnWO4 core/shell nanostructures on nickel foam: Synthesis and electrochemical performance for supercapacitors. 2017 , 43, 5095-5101	16
524	Vanadium nitride quantum dot/nitrogen-doped microporous carbon nanofibers electrode for high-performance supercapacitors. 2017 , 344, 1-10	99
523	Nanoporous metal/metal-oxide composite prepared by one-step de-alloying AlNiCoYCu metallic glasses. 2017 , 703, 461-465	16
522	Materials Design and System Construction for Conventional and New-Concept Supercapacitors. 2017 , 4, 1600382	289
521	Design and Fabrication of Petal-Like NiCo2O4@NiMoO4Core/Shell Nanosheet Arrys Electrode for Asymmetric Supercapacitors. 2017 , 164, A482-A489	13
520	Double-shelled tremella-like NiO@Co3O4@MnO2 as a high-performance cathode material for alkaline supercapacitors. 2017 , 343, 76-82	58
519	Pseudocapacitive behaviors of mesoporous nickelcobalt oxide nanoplate electrodes in different electrolyte systems. 2017 , 41, 2124-2130	15
518	High performance asymmetric supercapacitors with ultrahigh energy density based on hierarchical carbon nanotubes@NiO core-shell nanosheets and defect-introduced graphene sheets with hole structure. 2017 , 7, 7843-7856	51
517	Battery-Supercapacitor Hybrid Devices: Recent Progress and Future Prospects. 2017 , 4, 1600539	912
516	Fabrication of a snail shell-like structured MnO2@CoNiO2 composite electrode for high performance supercapacitors. 2017 , 7, 12301-12308	25
515	Engineering hierarchical nanotrees with CuCo2O4 trunks and NiO branches for high-performance supercapacitors. 2017 , 5, 5820-5828	84

514	Synthesis and electrochemical performance of hydrothermally synthesized Co ₃ O ₄ nanostructured particles in presence of urea. 2017 , 708, 628-638	37
513	A novel material NiOOH directly grown on in-situ etched Cu(OH) ₂ nanowire with high performance of electrochemical energy storage. 2017 , 232, 445-455	39
512	Peptide-templated synthesis of branched MnO ₂ nanowires with improved electrochemical performances. 2017 , 7, 12711-12718	18
511	Core-shell ZnCoO@TiO nanowall arrays as anodes for lithium ion batteries. 2017 , 28, 165403	13
510	Self-branched γ -MnO ₂ / δ -MnO ₂ heterojunction nanowires with enhanced pseudocapacitance. 2017 , 4, 415-422	89
509	Facile synthesis of three dimensional flower-like Co ₃ O ₄ @MnO ₂ core-shell microspheres as high-performance electrode materials for supercapacitors. 2017 , 43, 6054-6062	26
508	Hierarchical γ -Fe ₂ O ₃ @MnO ₂ core-shell nanotubes as electrode materials for high-performance supercapacitors. 2017 , 231, 36-43	69
507	Binary Ni-Al sulfide/nickel foam electrodes with hierarchical hyacinth-like structure for supercapacitance performance. 2017 , 705, 652-658	5
506	Co ₃ O ₄ @MnO ₂ core shell arrays on nickel foam with excellent electrochemical performance for aqueous asymmetric supercapacitor. 2017 , 23, 1637-1643	15
505	Flexible full-solid-state supercapacitors based on self-assembly of mesoporous MoSe ₂ nanomaterials. 2017 , 4, 675-682	26
504	An innovative carbon template-induced approach to a graphene-like MnO ₂ nanomesh with enhanced pseudocapacitance performance. 2017 , 5, 9709-9716	10
503	In situ synthesis of cobalt ferrites-embedded hollow N-doped carbon as an outstanding catalyst for elimination of organic pollutants. 2017 , 593-594, 286-296	43
502	Enhance the photoluminescence and radioluminescence of La ₂ Zr ₂ O ₇ :Eu ³⁺ core nanoparticles by coating with a thin Y ₂ O ₃ shell. 2017 , 68, 35-41	18
501	Morphology-controlled synthesis of porous Co ₃ O ₄ nanostructures by in-situ dealloying and oxidation route for application in supercapacitors. 2017 , 28, 9056-9065	5
500	MnO ₂ nanoflakes/cellulose nanofibre aerogel fabricated via ultrasonication for high-performance water desalination. 2017 , 5, 9580-9590	22
499	Facile Growth of Caterpillar-like NiCoS Nanocrystal Arrays on Nickle Foam for High-Performance Supercapacitors. 2017 , 9, 18774-18781	128
498	Three-dimensional ZnFe ₂ O ₄ @MnO ₂ hierarchical core/shell nanosheet arrays as high-performance battery-type electrode materials. 2017 , 720, 86-94	14
497	Three-dimensional Co ₃ O ₄ Nanowire@NiO Nanosheet Core-shell Construction Arrays as Electrodes for Low Charge Transfer Resistance. 2017 , 241, 220-228	17

496	Controlled synthesis of MnO nanosheets vertically covered FeCoO nanoflakes as a binder-free electrode for a high-power and durable asymmetric supercapacitor. 2017 , 28, 235401		20
495	Achieving Ultrahigh Energy Density and Long Durability in a Flexible Rechargeable Quasi-Solid-State Zn-MnO Battery. <i>Advanced Materials</i> , 2017 , 29, 1700274	24	450
494	Ammonium vanadate@polypyrrole@manganese dioxide nanowire arrays with enhanced reversible lithium storage. 2017 , 416, 402-410		11
493	Hollow Ag/MnO Nanostructures with Controllable Shells: Synthesis and Oxygen Reduction Reaction Catalytic Performance. 2017 , 12, 347-354		6
492	Ultrathin and Highly Crystalline Co ₃ O ₄ Nanosheets In Situ Grown on Graphene toward Enhanced Supercapacitor Performance. 2017 , 4, 1600884		27
491	Scalable Integration of Highly Uniform Mn _x Co _{3-x} O ₄ Nanosheet Array onto Ceramic Monolithic Substrates for Low-Temperature Propane Oxidation. 2017 , 9, 4112-4119		25
490	Unique nanopetals of nickel vanadate: crystal structure elucidation and supercapacitive performance. 2017 , 41, 5620-5627		7
489	Preparation of amorphous cobalt/carbon nanofibers composite as binder-free and conductive-free electrode materials for high supercapacitor. 2017 , 28, 12448-12457		8
488	An improvement on capacitive properties of clew-like MnO ₂ by thermal treatment under nitrogen. 2017 , 42, 20016-20025		21
487	High-performance flexible quasi-solid-state Zn/MnO ₂ battery based on MnO ₂ nanorod arrays coated 3D porous nitrogen-doped carbon cloth. 2017 , 5, 14838-14846		196
486	Self-etching NiCo hydroxides@NiCu nanowire arrays with enhancing ultrahigh areal capacitance for flexible thin-film supercapacitors. 2017 , 36, 691-697		8
485	Morphology-Conserved Transformations of Metal-Based Precursors to Hierarchically Porous Micro-/Nanostructures for Electrochemical Energy Conversion and Storage. <i>Advanced Materials</i> , 2017 , 29, 1607015	24	66
484	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. 2017 , 359, 262-269		95
483	Recent advances in hierarchical three-dimensional titanium dioxide nanotree arrays for high-performance solar cells. 2017 , 5, 12699-12717		40
482	Synthesis and electrochemical evaluation of the PANI/PMnO ₂ electrode for high performing asymmetric supercapacitors. 2017 , 41, 6574-6584		40
481	Fabrication of CeO ₂ @MnO ₂ Core/Shell Nanospheres and Their Application in CO Oxidation. 2017 , 12, 1750039		6
480	Deposition of fan-shaped ZnMoO ₄ on ZnCo ₂ O ₄ nanowire arrays for high electrochemical performance. 2017 , 123, 1		6
479	Wrapping Aligned Carbon Nanotube Composite Sheets around Vanadium Nitride Nanowire Arrays for Asymmetric Coaxial Fiber-Shaped Supercapacitors with Ultrahigh Energy Density. 2017 , 17, 2719-2726		233

478	Reusable CoNi _{1-x} dye adsorbents as supercapacitor electrode materials. 2017 , 5, 8095-8107	8
477	Electrochemical synthesis of MnO ₂ porous nanowires for flexible all-solid-state supercapacitor. 2017 , 41, 3750-3757	21
476	Designed construction of hierarchical NiCo ₂ S ₄ @polypyrrole core-shell nanosheet arrays as electrode materials for high-performance hybrid supercapacitors. 2017 , 7, 18447-18455	28
475	Transition metal oxides with one-dimensional/one-dimensional-analogue nanostructures for advanced supercapacitors. 2017 , 5, 8155-8186	317
474	Design and synthesis of CeO ₂ nanowire/MnO ₂ nanosheet heterogeneous structure for enhanced catalytic properties. 2017 , 11, 103-111	21
473	Preparation of CuFeAlO ₄ nanosheets and their catalytic application in methanol steam reforming for hydrogen production. 2017 , 4, 035005	3
472	Hierarchical porous C/MnO ₂ composite hollow microspheres with enhanced supercapacitor performance. 2017 , 5, 8635-8643	139
471	Facile Synthesis of Free-Standing NiO/MnO Core-Shell Nanoflakes on Carbon Cloth for Flexible Supercapacitors. 2017 , 12, 171	34
470	Lithium vanadate nanowires@reduced graphene oxide nanocomposites on titanium foil with super high capacities for lithium-ion batteries. 2017 , 498, 210-216	13
469	Phosphate Ion Functionalized Co O Ultrathin Nanosheets with Greatly Improved Surface Reactivity for High Performance Pseudocapacitors. <i>Advanced Materials</i> , 2017 , 29, 1604167	24 443
468	Construction of MnO ₂ nanowires@Ni _{1-x} CoxOy nanoflake core-shell heterostructure for high performance supercapacitor. 2017 , 694, 1302-1308	19
467	Synthesis and charge storage properties of templated LaMnO-SiO composite materials. 2017 , 46, 977-984	12
466	High-Performance UV-Vis-NIR Phototransistors Based on Single-Crystalline Organic Semiconductor/Gold Hybrid Nanomaterials. 2017 , 27, 1604528	65
465	Facile dip coating processed 3D MnO ₂ -graphene nanosheets/MWNT-Ni foam composites for electrochemical supercapacitors. 2017 , 226, 29-39	35
464	Core/shell microrod arrays of NiO/Co-Fe layered double hydroxides deposited on nickel foam for energy storage and conversion. 2017 , 225, 425-434	38
463	Structure-dependent electrode properties of hollow carbon micro-fibers derived from Platanus fruit and willow catkins for high-performance supercapacitors. 2017 , 5, 2580-2591	50
462	Spaced TiO ₂ nanotube arrays allow for a high performance hierarchical supercapacitor structure. 2017 , 5, 1895-1901	52
461	Self-assembled CoO hexagonal plates by solvent engineering and their dramatically enhanced electrochemical performance. 2017 , 9, 940-946	10

460	Constructing optimized three-dimensional electrochemical interface in carbon nanofiber/carbon nanotube hierarchical composites for high-energy-density supercapacitors. 2017 , 111, 502-512	40
459	NiCo ₂ O ₄ nanostructure-decorated PAN/lignin based carbon nanofiber electrodes with excellent cyclability for flexible hybrid supercapacitors. 2017 , 132, 31-40	61
458	3D nitrogen-doped graphene decorated CoNi ₂ S ₄ @polypyrrole electrode for pseudocapacitor with ultrahigh electrochemical performance. 2017 , 6, 1-10	6
457	Carbon modified transition metal oxides/hydroxides nanoarrays toward high-performance flexible all-solid-state supercapacitors. 2017 , 41, 408-416	86
456	Construction of N-doped carbon@MoSe ₂ core/branch nanostructure via simultaneous formation of core and branch for high-performance lithium-ion batteries. 2017 , 256, 19-27	20
455	Highly Efficient Bifunctional Catalyst of NiCo ₂ O ₄ @NiO@Ni Core/Shell Nanocone Array for Stable Overall Water Splitting. 2017 , 34, 1700228	15
454	Solvothermal synthesis and enhanced photo-electrochemical performance of hierarchically structured strontium titanate micro-particles. 2017 , 46, 14219-14225	11
453	Fabrication of Isomorphous Co ₃ O ₄ @Co ₃ O ₄ Hierarchical Core-Shell Nanoneedles for High-Performance Supercapacitors. 2017 , 2, 9267-9276	6
452	Fabrication of an advanced asymmetric supercapacitor based on a microcubical PB@MnO ₂ hybrid and PANI/GNP composite with excellent electrochemical behaviour. 2017 , 5, 22242-22254	62
451	Urchin-like V ₂ O ₃ /C Hollow Nanosphere Hybrid for High-Capacity and Long-Cycle-Life Lithium Storage. 2017 , 5, 11238-11245	30
450	Hierarchical mesoporous Co ₃ O ₄ /C@MoS ₂ core-shell structured materials for electrochemical energy storage with high supercapacitive performance. 2017 , 233, 101-110	26
449	Fiber-based all-solid-state asymmetric supercapacitors based on Co ₃ O ₄ @MnO ₂ core/shell nanowire arrays. 2017 , 5, 22939-22944	39
448	Design and Synthesis of 3D-Ordered Mesoporous Co ₃ O ₄ Nanostructures for Their Improved Supercapacitance and Photocatalytic Activity. 2017 , 2, 9726-9735	2
447	A pinecone-inspired hierarchical vertically aligned nanosheet array electrode for high-performance asymmetric supercapacitors. 2017 , 5, 23349-23360	30
446	Stacking up layers of polyaniline/carbon nanotube networks inside papers as highly flexible electrodes with large areal capacitance and superior rate capability. 2017 , 5, 19934-19942	70
445	Electrochemical capacitance properties of cobalt oxide entangled over MWCNT and cobalt oxide AC composites. 2017 , 801, 416-424	12
444	MnO nanotubes assembled on conductive graphene/polyester composite fabric as a three-dimensional porous textile electrode for flexible electrochemical capacitors. 2017 , 508, 426-434	16
443	Formation of Dandelion-Like Co ₃ O ₄ /CoWO ₄ Heterojunctions for Enhanced Supercapacitive Performance. 2017 , 4, 3011-3017	13

442	Cobalt Doping To Boost the Electrochemical Properties of Ni@Ni S Nanowire Films for High-Performance Supercapacitors. 2017 , 10, 4056-4065	51
441	Recent developed different structural nanomaterials and their performance for supercapacitor application. 2017 , 9, 300-313	49
440	Binder-free WS ₂ nanosheets with enhanced crystallinity as a stable negative electrode for flexible asymmetric supercapacitors. 2017 , 5, 21460-21466	58
439	Assembling Hollow Cobalt Sulfide Nanocages Array on Graphene-like Manganese Dioxide Nanosheets for Superior Electrochemical Capacitors. 2017 , 9, 35040-35047	84
438	Electrical Energy Storage: Supercapacitors. 2017 , 25-59	
437	All-solid-state asymmetric supercapacitors based on Fe-doped mesoporous CoO and three-dimensional reduced graphene oxide electrodes with high energy and power densities. 2017 , 9, 15423-15433	66
436	A simple wet-chemical synthesis, reaction mechanism, and charge storage application of cobalt oxide electrodes of different morphologies. 2017 , 253, 151-162	13
435	Bimetallic Co-Mn Perovskite Fluorides as Highly-Stable Electrode Materials for Supercapacitors. 2017 , 23, 15305-15311	37
434	Metal-Organic-Framework-Based Materials as Platforms for Renewable Energy and Environmental Applications. 2017 , 1, 77-107	524
433	Recent advances in chemical methods for activating carbon and metal oxide based electrodes for supercapacitors. 2017 , 5, 17151-17173	110
432	Confined growth of uniformly dispersed NiCo ₂ S ₄ nanoparticles on nitrogen-doped carbon nanofibers for high-performance asymmetric supercapacitors. 2017 , 328, 599-608	44
431	High-performance supercapacitors based on conductive graphene combined with Ni(OH) ₂ nanoflakes. 2017 , 7, 36617-36622	19
430	Recent Advances in Designing and Fabricating Self-Supported Nanoelectrodes for Supercapacitors. 2017 , 4, 1700188	122
429	Construction of NiO/MnO ₂ /CeO ₂ hybrid nanoflake arrays as platform for electrochemical energy storage. 2017 , 361, 310-317	24
428	High-performance lithium storage based on the synergy of atomic-thickness nanosheets of TiO ₂ (B) and ultrafine Co ₃ O ₄ nanoparticles. 2017 , 363, 110-116	17
427	Hierarchical CoMn-layered double hydroxide nanowires on nickel foam as electrode material for high-capacitance supercapacitor. 2017 , 729, 866-873	38
426	Conductive Co ₃ O ₄ /graphene (core/shell) quantum dots as electrode materials for electrochemical pseudocapacitor applications. 2017 , 130, 230-235	8
425	Ternary composite Si/TiN/MnO ₂ taper nanorod array for on-chip supercapacitor. 2017 , 248, 397-408	24

4 ²⁴	A fast and mild in-situ oxidization method to fabricate the nickel-cobalt layered double hydroxides on Ni foam as the high-performance electrode materials. 2017 , 10, 1750041	2
4 ²³	Facile preparation of NiFe ₂ O ₄ /MoS ₂ composite material with synergistic effect for high performance supercapacitor. 2017 , 726, 608-617	60
4 ²²	Mn ₃ O ₄ /Ni(OH) ₂ nanocomposite as an applicable electrode material for pseudocapacitors. 2017 , 249, 155-165	28
4 ²¹	Flexible FeO@Carbon Nanofibers Hierarchically Assembled with MnO Particles for High-Performance Supercapacitor Electrodes. 2017 , 7, 15153	37
4 ²⁰	Nanowire-assembled Co ₃ O ₄ @NiCo ₂ O ₄ architectures for high performance all-solid-state asymmetric supercapacitors. 2017 , 5, 24981-24988	64
4 ¹⁹	Nanostructured materials: A progressive assessment and future direction for energy device applications. 2017 , 353, 113-141	29
4 ¹⁸	Omnidirectional Deformable Energy Textile for Human Joint Movement Compatible Energy Storage. 2017 , 9, 41363-41370	11
4 ¹⁷	A flexible asymmetric fibered-supercapacitor based on unique Co ₃ O ₄ @PPy core-shell nanorod arrays electrode. 2017 , 327, 193-201	57
4 ¹⁶	Hierarchical NiCo ₂ O ₄ @NiCoAl-layered double hydroxide core/shell nanoforest arrays as advanced electrodes for high-performance asymmetric supercapacitors. 2017 , 724, 130-138	68
4 ¹⁵	CoCO from one-step micro-emulsion method as electrode materials for Faradaic capacitors. 2017 , 7, 2026	9
4 ¹⁴	Edge Epitaxy of Two-Dimensional MoSe and MoS Nanosheets on One-Dimensional Nanowires. 2017 , 139, 8653-8660	90
4 ¹³	High electrochemical performance asymmetric supercapacitor based on La ₂ O ₃ //Co ₃ O ₄ electrodes. 2017 , 56, 90-98	28
4 ¹²	Facile synthesis of amorphous FeOOH/MnO ₂ composites as screen-printed electrode materials for all-printed solid-state flexible supercapacitors. 2017 , 361, 31-38	53
4 ¹¹	Urchin-like NiCoO nanoneedles grown on mesocarbon microbeads with synergistic electrochemical properties as electrodes for symmetric supercapacitors. 2017 , 46, 9457-9465	23
4 ¹⁰	Designing Sandwiched and Crystallized NiMn ₂ O ₄ /C Arrays for Enhanced Sustainable Electrochemical Energy Storage. 2017 , 5, 196-205	25
4 ⁰⁹	Design and synthesis of ZnO/NiO/Co ₃ O ₄ hybrid nanoflakes as high-performance anode materials for Li-ion batteries. 2017 , 5, 2530-2538	42
4 ⁰⁸	Pseudocapacitive materials for electrochemical capacitors: from rational synthesis to capacitance optimization. 2017 , 4, 71-90	138
4 ⁰⁷	CeO ₂ -Cu ₂ O composite nanofibers: Synthesis, characterization photocatalytic and electrochemical application. 2017 , 28, 230-235	25

406	Interior design engineering of CuS architecture alteration with rise in reaction bath temperature for high performance symmetric flexible solid state supercapacitor. 2017 , 46, 91-102	33
405	Facile synthesis of hierarchical mesoporous NiCo ₂ O ₄ nanoflowers with large specific surface area for high-performance supercapacitors. 2017 , 187, 129-132	27
404	Evolution of Useless Iron Rust into Uniform Fe ₂ O ₃ Nanospheres: A Smart Way to Make Sustainable Anodes for Hybrid NiFe Cell Devices. 2017 , 5, 269-276	33
403	Ni ₃ S ₂ @polypyrrole composite supported on nickel foam with improved rate capability and cycling durability for asymmetric supercapacitor device applications. 2017 , 52, 3642-3656	36
402	Developing a facile method to construct 3D hierarchical CoMoO ₄ @C/MnO ₂ core-shell structure aligned on Ni foam with enhanced pseudocapacitive performances. 2017 , 695, 2109-2116	19
401	Hierarchical mesoporous Ni-P/MnO ₂ composite for high performance supercapacitors. 2017 , 187, 144-147	30
400	Facile one-step synthesis, structural, optical and electrochemical properties of NiCo ₂ O ₄ nanostructures. 2017 , 28, 323-336	17
399	Investigation for the synthesis of hierarchical Co ₃ O ₄ @MnO ₂ nanoarrays materials and their application for supercapacitor. 2017 , 28, 1281-1287	12
398	TiN @NiCo ₂ O ₄ coaxial nanowires as supercapacitor electrode materials with improved electrochemical and wide-temperature performance. 2017 , 692, 605-613	23
397	3D hierarchical CoO/MnO ₂ core-shell nanohybrid for high-energy solid state asymmetric supercapacitors. 2017 , 5, 397-408	69
396	Three-dimensional NiCo ₂ O ₄ @NiWO ₄ core-shell nanowire arrays for high performance supercapacitors. 2017 , 5, 1028-1034	201
395	Porous surface MnO ₂ microspheres as oxidase mimetics for colorimetric detection of sulfite. 2017 , 24, 973-977	17
394	Toward high practical capacitance of Ni(OH) ₂ using highly conductive CoB nanochain supports. 2017 , 5, 92-96	34
393	Supercapacitive performance of homogeneous Co ₃ O ₄ /TiO ₂ nanotube arrays enhanced by carbon layer and oxygen vacancies. 2017 , 21, 1069-1078	14
392	Surface-Charge-Mediated Formation of H-TiO ₂ @Ni(OH) ₂ Heterostructures for High-Performance Supercapacitors. <i>Advanced Materials</i> , 2017 , 29, 1604164	24 169
391	Manganese oxides-based composite electrodes for supercapacitors. 2017 , 207, 012087	5
390	Three-Dimensional Bi-Continuous Nanoporous Gold/Nickel Foam Supported MnO for High Performance Supercapacitors. 2017 , 7, 17857	10
389	Metal-semiconductor core-shell nanomaterials for energy applications. 2017 , 99-132	1

388	Stepwise Splitting Growth and Pseudocapacitive Properties of Hierarchical Three-Dimensional Co ₃ O ₄ Nanobooks. 2017 , 7,	6
387	Hierarchical MnO ₂ Microspheres In-Situ Coated with Carbon for Supercapacitors with Highly Enhanced Performances. 2017 , 7,	9
386	A Critical Review of Spinel Structured Iron Cobalt Oxides Based Materials for Electrochemical Energy Storage and Conversion. 2017 , 10, 1787	33
385	Electrolytes in Metal Oxide Supercapacitors. 2017 , 49-78	2
384	Preparation, characterization, and photoluminescence property of core-shell (BiO) ₂ CO ₃ @Bi ₂ S ₃ nanowires. 2018 , 211, 65-71	5
383	Millimeter-Long Vertically Aligned Carbon-Nanotube- Supported Co ₃ O ₄ Composite Electrode for High-Performance Asymmetric Supercapacitor. 2018 , 5, 1394-1400	26
382	Hollow Structural Transition Metal Oxide for Advanced Supercapacitors. 2018 , 5, 1701509	62
381	Electrophoretic deposition of mixed copper oxide/GO as cathode and N-doped GO as anode for electrochemical energy storage. 2018 , 268, 392-402	6
380	Hierarchical NiO@NiCo ₂ O ₄ Core-shell Nanosheet Arrays on Ni Foam for High-Performance Electrochemical Supercapacitors. 2018 , 57, 6246-6256	52
379	Three dimensional carbon-bubble foams with hierarchical pores for ultra-long cycling life supercapacitors. 2018 , 29, 275706	7
378	3D hierarchical CoWO ₄ /Co ₃ O ₄ nanowire arrays for asymmetric supercapacitors with high energy density. 2018 , 347, 291-300	123
377	A facile one-step hydrothermal approach to synthesize hierarchical core-shell NiFeO@NiFeO nanosheet arrays on Ni foam with large specific capacitance for supercapacitors.. 2018 , 8, 15222-15228	24
376	Preparation and properties of MnO ₂ @TiO ₂ nanotube array composite electrodes using titanium foam as the current collector. 2018 , 43, 8859-8867	16
375	Controllable morphologies of Co ₃ O ₄ @MnO ₂ core-shell structure grown on nickel foam and their supercapacitor behavior. 2018 , 277, 19-24	16
374	In Situ Activation of 3D Porous Bi/Carbon Architectures: Toward High-Energy and Stable Nickel-Bismuth Batteries. <i>Advanced Materials</i> , 2018 , 30, e1707290	24 106
373	Hierarchically-structured Co ₃ O ₄ nanowire arrays grown on carbon nanotube fibers as novel cathodes for high-performance wearable fiber-shaped asymmetric supercapacitors. 2018 , 447, 795-801	30
372	Cobalt-Nickel Oxides with Three-Dimensional Hexagon Films for High Performance Supercapacitors. 2018 , 13, 1850032	1
371	Mesoporous NiCo ₂ O ₄ nanoneedle arrays as supercapacitor electrode materials with excellent cycling stabilities. 2018 , 5, 835-843	88

370	TiO ₂ @Co ₃ O ₄ Core-Shell Nanorods: Bifunctional Role in Better Energy Storage and Electrochromism. 2018 , 1, 790-798	65
369	Synthesis of porous MnO ₂ -CoO microsheets and nanocones as a high-performance battery-type capacitive material. 2018 , 101, 123-131	2
368	Construction of 3D polypyrrole/CoS/graphene composite electrode with enhanced pseudocapacitive performance. 2018 , 24, 2689-2696	1
367	Electrochemical, top-down nanostructured pseudocapacitive electrodes for enhanced specific capacitance and cycling efficiency. 2018 , 10, 3663-3672	7
366	Scalable Synthesis of Triple-Core-Shell Nanostructures of TiO ₂ @MnO ₂ @C for High Performance Supercapacitors Using Structure-Guided Combustion Waves. 2018 , 14, e1703755	40
365	Structural Directed Growth of Ultrathin Parallel Birnessite on β -MnO ₂ for High-Performance Asymmetric Supercapacitors. 2018 , 12, 1033-1042	364
364	MnF ₂ -Ni and MnCO ₃ -Ni derived from the same raw materials for high-performance supercapacitor. 2018 , 215, 125-128	5
363	Hierarchical porous flower-like nickel cobaltite nanosheets as a binder-less electrode for supercapacitor application with ultra-high capacitance. 2018 , 61, 181-187	19
362	Boosted crystalline/amorphous Fe ₂ O ₃ -ZnO core/shell heterostructure for flexible solid-state pseudocapacitors in large scale. 2018 , 45, 390-397	167
361	Architecture of Co-layered double hydroxide nanocages/graphene composite electrode with high electrochemical performance for supercapacitor. 2018 , 27, 507-512	31
360	General Synthesis and Lithium Storage Properties of Metal Oxides/MnO ₂ Hierarchical Hollow Hybrid Spheres. 2018 , 35, 1700336	4
359	Cellular Structure Fabricated on Ni Wire by a Simple and Cost-Effective Direct-Flame Approach and Its Application in Fiber-Shaped Supercapacitors. 2018 , 11, 985-993	11
358	Simple synthesis of core-shell structure of Co ₃ O ₄ @carbon-nanotube-incorporated nitrogen-doped carbon for high-performance supercapacitor. 2018 , 261, 537-547	133
357	Facile synthesis of hierarchical porous ZnMn ₂ O ₄ rugby-balls on Ni foam for lithium-ion batteries with enhanced electrochemical properties. 2018 , 740, 28-35	17
356	Hierarchical core-shell Co ₃ O ₄ /graphene hybrid fibers: potential electrodes for supercapacitors. 2018 , 53, 6116-6123	15
355	Ni ₂ P ₂ O ₇ Nanorods with Decorated C ₃ N ₄ Nanosheets as Efficient Electrode for Supercapacitors. 2018 , 1, 2016-2023	26
354	Hierarchical NiCo ₂ O ₄ @Co-Fe LDH core-shell nanowire arrays for high-performance supercapacitor. 2018 , 451, 280-288	125
353	Construction of NiCo ₂ O ₄ @MnO ₂ nanosheet arrays for high-performance supercapacitor: Highly cross-linked porous heterostructure and worthy electrochemical double-layer capacitance contribution. 2018 , 749, 900-908	40

352	Ionic liquid (IL) capped MnO ₂ nanoparticles as an electrode material and IL as electrolyte for supercapacitor application. 2018 , 126, 437-444	10
351	CoO nanowire@NiO nanosheet arrays for high performance asymmetric supercapacitors. 2018 , 47, 5687-5694	55
350	Synthesis of ordered Ni/NiO nanocables for electrochemical capacitor application. 2018 , 20, 1	5
349	Successive Interfacial Reaction-Directed Synthesis of CeO@Au@CeO-MnO Environmental Catalyst with Sandwich Hollow Structure. 2018 , 10, 11595-11603	25
348	Achieving highly practical capacitance of MnO by using chain-like CoB alloy as support. 2018 , 10, 7813-7820	19
347	Plumage-like MnO ₂ @NiCo ₂ O ₄ core-shell architectures for high-efficiency energy storage: the synergistic effect of ultralong MnO ₂ scaffold and ultrathin NiCo ₂ O ₄ fluff. 2018 , 24, 3227-3235	3
346	Rational design of hybrid Co ₃ O ₄ /graphene films: Free-standing flexible electrodes for high performance supercapacitors. 2018 , 259, 338-347	64
345	A non-polarity flexible asymmetric supercapacitor with nickel nanoparticle@ carbon nanotube three-dimensional network electrodes. 2018 , 11, 75-82	62
344	New Insights into the Operating Voltage of Aqueous Supercapacitors. 2018 , 24, 3639-3649	154
343	Ultrafine nano-network structured bacterial cellulose as reductant and bridging ligands to fabricate ultrathin K-birnessite type MnO ₂ nanosheets for supercapacitors. 2018 , 433, 419-427	44
342	Electrochemical Behaviour of Lithium, Sodium and Potassium Ion Electrolytes in a Na _{0.33} V ₂ O ₅ Symmetric Pseudocapacitor with High Performance and High Cyclic Stability. 2018 , 5, 101-111	43
341	Rational design of template-free MnO _x -CeO ₂ hollow nanotube as de-NO _x catalyst at low temperature. 2018 , 428, 924-932	50
340	Three-dimensional TiO ₂ nanowire@NiMoO ₄ ultrathin nanosheet core-shell arrays for lithium ion batteries. 2018 , 435, 641-648	24
339	Titanium Disulfide Coated Carbon Nanotube Hybrid Electrodes Enable High Energy Density Symmetric Pseudocapacitors. <i>Advanced Materials</i> , 2018 , 30, 1704754	24 76
338	Self-Template Synthesis of Hybrid Porous Co O -CeO Hollow Polyhedrons for High-Performance Supercapacitors. 2018 , 13, 111-117	35
337	Hierarchically Structured Ni Nanotube Array-Based Integrated Electrodes for Water Splitting. 2018 , 6, 2069-2077	24
336	Mesoporous layered hexagonal platelets of CoO nanoparticles with (111) facets for battery applications: high performance and ultra-high rate capability. 2018 , 10, 1779-1787	36
335	Preparation and supercapacitive properties of hierarchical ZnCo ₂ O ₄ @Ni ₃ S ₂ core/shell nanowire arrays on Ni foam. 2018 , 213, 222-226	7

- 334 Core/shell NiB@NiCo composite with micro-/nanostructure for supercapacitor. **2018**, 53, 3647-3660 17
- 333 Hybrid NiO@CuO mesoporous nanowire array with abundant oxygen vacancies and a hollow structure as a high-performance asymmetric supercapacitor. **2018**, 6, 21131-21142 91
- 332 An advanced sandwich-type architecture of MnCo₂O₄@Ni@MnO₂ as an efficient electrode material for a high-energy density hybrid asymmetric solid-state supercapacitor. **2018**, 6, 24509-24522 64
- 331 One-pot growth of Co(OH) nanowire bundle arrays on in situ functionalized carbon cloth for robust flexible supercapacitor electrodes. **2018**, 47, 15416-15423 14
- 330 A Procedure for Evaluating the Capacity Associated with Battery-Type Electrode and Supercapacitor-Type One in Composite Electrodes. **2018**, 165, A4034-A4040 28
- 329 One-Step Synthesis of Mesoporous Chlorine-Doped Carbonated Cobalt Hydroxide Nanowires for High-Performance Supercapacitors Electrode. **2018**, 13, 415 14
- 328 Hierarchical Flowerlike 3D nanostructure of CoO@MnO/N-doped Graphene oxide (NGO) hybrid composite for a high-performance supercapacitor. **2018**, 8, 16543 49
- 327 Free-standing WS₂-MWCNTs hybrid paper integrated with polyaniline for high-performance flexible supercapacitor. **2018**, 20, 1 17
- 326 Recent Advances of Cobalt-Based Electrocatalysts for Oxygen Electrode Reactions and Hydrogen Evolution Reaction. **2018**, 8, 559 66
- 325 Metal-Organic Framework Template-Directed Fabrication of Well-Aligned Pentagon-like Hollow Transition-Metal Sulfides as the Anode and Cathode for High-Performance Asymmetric Supercapacitors. **2018**, 10, 42621-42629 51
- 324 Nickel/cobalt based materials for supercapacitors. **2018**, 29, 1731-1740 50
- 323 Recent Progress of MXene-Based Nanomaterials in Flexible Energy Storage and Electronic Devices. **2018**, 1, 183-195 87
- 322 Ionic Liquid-Controlled Growth of NiCo S 3D Hierarchical Hollow Nanorod Arrays on Ni Foam for Superior Performance Binder Free Hybrid Supercapacitors. **2019**, 15, e1804318 21
- 321 Controlled-Size Hollow Magnesium Sulfide Nanocrystals Anchored on Graphene for Advanced Lithium Storage. **2018**, 12, 12741-12750 21
- 320 Si and Ge based metallic core/shell nanowires for nano-electronic device applications. **2018**, 8, 16885 14
- 319 Characterisations of carbon-fenced conductive silver nanowires-supported hierarchical polyaniline nanowires. **2018**, 292, 435-445 11
- 318 Advanced metal-organic frameworks (MOFs) and their derived electrode materials for supercapacitors. **2018**, 402, 281-295 99
- 317 Synthesis and Supercapacitance of Co₃O₄ Supported on Porous Carbon Derived from Wheat Flour. **2018**, 7, M161-M165 5

316	Biodegradable nanoprobe based on MnO nanoflowers and graphene quantum dots for near infrared fluorescence imaging of glutathione in living cells. 2018 , 185, 485	28
315	Quasi-parallel arrays with a 2D-on-2D structure for electrochemical supercapacitors. 2018 , 6, 24717-24727	37
314	Successful synthesis of interconnected Co _{0.85} Se nanosheets with high pore volume and its electrochemical performance in supercapacitors. 2018 , 29, 20564-20572	3
313	/Polyaniline/MWCNT Nanocomposite as High-Performance Electrode for Supercapacitor. 2018 , 122, 27180-27190	60
312	Geometrically intricate sheet-on-pillar/flake hierarchy embracing cobaltosic and manganese oxides over flexible carbon scaffold for binder-free high-energy-density supercapacitor. 2018 , 20, 6183-6196	9
311	Advanced binder-free electrodes based on CoMnO@CoO core/shell nanostructures for high-performance supercapacitors.. 2018 , 8, 31594-31602	20
310	Engineering two-dimensional layered nanomaterials for wearable biomedical sensors and power devices. 2018 , 2, 1944-1986	42
309	In situ synthesis of mesoporous Co ₃ O ₄ nanorods anchored on reduced graphene oxide nanosheets as supercapacitor electrodes. 2018 , 710, 188-192	14
308	Advanced Functional Carbons and Their Hybrid Nanoarchitectures towards Supercapacitor Applications. 2018 , 11, 3546-3558	56
307	In situ fabrication of cellular architecture on silver metals using methane/oxygen gas mixture and its application for energy storage. 2018 , 280, 25-32	4
306	Propylamine-containing magnetic ethyl-based organosilica with a core-shell structure: an efficient and highly stable nanocatalyst. 2018 , 42, 10741-10750	13
305	A strongly cooperative spinel nanohybrid as an efficient bifunctional oxygen electrocatalyst for oxygen reduction reaction and oxygen evolution reaction. 2018 , 236, 413-419	63
304	Rational Design of Hierarchically Core-Shell Structured Ni S @NiMoO Nanowires for Electrochemical Energy Storage. 2018 , 14, e1800791	74
303	Effect of surfactant structure on charge storage properties in Co ₃ O ₄ Based electrodes. 2018 , 823, 121-127	4
302	Efficient utilization of oxygen-vacancies-enabled NiCo ₂ O ₄ electrode for high-performance asymmetric supercapacitor. 2018 , 279, 269-278	35
301	Synthesis of a MnS/Ni S composite with nanoparticles coated on hexagonal sheet structures as an advanced electrode material for asymmetric supercapacitors.. 2018 , 8, 17754-17763	15
300	All-printed ultraflexible and stretchable asymmetric in-plane solid-state supercapacitors (ASCs) for wearable electronics. 2018 , 397, 59-67	52
299	Facile synthesis of hexagonal single-crystalline ZnCo ₂ O ₄ nanosheet arrays assembled by mesoporous nanosheets as electrodes for high-performance electrochemical capacitors and gas sensors. 2018 , 457, 1103-1109	14

298	Review Advent of TiO ₂ Nanotubes as Supercapacitor Electrode. 2018 , 165, E345-E358	30
297	General ion-exchanged method synthesized 3D heterostructured MCo ₂ O ₄ /Co ₃ O ₄ nanocomposites (M= Mn, Fe, Ni, Cu and Zn). 2018 , 766, 796-803	5
296	Pushing the cycling stability limit of hierarchical metal oxide core/shell nanoarrays pseudocapacitor electrodes by nanoscale interface optimization. 2018 , 10, 14352-14358	10
295	Metal Organic Framework Derived Core/Shell Structured Co ₉ S ₈ @N ₂ Nanocubes for Supercapacitor. 2018 , 1, 3513-3520	44
294	One-pot synthesis of graphite/MnO ₂ hybrids and electrochemical supercapacitor performance on different substrates. 2018 , 29, 13681-13686	2
293	Transition-Metal Oxides Anchored on Nitrogen-Enriched Carbon Ribbons for High-Performance Pseudocapacitors. 2018 , 24, 16104-16112	18
292	Ni ₃ S ₂ nanorods and three-dimensional reduced graphene oxide electrodes-based high-performance all-solid-state flexible asymmetric supercapacitors. 2018 , 458, 656-664	14
291	Hierarchical mesoporous flower-like ZnCo ₂ O ₄ @NiO nanoflakes grown on nickel foam as high-performance electrodes for supercapacitors. 2018 , 284, 128-141	32
290	One-Dimensional Integrated MnS@Carbon Nanoreactors Hybrid: An Alternative Anode for Full-Cell Li-Ion and Na-Ion Batteries. 2018 , 10, 27911-27919	38
289	Synergistic effect of Co ₃ O ₄ @C/MnO ₂ nanowire heterostructures for high-performance asymmetry supercapacitor with long cycle life. 2018 , 283, 1087-1094	31
288	Improving the Surface Area and Loading Mass of MnO _x Based Electrode Materials. 2018 , 49-61	
287	Hierarchical three-dimensional manganese doped cobalt phosphide nanowire decorated nanosheet cluster arrays for high-performance electrochemical pseudocapacitor electrodes. 2018 , 54, 9234-9237	51
286	Fractal (Ni ₉ Co ₁) ₉ Se ₈ Nanodendrite Arrays with Highly Exposed () Surface for Wearable, All-Solid-State Supercapacitor. 2018 , 8, 1801392	134
285	A Novel Hierarchical Porous 3D Structured Vanadium Nitride/Carbon Membranes for High-performance Supercapacitor Negative Electrodes. 2018 , 10, 63	37
284	Fe doped MnO ₂ nanoneedles as advanced supercapacitor electrodes. 2018 , 44, 18770-18775	28
283	Synthesis of La and Ce Mixed MnO ₂ Nanostructure/rGO Composite for Supercapacitor Applications. 2018 , 5, 2218-2227	16
282	Manganese-Oxide-Based Electrode Materials for Energy Storage Applications: How Close Are We to the Theoretical Capacitance?. <i>Advanced Materials</i> , 2018 , 30, e1802569	24 68
281	Three-dimensional spongy framework as superlyophilic, strongly absorbing, and electrocatalytic polysulfide reservoir layer for high-rate and long-cycling lithium-sulfur batteries. 2018 , 11, 6436-6446	29

280	Elastic sandwich-type GaN/MnO ₂ /MnON composites for flexible supercapacitors with high energy density. 2018 , 6, 13215-13224	30
279	Constructing T-Nb ₂ O ₅ @Carbon hollow core-shell nanostructures for high-rate hybrid supercapacitor. 2018 , 396, 88-94	28
278	Hierarchical FeS/RGO/FeS@Fe foil as high-performance negative electrode for asymmetric supercapacitors. 2018 , 5, 1912-1922	19
277	A 3D petal-like Ni ₃ S ₂ /CoNi ₂ S ₄ hybrid grown on Ni foam as a binder-free electrode for energy storage. 2018 , 2, 1791-1798	25
276	A biomimetic Setaria viridis-inspired electrode with polyaniline nanowire arrays aligned on MoO ₃ @polypyrrole core-shell nanobelts. 2018 , 6, 13428-13437	34
275	2D graphdiyne materials: challenges and opportunities in energy field. 2018 , 61, 765-786	89
274	Organic Nanostructures on Inorganic Ones: An Efficient Electrochromic Display by Design. 2018 , 1, 3715-3723	28
273	Review and prospect of NiCo ₂ O ₄ -based composite materials for supercapacitor electrodes. 2019 , 31, 54-78	178
272	Design and understanding of dendritic mixed-metal hydroxide nanosheets@N-doped carbon nanotube array electrode for high-performance asymmetric supercapacitors. 2019 , 16, 632-645	170
271	Mesoporous NiCo ₂ O ₄ nanoneedles@MnO ₂ nanoparticles grown on nickel foam for electrode used in high-performance supercapacitors. 2019 , 31, 167-177	26
270	Facile one-step hydrothermal synthesis of PEDOT:PSS/MnO ₂ nanorod hybrids for high-rate supercapacitor electrode materials. 2019 , 25, 685-695	16
269	All ternary metal selenide nanostructures for high energy flexible charge storage devices. 2019 , 65, 103999	94
268	MnCo ₂ S ₄ /FeCo ₂ S ₄ @lipid arrays on a hollow N-doped carbon skeleton as flexible electrodes for hybrid supercapacitors. 2019 , 7, 20778-20789	44
267	Cobalt Hydroxide Carbonate/Reduced Graphene Oxide Anodes Enabled by a Confined Step-by-Step Electrochemical Catalytic Conversion Process for High Lithium Storage Capacity and Excellent Cyclability with a Low Variance Coefficient. 2019 , 11, 33091-33101	12
266	Synthesis of Co/SnO ₂ core-shell nanowire arrays and their electrochemical performance as anodes of lithium-ion batteries. 2019 , 25, 4651-4658	4
265	In-situ synthesis of heterojunction TiO ₂ /MnO ₂ nanostructure with excellent performance in vacuum ultraviolet photocatalytic oxidation of toluene. 2019 , 259, 118034	30
264	Highly Reversible Lithium Storage of Nitrogen-Doped Carbon@MnO Hierarchical Hollow Spheres as Advanced Anode Materials. 2019 , 6, 3994-4001	9
263	One-pot synthesis of branched CuInSe ₂ nanowires based on solution-liquid-solid method and their implementation in photovoltaic devices. 2019 , 523, 125152	4

262	The high performance of polyaniline-gel network modified electrode in 3-(2,2,6,6-tetramethyl-piperidyl)-1-methylimidazoliumbromide biredox electrolyte used for supercapacitor. 2019 , 434, 226745	6
261	Mixed solvent exfoliated transition metal oxides nanosheets based flexible solid state supercapacitor devices endowed with high energy density. 2019 , 43, 12385-12395	23
260	Nanoporous structure synthesized by selective phase dissolution of AlCoCrFeNi high entropy alloy and its electrochemical properties as supercapacitor electrode. 2019 , 437, 226927	25
259	Morphological evolution process of MnO ₂ from 2-D to 1-D without phase transition. 2019 , 21, 4593-4598	8
258	Polyvinyl pyrrolidone-induced assembly of NiCo-LDHs nanosheets: A facile method for fabricating three-dimensional flower-like microspheres with excellent supercapacitor performance. 2019 , 110, 107587	4
257	Metallic porous nitride single crystals at two-centimeter scale delivering enhanced pseudocapacitance. 2019 , 10, 4727	18
256	Electrocatalytic activity of MnO ₂ nanosheet array-decorated carbon paper as superior negative electrode for vanadium redox flow batteries. 2019 , 322, 134754	45
255	Nanostructured pseudocapacitors with pH-tunable electrolyte for electrochromic smart windows. 2019 , 66, 104200	11
254	Electrochemical performance of heterogeneous, mesopores and non-centrosymmetric Core@shell NiCo ₂ O ₄ @MnO ₂ nanocomposites and its MWCNT blended complex for supercapacitor applications. 2019 , 280, 121013	10
253	Fabrication of nanoporous NiO@CoO composites by dealloying method as ultra-high capacitance electrodes. 2019 , 30, 20311-20319	2
252	Porous Thin-Wall Hollow Co ₃ O ₄ Spheres for Supercapacitors with High Rate Capability. 2019 , 9, 4672	10
251	Hydrothermally Synthesized CuCo ₂ S ₄ Nanosheets as an Easily Accessible and Convenient Heterogeneous Catalyst for the Sonogashira Cross-Coupling Reactions. 2019 , 6,	1
250	Hierarchical LiFe ₅ O ₈ @PPy core-shell nanocomposites as electrode materials for supercapacitors. 2019 , 470, 1043-1052	32
249	Construction of NiCoO nanosheet-decorated leaf-like CoO nanoarrays from metal-organic framework for high-performance hybrid supercapacitors. 2019 , 48, 14156-14163	54
248	Atomic layer deposition of thin films as model electrodes: A case study of the synergistic effect in Fe ₂ O ₃ -SnO ₂ . 2019 , 37, 050904	5
247	NiCo ₂ S ₄ nanosheet-modified hollow Cu-Co-O nanocomposites as asymmetric supercapacitor advanced electrodes with excellent performance. 2019 , 497, 143725	18
246	Heterojunction NiCo(OH)/Ni(OH) ₂ nanorods arrays on Ni foam with high utilization rate and excellent structure stability for high-performance supercapacitor. 2019 , 9, 12727	13
245	Preparation and enhanced capacitive behavior of Ni-ZnO nanocomposite as electrode for supercapacitor. 2019 , 9, 361-370	4

- 244 Remarkable enhancement of the electrochemical properties of Co₃O₄ nanowire arrays by in situ surface derivatization of an amorphous phosphate shell. **2019**, 7, 1678-1686 29
- 243 Assembling laminated films via the synchronous reduction of graphene oxide and formation of copper-based metal organic frameworks. **2019**, 7, 107-111 20
- 242 Carbon-coated MoO nanoclusters anchored on RGO sheets as high-performance electrodes for symmetric supercapacitors. **2018**, 48, 285-295 22
- 241 Porous cobalt oxides/carbon foam hybrid materials for high supercapacitive performance. **2019**, 542, 102-111 10
- 240 Enhanced electrochemical performance of MnO₂/NiO nanocomposite for supercapacitor electrode with excellent cycling stability. **2019**, 30, 5222-5232 25
- 239 Crystal structure of nickel manganese-layered double hydroxide@cobalt oxide on nickel foam towards high-performance supercapacitors. **2019**, 21, 470-477 56
- 238 3D heterostructured cobalt oxide@layered double hydroxide core-shell networks on nickel foam for high-performance hybrid supercapacitor. **2018**, 48, 150-157 15
- 237 In situ generated 3D hierarchical Co₃O₄@MnO₂ core-shell hybrid materials: self-assembled fabrication, morphological control and energy applications. **2019**, 7, 5967-5980 16
- 236 Construction of 3D Si@Ti@TiN thin film arrays for aqueous symmetric supercapacitors. **2019**, 55, 1402-1405 19
- 235 Hierarchical FeO@carbon@MnO hybrid for electromagnetic wave absorber. **2019**, 553, 465-474 89
- 234 Formation of high-performance Cu-WO_x@C tribasic composite electrode for aqueous symmetric supercapacitor. **2019**, 13, 239-248 12
- 233 Cu-Doped Porous Carbon Derived from Heavy Metal-Contaminated Sewage Sludge for High-Performance Supercapacitor Electrode Materials. **2019**, 9, 9
- 232 Yolk-shell Prussian blue analogues hierarchical microboxes: Controllably exposing active sites toward enhanced cathode performance for lithium ion batteries. **2019**, 319, 237-244 14
- 231 Porous ZnO/CoO/N-doped carbon nanocages synthesized via pyrolysis of complex metal-organic framework (MOF) hybrids as an advanced lithium-ion battery anode. **2019**, 75, 969-978 6
- 230 Simple Synthesis of Flower-like Manganese Dioxide Nanostructures on Cellulose Nanocrystals for High-Performance Supercapacitors and Wearable Electrodes. **2019**, 7, 11823-11831 29
- 229 Activating and Converting CH₄ to CH₃OH via the CuPdO₂/CuO Nanointerface. **2019**, 9, 6938-6944 22
- 228 Highly Uniform MnCo₂O₄ Hollow Spheres-Based All-Solid-State Asymmetric Micro-Supercapacitor via a Simple Metal-Glycerate Precursor Approach. **2019**, 7, 1900314 15
- 227 Two dimensional farnatinitite sheets decorated on reduced graphene oxide: A novel electrode for high performance supercapacitors. **2019**, 433, 126648 22

226	Hierarchical assembly of manganese dioxide nanosheets on one-dimensional titanium nitride nanofibers for high-performance supercapacitors. 2019 , 552, 712-718	16
225	Boosting the Energy Density of Flexible Solid-State Supercapacitors via Both Ternary NiV ₂ Se ₄ and NiFe ₂ Se ₄ Nanosheet Arrays. 2019 , 31, 4490-4504	87
224	One-Dimensional Nanostructured Pseudocapacitive Materials: Design, Synthesis and Applications in Supercapacitors. 2019 , 2, 820-841	63
223	Well-Aligned Hierarchical Graphene-Based Electrodes for Pseudocapacitors with Outstanding Low-Temperature Stability. 2019 , 6, 2788-2795	11
222	Grown Carbon Nanotubes on Electrospun Carbon Nanofibers as a 3D Carbon Nanomaterial for High Energy Storage Performance. 2019 , 4, 5437-5458	11
221	MnO ₂ nanosheet-coated Co ₃ O ₄ complex for 1.4 V extra-high voltage supercapacitors electrode material. 2019 , 431, 48-54	33
220	Bimetallic NiCoS Nanoneedles Anchored on Mesocarbon Microbeads as Advanced Electrodes for Asymmetric Supercapacitors. 2019 , 11, 35	56
219	Facile Green Route to Ni/Co Oxide Nanoparticle Embedded 3D Graphitic Carbon Nanosheets for High Performance Hybrid Supercapacitor Devices. 2019 , 2, 3389-3399	44
218	Robust NiCo ₂ O ₄ /Superactivated Carbon Aqueous Supercapacitor with High Power Density and Stable Cyclability. 2019 , 6, 2536-2545	6
217	Cobalt oxide-based nanoarchitectures for electrochemical energy applications. 2019 , 103, 596-677	97
216	Scalable Wire-Type Asymmetric Pseudocapacitor Achieving High Volumetric Energy/Power Densities and Ultralong Cycling Stability of 100 000 Times. 2019 , 6, 1802067	42
215	Symmetric Supercapacitors Based on MnOOH-Coated Nanoporous Carbon toward High Energy-Storage Performance. 2019 , 6, 2302-2307	6
214	A dual-modal nanoprobe based on Eu(iii) complex-MnO nanosheet nanocomposites for time-gated luminescence-magnetic resonance imaging of glutathione in vitro and in vivo. 2019 , 11, 6784-6793	11
213	Simple and Cost-Effective Approach To Dramatically Enhance the Durability and Capability of a Layered MnO ₂ Based Electrode for Pseudocapacitors: A Practical Electrochemical Test and Mechanistic Revealing. 2019 , 2, 2743-2750	11
212	Rationally design of 2D branched Ni(OH) ₂ /MnO ₂ hybrid hierarchical architecture on Ni foam for high performance supercapacitors. 2019 , 307, 310-317	32
211	Functional graphene film macroscopic assemblies for flexible supercapacitor application. 2019 , 1168, 022071	1
210	One-pot synthesis Ni-Cu sulfide on Ni foam with novel three-dimensional prisms/spheres hierarchical structure for high-performance supercapacitors. 2019 , 275, 95-102	8
209	Misfit-layered cobaltite Ca ₃ Co ₄ O ₉ +δs a new electrode for supercapacitor with excellent cycling stability. 2019 , 792, 357-364	3

208	Self-supported core/shell Co ₃ O ₄ @Ni ₃ S ₂ nanowires for high-performance supercapacitors. 2019 , 311, 221-229	42
207	Construction of hierarchical NiCo ₂ S ₄ nanotube@NiMoO ₄ nanosheet hybrid arrays as advanced battery-type electrodes for hybrid supercapacitors. 2019 , 43, 7065-7073	14
206	Simultaneous Electrochemical Deposition of Cobalt Complex and Poly(pyrrole) Thin Films for Supercapacitor Electrodes. 2019 , 9, 5650	24
205	Unusual formation of NiCoO@MnO/nickel foam/MnO sandwich as advanced electrodes for hybrid supercapacitors. 2019 , 48, 7403-7412	17
204	Oxygen vacancies modulation in graphene/MnO _x composite for high performance supercapacitors. 2019 , 569, 10-17	13
203	Freestanding hierarchical nickel molybdate@reduced graphene oxide@nickel aluminum layered double hydroxides nanoarrays assembled from well-aligned uniform nanosheets as binder-free electrode materials for high performance supercapacitors. 2019 , 544, 46-52	35
202	Achieving Ultrahigh Capacity with Self-Assembled Ni(OH) ₂ Nanosheet-Decorated Hierarchical Flower-like MnCoO Nanoneedles as Advanced Electrodes of Battery-Supercapacitor Hybrid Devices. 2019 , 11, 9984-9993	57
201	Hollow CoO@MnO Cubic Derived From ZIF-67@Mn-ZIF as Electrode Materials for Supercapacitors. 2019 , 7, 831	17
200	Polyoxometalate Metal-Organic Frameworks: Keggin Clusters Encapsulated into Silver-Triazole Nanocages and Open Frameworks with Supercapacitor Performance. 2019 , 58, 16028-16039	22
199	The NH ₄ F-induced morphology control of hierarchical CoO@MnO ₂ core-shell arrays for high performance supercapacitor electrodes. 2019 , 21, 7468-7475	15
198	Rational design of ultrathin 2D tin nickel selenide nanosheets for high-performance flexible supercapacitors. 2019 , 7, 24462-24476	23
197	Directly grown nanostructured electrodes for high-power and high-stability alkaline nickel/bismuth batteries. 2019 , 62, 487-496	21
196	All-Solid-State Flexible Asymmetric Supercapacitors Fabricated by the Binder-Free Hydrophilic Carbon Cloth@MnO ₂ and Hydrophilic Carbon Cloth@Polypyrrole Electrodes. 2019 , 5, 1800721	28
195	Coaxial-cable hierarchical tubular MnO@FeO@C heterostructures as advanced anodes for lithium-ion batteries. 2019 , 30, 094002	3
194	Manganese dioxide/ reduced graphene oxide composite an electrode material for high-performance solid state supercapacitor. 2019 , 299, 34-44	56
193	Synthesis, characterization and electrochemical performance of DNA-templated Bi ₂ MoO ₆ nanoplates for supercapacitor applications. 2019 , 90, 225-235	31
192	Electrode based on nanoporous (Co-Ni)@(CoO,NiO) nanocomposites with ultrahigh capacitance after activation. 2019 , 778, 239-246	8
191	Recent Advancement in the Fabrication of Energy Storage Devices for Miniaturized Electronics. 2019 , 215-240	2

190	Iron molybdate and manganese dioxide microrods as a hybrid structure for high-performance supercapacitor applications. 2019 , 45, 4009-4015	12
189	Advanced sodium-ion pseudocapacitor performance of oxygen-implanted hard carbon derived from carbon spheres. 2019 , 54, 4124-4134	9
188	Layer-by-layer in situ growth flexible polyaniline/graphene paper wrapped by MnO ₂ nanoflowers for all-solid-state supercapacitor. 2019 , 111, 267-276	27
187	Synthesis of hollow NiO nanostructures and their application for supercapacitor electrode. 2019 , 25, 697-705	16
186	Preparation of La _{0.7} Sr _{0.3} CoO ₃ - δ (LSC)@MnO ₂ core/shell nanorods as high-performance electrode materials for supercapacitors. 2019 , 30, 17-25	12
185	High flexibility and large energy density asymmetric fibered-supercapacitor based on unique NiCo ₂ O ₄ @MnO ₂ core-shell nanobrush arrays electrode. 2019 , 295, 532-539	17
184	A bi-functional configuration for a metal-oxide film supercapacitor. 2019 , 409, 1-5	25
183	High-Voltage Supercapacitors Based on Aqueous Electrolytes. 2019 , 6, 976-988	79
182	Chemically synthesized nanoflakes-like NiCo ₂ S ₄ electrodes for high-performance supercapacitor application. 2019 , 466, 822-829	52
181	Review on Nanoarchitected Current Collectors for Pseudocapacitors. 2019 , 3, 1800341	28
180	Strategies and insights towards the intrinsic capacitive properties of MnO ₂ for supercapacitors: Challenges and perspectives. 2019 , 57, 459-472	144
179	Highly stable and redox property-enabled tricopper dimolybdate nanostructures for electrochemical supercapacitors. 2019 , 471, 795-802	10
178	Designing a Copper- and Silver-Sulfide Composite with Co ₃ O ₄ for High-Performance Electrochemical Supercapacitors. 2019 , 6, 522-534	6
177	High performance electrospun Li-functionalized sulfonated poly(ether ether ketone)/PVA based nanocomposite gel polymer electrolyte for solid-state electric double layer capacitors. 2019 , 534, 672-682	24
176	Review of the use of transition-metal-oxide and conducting polymer-based fibres for high-performance supercapacitors. 2020 , 186, 108199	232
175	Three dimensional NiS ₂ /Ni(OH) ₂ /CNT nanostructured assembly for supercapacitor and oxygen evolution reaction. 2020 , 812, 152126	25
174	Synergetic design of enlarged surface area and pseudo-capacitance for fiber-shaped supercapacitor yarn. 2020 , 67, 104198	28
173	Colloidal oxide-based heterostructured nanocrystals. 2020 , 401-470	0

172	Fabrication of hybrid CoMoO ₄ /NiMoO ₄ nanosheets by chitosan hydrogel assisted calcinations method with high electrochemical performance. 2020 , 93, 131-141	7
171	Novel hierarchically branched CoC ₂ O ₄ @CoO/Co composite arrays with superior lithium storage performance. 2020 , 24, 362-372	19
170	Fabrication of rod-like NiMoO ₄ /CoMoO ₄ for application in asymmetric supercapacitors. 2020 , 26, 393-401	4
169	Enhancing catalytic CH ₄ oxidation over Co ₃ O ₄ /SiO ₂ core-shell catalyst by substituting Co ²⁺ with Mn ²⁺ . 2020 , 42, 82-92	1
168	Mechanically robust 3D hierarchical electrode via one-step electro-codeposition towards molecular coupling for high-performance flexible supercapacitors. 2020 , 67, 104275	17
167	Integrated Conductive Hybrid Architecture of Metal-Organic Framework Nanowire Array on Polypyrrole Membrane for All-Solid-State Flexible Supercapacitors. 2020 , 10, 1901892	97
166	Electrode material of core-shell hybrid MoS ₂ @C/CNTs with carbon intercalated few-layer MoS ₂ nanosheets. 2020 , 16, 100379	16
165	Birnessite based nanostructures for supercapacitors: challenges, strategies and prospects. 2020 , 2, 37-54	29
164	High-performance flexible freestanding polypyrrole-coated CNF film electrodes for all-solid-state supercapacitors. 2020 , 24, 533-544	19
163	Enhanced pseudocapacitive energy storage properties of budding-branch like MoO ₃ @C/CNT nanorods. 2020 , 49, 1637-1645	8
162	High-performance hybrid microsupercapacitors based on Co/Mn layered double hydroxide nanosheets. 2020 , 334, 135590	13
161	Effect of ruthenium based catalyst loading on the electrochemical properties of carbon xerogel. 2020 , 739, 136947	1
160	Ultra-long lifespan asymmetrical hybrid supercapacitor device based on hierarchical NiCoP@C@LDHs electrode. 2020 , 334, 135589	40
159	Facile preparation of porous Co ₃ O ₄ nanocubes for directly screen-printing an ultrasensitive glutamate biosensor microchip. 2020 , 306, 127587	12
158	MnO encapsulated electrospun TiO nanofibers as electrodes for asymmetric supercapacitors. 2020 , 31, 125401	21
157	The preparation of Co ₃ O ₄ @MnO ₂ hierarchical nano-sheets for high-output potential supercapacitors. 2020 , 364, 137265	18
156	Facile sonochemical synthesis of strontium phosphate based materials for potential application in supercapattery devices. 2020 , 45, 32331-32342	6
155	One-step direct fabrication of manganese oxide electrodes by low-temperature thermal decomposition of manganese formate-amine ink for supercapacitors. 2020 , 262, 114754	0

154	Synergistic effects of nanocarbon spheres sheathed on a binderless CoMoO electrode for high-performance asymmetric supercapacitor. 2020 , 49, 14506-14519	10
153	Manganesoxide with rich oxygen vacancies based on plasma modification for high performance supercapacitors. 2020 , 603, 125254	3
152	Interconnected two-dimensional MnO ₂ nanosheets anchored on three-dimensional porous Cu skeleton as a high-performance cathode for energy storage. 2020 , 529, 147152	3
151	FeNiS _x @MoS ₂ Heterostructure: A Bioinspired Nonprecious Electrocatalyst for the Hydrogen Evolution Reaction in Acidic and Basic Media. 2020 , 7, 3324-3335	7
150	Ultra-long cycle life and binder-free manganese-cobalt oxide supercapacitor electrodes through photonic nanostructuring.. 2020 , 10, 40234-40243	6
149	Label-Free and Sensitive Determination of Cadmium Ions Using a Ti-Modified CoO-Based Electrochemical Aptasensor. 2020 , 10,	3
148	⌘Ni(OH) ₂ nanosheets coating on 3D flower-like ⌘Ni(OH) ₂ as high-performance electrodes for asymmetric supercapacitor and Ni/MH battery. 2020 , 849, 156616	12
147	Preparation and characterization of Ni _{0.6} CoxMn _{2.4} ⌘O ₄ (0.2 ⌘ 1.4) NTC ceramics with low resistivity and high B value. 2020 , 31, 15345-15351	3
146	Heteroaggregation of Neutral and Charged Nanoparticles: A Potential Method of Making Core⌘hell Nanohybrids through Self-Assembly. 2020 , 124, 19282-19288	
145	CoMoO/bamboo charcoal hybrid material for high-energy-density and high cycling stability supercapacitors. 2020 , 49, 10799-10807	18
144	Application of MOFs-derived mixed metal oxides in energy storage. 2020 , 878, 114576	13
143	Regulating the Coordination of Co sites in Co O /MnO Compounding for Facilitated Oxygen Reduction Reaction. 2020 , 13, 6613-6620	1
142	Non-selective synthesis and controllable transformation of parallel MnO ₂ with hydrogen ions. 2020 , 22, 6101-6105	3
141	Three-Dimensional Nitrogen-Doped Graphitic Carbon-Encapsulated MnO-Co Heterostructure: A Bifunctional Energy Storage Material for Zn-Ion and Zn⌘ir Batteries. 2020 , 3, 10108-10118	8
140	In-plane ⌘Co(OH)/CoO hybrid nanosheets for flexible all-solid-state thin-film supercapacitors with high electrochemical performance. 2020 , 12, 24251-24258	6
139	Synergistic effect of hierarchical nanopores in Co-doped cobalt oxide 3D flowers for electrochemical energy storage.. 2020 , 10, 43825-43833	3
138	Construction of hierarchical Cu ₂ +1O@NiCoAl-layered double hydroxide nanorod arrays electrode for high-performance supercapacitor. 2020 , 835, 155321	16
137	Hydrogen peroxide-induced growth of hierarchical NiS nanorod/sheet arrays for high performance supercapacitors. 2020 , 575, 168-176	18

136	Intercalation pseudocapacitance in electrochemical energy storage: recent advances in fundamental understanding and materials development. 2020 , 7, 100072	36
135	Nanostructured manganese dioxide with adjustable Mn ³⁺ /Mn ⁴⁺ ratio for flexible high-energy quasi-solid supercapacitors. 2020 , 396, 125342	20
134	Biotemplate Synthesis of Fe ₃ O ₄ /Polyaniline for Supercapacitor. 2020 , 30, 101554	9
133	A hybrid NiCoO@NiMoO structure for overall water splitting and excellent hybrid energy storage. 2020 , 49, 9668-9679	10
132	Two-Step Synthesis of CuS/C@PANI Nanocomposite as Advanced Electrode Materials for Supercapacitor Applications. 2020 , 10,	10
131	CoO Nanosheets Preferentially Growing (220) Facet with a Large Amount of Surface Chemisorbed Oxygen for Efficient Oxidation of Elemental Mercury from Flue Gas. 2020 , 54, 8601-8611	24
130	Research Progress on Porous Carbon Supported Metal/Metal Oxide Nanomaterials for Supercapacitor Electrode Applications. 2020 , 59, 6347-6374	63
129	Characterization methods for supercapacitors. 2020 , 315-372	
128	Yolk-shelled Sn@C@MnO hierarchical hybrid nanospheres for high performance lithium-ion batteries. 2020 , 829, 154579	14
127	Observation of morphology resembling Hydrangea macrophylla flower in SILAR-deposited MFeO (M=Co, Ni, Mn) nanocrystallites: synergetic effect on electrochemical performance. 2020 , 31, 415402	9
126	NiCo-Based Nanowire Arrays with Hierarchical Core-Shell Structure Electrodes for High-Performance Supercapacitors. 2020 , 3, 7580-7587	4
125	Asymmetric Pseudocapacitors Based on Interfacial Engineering of Vanadium Nitride Hybrids. 2020 , 10,	11
124	Template Synthesis of a Heterostructured MnO ₂ @SnO ₂ Hollow Sphere Composite for High Asymmetric Supercapacitor Performance. 2020 , 3, 7284-7293	15
123	Synthesis of Three-Dimensional Nanocarbon Hybrids by Chemical Vapor Deposition. 2020 ,	
122	Engineering MoS ₂ Nanosheets on Spindle-Like Fe ₂ O ₃ as High-Performance Core-Shell Pseudocapacitive Anodes for Fiber-Shaped Aqueous Lithium-Ion Capacitors. 2020 , 30, 2003967	30
121	Three-Dimensional Core-Branch FeO@NiO/Carbon Cloth Heterostructured Electrodes for Flexible Supercapacitors. 2019 , 7, 887	7
120	Morphology Design of Co-electrospinning MnO-VN/C Nanofibers for Enhancing the Microwave Absorption Performances. 2020 , 12, 13208-13216	41
119	Orthorhombic Mo ₃ N ₂ nanobelts with improved electrochemical properties as electrode material for supercapacitors. 2020 , 16, 102941	3

118	Self-supported core-shell heterostructure MnO ₂ /NiCo-LDH composite for flexible high-performance supercapacitor. 2020 , 824, 153929	27
117	3D porous nickel nanosheet arrays as an advanced electrode material for high energy hybrid supercapacitors. 2020 , 864, 114118	5
116	Modifications of MXene layers for supercapacitors. 2020 , 73, 104734	74
115	Design of molybdenum disulfide@polypyrrole compsite decorated with FeO and superior electromagnetic wave absorption performance. 2020 , 572, 227-235	48
114	Electrochemical energy storage of NiO/NiFe ₂ O ₄ nanosheets derived from Ni-Fe layered double hydroxides. 2020 , 22, 1	3
113	Morphological features, dielectric and thermal properties of epoxy/copper cobaltite nanocomposites: preparation and characterization. 2020 , 43, 1	1
112	MOF-reinforced Co ₉ S ₈ self-supported nanowire arrays for highly durable and flexible supercapacitor. 2020 , 346, 136201	20
111	Facile and Cost-Effective CTAB Templated Hydrothermal Synthesis and Characterization of MgCo ₂ O ₄ Electrode Material for Supercapacitor Application. 2021 , 31, 251-260	3
110	Hierarchical core-shell Ag@Ni(OH) ₂ @PPy nanowire electrode for ultrahigh energy density asymmetric supercapacitor. 2021 , 405, 126984	28
109	Deep eutectic solvent-assisted in-situ synthesis of nanosheet-packed NiS porous spheres on Ni foam for high-performance supercapacitors. 2021 , 583, 594-604	6
108	Construction of hierarchical structure of Co ₃ O ₄ electrode based on electrospinning technique for supercapacitor. 2021 , 853, 157271	20
107	Redox-additive electrolyte-driven enhancement of the electrochemical energy storage performance of asymmetric Co ₃ O ₄ //carbon nano-onions supercapacitors. 2021 , 218, 119436	15
106	Review on Current Progress of MnO ₂ -Based Ternary Nanocomposites for Supercapacitor Applications. 2021 , 8, 291-336	20
105	Surface Engineering in Mesoporous Single Crystal to Enhance Pseudocapacitance. 2021 , 31, 2008900	1
104	Interface-modulated uniform outer nanolayer: A category of electrodes of nanolayer-encapsulated core-shell configuration for supercapacitors. 2021 , 81, 105667	18
103	Fabrication of electrochemically-modified BiVO ₄ -MoS ₂ -CoO composite film for bisphenol A degradation. 2021 , 102, 341-351	7
102	Multi-dimensionally hierarchical self-supported Cu@Cu ₂ O@Co ₃ O ₄ heterostructure enabling superior lithium-ion storage and electrocatalytic oxygen evolution. 2021 , 405, 126699	9
101	Cross-Section Auger Analysis to Study the Bulk Organization/Structure of Mn-Co Nano-Composites for Hybrid Supercapacitors. 2021 , 168, 010508	2

100	Laser fabrication of hybrid electrodes composed of nanocarbons mixed with cerium and manganese oxides for supercapacitive energy storage. 2021 , 9, 1192-1206		4
99	A review on the recent advances in hybrid supercapacitors. 2021 , 9, 15880-15918		81
98	Recent progress and applications of niobium-based nanomaterials and their composites for supercapacitors and hybrid ion capacitors. 2021 , 5, 3039-3083		1
97	Recent advances in engineered metal oxide nanostructures for supercapacitor applications: experimental and theoretical aspects. 2021 , 9, 17643-17700		19
96	Progress of Metal Chalcogenides in Supercapacitors. 2021 , 424-424		4
95	A novel sodium-ion supercabattery based on vacancy defective Ni _{1-x} Co _x Mn ternary perovskite fluoride electrode materials. 2021 , 9, 14276-14284		6
94	Cobalt-Doped Manganese Dioxide Hierarchical Nanostructures for Enhancing Pseudocapacitive Properties. 2021 , 6, 5717-5729		7
93	Mercury Removal from Flue Gas by Noncarbon Sorbents. 2021 , 35, 3581-3610		21
92	Surface and Interface Engineering of Nanoarrays toward Advanced Electrodes and Electrochemical Energy Storage Devices. <i>Advanced Materials</i> , 2021 , 33, e2004959	24	44
91	An enhancement on supercapacitor properties of porous CoO nanowire arrays by microwave-assisted regulation of the precursor. 2021 , 32, 195707		2
90	Nano-mediated uniform ternary Cu _{1-x} Co _x Ni-based nitrogen-doped carbon nanotubes with synergistic reactivity for high-performance oxygen reduction. 2021 , 2, 010026		1
89	Work Function Tuning in Hydrothermally Synthesized Vanadium-Doped MoO ₃ and Co ₃ O ₄ Mesostructures for Energy Conversion Devices. 2021 , 11, 2016		4
88	A novel flexible wire-shaped supercapacitor with enhanced electrochemical performance based on hierarchical Co(OH) ₂ @Ni(OH) ₂ decorated porous dendritic Ni film/Ni wire. 2021 , 856, 158101		7
87	Surface-oxidation-mediated construction of Ppy@VNO/NG core-shell host targeting highly capacitive and durable negative electrode for supercapacitors. 2021 , 64, 2148-2162		2
86	Nanosilver-Promoted Trimetallic Ni _{1-x} Co _x Mn Perovskite Fluorides for Advanced Aqueous Supercabatteries with Pseudocapacitive Multielectrons Phase Conversion Mechanisms. 2021 , 31, 2101353		11
85	Recent advances of layered-transition metal oxides for energy-related applications. 2021 , 36, 514-550		28
84	Hydrothermal growth of ZnO/GO hybrid as an efficient electrode material for supercapacitor applications. 2021 , 195, 113708		7
83	Vacant Manganese-Based Perovskite Fluorides@Reduced Graphene Oxides for Na-Ion Storage with Pseudocapacitive Conversion/Insertion Dual Mechanisms. 2021 , 27, 9954-9960		0

82	Regulating the core/shell electric structure of CoO@Ni-Co layered double hydroxide on Ni foam through electrodeposition for a quasi-solid-state supercapacitor. 2021 , 32,	0
81	A review on recent advances in hierarchically porous metal and metal oxide nanostructures as electrode materials for supercapacitors and non-enzymatic glucose sensors. 2021 , 25, 101228	10
80	Solid-state synthesis and superior electrochemical performance of MnMoO ₄ nanorods for asymmetric supercapacitor. 2021 , 47, 16316-16323	7
79	¶MnO ₂ nanotube@¶MnO ₂ nanoflake hierarchical structure on three-dimensional graphene foam as a lightweight and free-standing supercapacitor electrode. 2021 , 865, 158934	11
78	Three-Dimensional Hierarchical Core/shell Electrodes Using Highly Conformal TiO and CoO Thin Films for High-Performance Supercapattery Devices. 2021 , 13, 29058-29069	6
77	Carbon Nanofibers-Assembled Tungsten Oxide as Unique Hybrid Electrode Materials for High-Performance Symmetric Supercapacitors. 2021 , 35, 11572-11579	3
76	Compulsive malposition of birnessite slab in 2D-Parallel birnessite on ¶MnO ₂ networks for enhanced pseudocapacitance performances. 2021 ,	
75	Petal-like CoMoO Clusters Grown on Carbon Cloth as a Binder-Free Electrode for Supercapacitor Application. 2021 , 6, 19616-19622	1
74	An oxidation-nitridation-denitridation approach to transform metal solids into foams with adjustable pore sizes for energy applications. 2021 , 66, 1525-1532	5
73	Enhanced optical nonlinearity in ¶MnO ₂ nanowire network decorated with Ag nanoparticles. 2021 , 118, 111226	3
72	Flower-like NiMn-layered double hydroxide microspheres coated on biomass-derived 3D honeycomb porous carbon for high-energy hybrid supercapacitors. 2021 , 166, 113472	8
71	MOF-derived Fe ₂ O ₃ decorated with MnO ₂ nanosheet arrays as anode for high energy density hybrid supercapacitor. 2021 , 417, 129243	27
70	A review of zinc-based battery from alkaline to acid. 2021 , 11, 100149	12
69	Fabrication of MOF-derived mixed metal oxides with carbon residues for pseudocapacitors with long cycle life. 1	6
68	Enhancing electrochemical performance of electrode material via combining defect and heterojunction engineering for supercapacitors. 2021 , 599, 68-78	6
67	Ultrathin perylene imide nanosheet with fast charge transfer enhances photocatalytic performance. 2021 , 298, 120585	7
66	Chapter 3:Synthesis of Carbon Nanotube/Graphene Hybrids by Chemical Vapor Deposition. 2021 , 53-76	
65	Supercapattery driven electrolyzer both empowered by the same superb electrocatalyst.	2

64	Interface engineering of heterojunction photocatalysts based on 1D nanomaterials. 2021 , 11, 27-42	21
63	Rational design of flower-like Co-Zn LDH@Co(HPO) heterojunctions as advanced electrode materials for supercapacitors. 2021 , 50, 4643-4650	4
62	Nanostructured Transition Metal Oxides Produced by Electrodeposition for Application as Redox Electrodes for Supercapacitors. 2016 , 681-714	4
61	A facile strategy of in-situ anchoring of Co ₃ O ₄ on N doped carbon cloth for an ultrahigh electrochemical performance. 2021 , 14, 2410	12
60	High-performance asymmetric supercapacitors based on polyoxometalate-graphene nanohybrids. 2016 , 18, 84-89	10
59	The integrated nanostructure of bimetallic CoNi-based zeolitic imidazolate framework and carbon nanotubes as high-performance electrochemical supercapacitors. 2021 , 608, 1257-1267	4
58	Co ₃ O ₄ /MnO ₂ Core/Shell-Nanostructured Pseudocapacitor Electrode. 2014 , 35, 2541-2543	
57	Metal Oxide-Based Nanostructure Arrays for Electrochemical Energy Storage Devices. 2015 ,	
56	Introduction. 2018 , 1-29	
55	Carbon cloth supported Co _{1-x} Ni _x WO ₄ nanostructures for high-performance electrochemical capacitor electrodes. 2020 , 845, 155654	0
54	Enhancing the electrochemical capacitor performance of Keggin polyoxometalates by anchoring cobalt-triazole complexes. 2022 , 1250, 131753	1
53	In-situ design of porous vanadium nitride@carbon nanobelts: a promising material for high-performance asymmetric supercapacitors. 2021 , 151734	8
52	Facile synthesis of novel Zn ₅ Mo ₂ O ₁₁ ·H ₂ O nanoflowers with excellent rate capability in supercapacitors. 2022 , 520, 230816	0
51	Urea-mediated Synthesized Carbon Quantum Dots to Tune the Electrochemical Performance of Polyaniline Nanorods for Supercapacitor Device. 2021 ,	3
50	Facile stepwise hydrothermal synthesis of hierarchical CoMoO ₄ /CoMoO ₄ core/shell dandelion-like nanoarrays: A promising binder-free positive electrode for high-performance asymmetric supercapacitors. 2021 , 904, 115934	2
49	Sandwich-like Nitrogen-Doped Porous Carbon Nanosheet/MnO ₂ Nanosheet Composites for Asymmetric Supercapacitors.	0
48	Selective CO gas sensing by Au-decorated WS ₂ -SnO ₂ core-shell nanosheets on flexible substrates in self-heating mode. 2021 , 131197	1
47	Enhancing Energy Storage Capacity of Graphene Supercapacitors via Solar Heating.	4

46	Hierarchical CoNb ₂ O ₆ @CoOOH core-shell composite on carbon fabric for aqueous supercapacitor anode with high capacitance and super-long life. 2022 , 406, 139845	0
45	Synthesis of Ni(Co)MoO ₄ with a mixed structure on nickel foam for stable asymmetric supercapacitors. 2022 , 900, 163502	2
44	TiO ₂ nanoflowers@Au@MnO ₂ core-shell composite based on modified Ti foil for flexible supercapacitor electrode. 2022 , 407, 139866	3
43	Enabling methanol oxidation by an interacting hybrid nanosystem of spinel CoO nanoparticle decorated MXenes.. 2022 ,	3
42	Pseudocapacitive Co-Free Trimetallic Ni-Zn-Mn Perovskite Fluorides Enable Fast-Rechargeable Zn-Based Aqueous Batteries. 2112469	1
41	Synthesis of the carbon-optimized integrated cobalt-based electrode for high cycle performance supercapacitors. 2022 , 906, 164158	0
40	Enhanced in tuning of photochemical and electrochemical responses of inorganic metal oxide nanoparticles via rGO frameworks (MO/rGO): A comprehensive review. 2022 , 278, 115632	1
39	Roughening the surface of porous NiCoP rod-like arrays the growth of NiCoPO nanoislands enables highly efficient energy storage.. 2022 ,	0
38	Synthesis of three-dimensional multifunctional Co ₃ O ₄ nanostructures for electrochemical supercapacitors and H ₂ production. 1	0
37	A bulk Ba ₂ Co ₃ F ₁₀ electrode: three-dimensional ion tunnels facilitate atomic-scale redox toward high-performance electrochemical capacitors. 2022 , 438, 135522	0
36	PbS nanoparticles anchored 1D- CdSe nanowires: Core-shell design towards energy storage supercapacitor application. 2022 , 906, 164323	2
35	A novel hybridized needle-like Co ₃ O ₄ /N-CNO composite for superior energy storage asymmetric supercapacitors. 2022 , 908, 164447	3
34	Utilization of Greenhouse Gases for Syngas Production by Dry Reforming Process Using Reduced BaNiO ₃ Perovskite as a Catalyst. 2021 , 13, 13855	
33	Facial Synthesis of Fe ₃ O ₄ /PPy CoreShell Composite Electrode Material for Boosted Supercapacity.	1
32	Table_1.docx. 2019 ,	
31	Presentation_1.pdf. 2020 ,	
30	Data_Sheet_1.PDF. 2019 ,	
29	Rare Earth-Based Nanomaterials for Supercapacitors: Preparation, Structure Engineering and Application.. 2022 ,	2

28	Supercapacitors for Short-term, High Power Energy Storage. 2022 , 71-98	0
27	Synthesis of High-Quality Two-Dimensional V2C MXene for Supercapacitor Application. 2022 , 15, 3696	1
26	Preparation of three-dimensional Co3O4@NiMoO4 nanorods as electrode materials for supercapacitors. 2022 , 288, 126419	0
25	Micro/Nano Energy Storage Devices Based on Composite Electrode Materials. 2022 , 12, 2202	0
24	Self-standing ultrathin NiCo2S4@carbon nanotubes and carbon nanotubes hybrid films as battery-type electrodes for advanced flexible supercapacitors. 2022 , 543, 231829	2
23	Redox-active conjugated microporous polymers as electron-accepting organic pseudocapacitor electrode materials for flexible energy storage.	2
22	Interface interaction of Ag-CeO2-Co3O4 facilitate ORR/OER activity for Zn-air battery. 2022 , 33, 102270	1
21	Supramolecular iron phthalocyanine organic polymer with robust built-in electric field and shorter migration distance for photocatalytic pollutant degradation and antibacterial. 2022 , 301, 122026	0
20	Emerging two-dimensional nanostructured manganese-based materials for electrochemical energy storage: recent advances, mechanisms, challenges, and prospects.	3
19	Material Design and Energy Storage Mechanism of Mn-Based Cathodes for Aqueous Zinc-Ion Batteries.	0
18	Hydrothermal synthesis of CuO@MnO2 on nitrogen-doped multiwalled carbon nanotube composite electrodes for supercapacitor applications. 2022 , 12,	1
17	Honeycomb-like MgCo2O4@ZnCo Layered Double Hydroxide as Novel Electrode Material for High-Performance All-Solid-State Supercapacitors. 2022 , 155661	0
16	Benchmarking the charge storage mechanism in nickel cobalt sulfide nanosheets anchored on carbon nanocoils/carbon nanotubes nano-hybrid for high performance supercapacitor electrode. 2022 , 56, 106041	0
15	Construction of hollow mesoporous PPy microsphere nanostructures coated with MnO2 nanosheet as high-performance electrodes for supercapacitors. 2023 , 928, 117074	0
14	Three dimensional FeCo2O4@MnO2 core-shell nanocomposites for integrated solid-state asymmetric supercapacitors. 2023 , 111230	0
13	Selectivity of Oxygen Evolution Reaction on Carbon Cloth-Supported MnO2 Nanosheets in Electrolysis of Real Seawater. 2023 , 28, 854	0
12	Optical limiting behavior of metal (Mn, W) oxides decorated nitrogen-doped reduced graphene oxide nanocomposites stimulated by two-photon absorption. 2023 , 139, 113776	0
11	Activated cashew carbon-manganese oxide based electrodes for supercapacitor applications. 2023 , 20, e01647	0

- 10 Electrodepositing NiCo-double hydroxides with high electrochemical performance by adjusting the rheological behavior of electrolyte. **2023**, 63, 106946 ○
- 9 Cobalt-based electroactive compounds: synthesis and their electrochemical and pseudocapacitance performance. **2023**, 34, ○
- 8 Interface Engineering of Core/Shell Structured Co₃O₄@Ni(OH)₂ Nanowires for Energy Storage Device. **2022**, 17, 1315-1321 ○
- 7 Recent Progress in Co₃O₄-Based Nanomaterials for Supercapacitors. ○
- 6 One-dimensional nanostructured electrode materials based on electrospinning technology for supercapacitors. **2023**, 134, 109803 ○
- 5 Negative electrodes for supercapacitors with good performance using conductive bismuth-catecholate metal-organic frameworks. **2023**, 52, 4826-4834 ○
- 4 Synthesis and electrochemical performance of ultrafine hierarchical S-doped MnNi LDH-MWCNTs as highly efficient hybrid cathode for flexible asymmetric supercapacitors. ○
- 3 Bioengineered Bacterial Flagella-Templated in Situ Green Synthesis of Polycrystalline Co₃O₄ Nanowires for Gram-Negative Antibacterial Applications. **2023**, 6, 5703-5711 ○
- 2 Recent Advances of Sustainable Electrode Materials for Supercapacitor Devices. **2023**, 145-158 ○
- 1 Electrochemical Performance of Chemically Integrated N-Doped Carbon Dots/Bi₂MoO₆ Nanocomposites for Symmetric Supercapacitors. ○