

Hierarchically Structured Ni₃S₂ High Performance Cathode Materials for Asymmetric S

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Ni ₃ S ₂ @MoS ₂ core/shell nanorod arrays on Ni foam for high-performance electrochemical energy storage. <i>Nano Energy</i> , 2014, 7, 151-160.	8.2	245
4	Nanostructured cobalt sulfide-on-fiber with tunable morphology as electrodes for asymmetric hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16190-16198.	5.2	191
5	Partial Ion-Exchange of Nickel-Sulfide-Derived Electrodes for High Performance Supercapacitors. <i>Chemistry of Materials</i> , 2014, 26, 3418-3426.	3.2	311
6	Facile synthesis of a reduced graphene oxide/cobalt sulfide hybrid and its electrochemical capacitance performance. <i>RSC Advances</i> , 2014, 4, 29216-29222.	1.7	37
7	High performance supercapacitor based on Ni ₃ S ₂ /carbon nanofibers and carbon nanofibers electrodes derived from bacterial cellulose. <i>Journal of Power Sources</i> , 2014, 272, 137-143.	4.0	142
8	Flexible Cellulose Paper-based Asymmetrical Thin Film Supercapacitors with High Performance for Electrochemical Energy Storage. <i>Advanced Functional Materials</i> , 2014, 24, 7093-7101.	7.8	38
9	Carbon coated nickel sulfide/reduced graphene oxide nanocomposites: facile synthesis and excellent supercapacitor performance. <i>Electrochimica Acta</i> , 2014, 146, 525-532.	2.6	50
10	A facile one-step route to RGO/Ni ₃ S ₂ for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2014, 144, 100-110.	2.6	76
11	High energy and power density asymmetric supercapacitors using electrospun cobalt oxide nanowire anode. <i>Journal of Power Sources</i> , 2014, 270, 526-535.	4.0	113
12	Hierarchical nickel sulfide/carbon nanotube nanocomposite as a catalytic material toward triiodine reduction in dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2014, 270, 499-505.	4.0	36
13	High electrochemical performance in asymmetric supercapacitors using MWCNT/nickel sulfide composite and graphene nanoplatelets as electrodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16723-16730.	5.2	64
14	One-Step Electrodeposited Nickel Cobalt Sulfide Nanosheet Arrays for High-Performance Asymmetric Supercapacitors. <i>ACS Nano</i> , 2014, 8, 9531-9541.	7.3	687
15	Facile synthesis of Co ₃ O ₄ porous nanosheets/reduced graphene oxide composites and their excellent supercapacitor performance. <i>RSC Advances</i> , 2014, 4, 53180-53187.	1.7	68
16	3D Ni ₃ S ₂ nanosheet arrays supported on Ni foam for high-performance supercapacitor and non-enzymatic glucose detection. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15111.	5.2	329
17	High-performance NiCo ₂ O ₄ @Ni ₃ S ₂ core/shell mesoporous nanothorn arrays on Ni foam for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17595-17601.	5.2	120
18	Graphene-templated growth of hollow Ni ₃ S ₂ nanoparticles with enhanced pseudocapacitive performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19214-19220.	5.2	56
19	Nanostructured metal sulfides for energy storage. <i>Nanoscale</i> , 2014, 6, 9889-9924.	2.8	888
20	One pot hydrothermal growth of hierarchical nanostructured Ni ₃ S ₂ on Ni foam for supercapacitor application. <i>Chemical Engineering Journal</i> , 2014, 251, 116-122.	6.6	287

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21	Pulse-reversal electropolymerization of polypyrrole on functionalized carbon nanotubes as composite counter electrodes in dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2014, 137, 721-727.	2.6	20
22	Asymmetric supercapacitor based on graphene oxide/polypyrrole composite and activated carbon electrodes. <i>Electrochimica Acta</i> , 2014, 137, 26-33.	2.6	193
23	A review of electrolyte materials and compositions for electrochemical supercapacitors. <i>Chemical Society Reviews</i> , 2015, 44, 7484-7539.	18.7	2,723
24	Improved supercapacitive charge storage in electrospun niobium doped titania nanowires. <i>RSC Advances</i> , 2015, 5, 50087-50097.	1.7	18
25	Design and synthesis of Ni-MOF/CNT composites and rGO/carbon nitride composites for an asymmetric supercapacitor with high energy and power density. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13874-13883.	5.2	436
26	Poly(3,4-ethylenedioxythiophene)/nickel disulfide microspheres hybrid in energy storage and conversion cells. <i>RSC Advances</i> , 2015, 5, 99164-99178.	1.7	10
27	Interconnected NiS nanosheets supported by nickel foam: Soaking fabrication and supercapacitors application. <i>Journal of Electroanalytical Chemistry</i> , 2015, 739, 156-163.	1.9	141
28	High Energy Density Asymmetric Supercapacitor Based on NiOOH/Ni ₃ S ₂ /3D Graphene and Fe ₃ O ₄ /Graphene Composite Electrodes. <i>Scientific Reports</i> , 2014, 4, 7274.	1.6	174
29	High performance asymmetric supercapacitors using electrospun copper oxide nanowires anode. <i>Journal of Alloys and Compounds</i> , 2015, 633, 22-30.	2.8	83
30	One-step synthesis of three-dimensional porous ionic liquid@carbon nanotube@graphene gel and MnO ₂ @graphene gel as freestanding electrodes for asymmetric supercapacitors. <i>RSC Advances</i> , 2015, 5, 10178-10186.	1.7	68
31	Facile synthesis of nickel@cobalt sulfide/reduced graphene oxide hybrid with enhanced capacitive performance. <i>RSC Advances</i> , 2015, 5, 58777-58783.	1.7	75
32	Faradic redox active material of Cu ₇ S ₄ nanowires with a high conductance for flexible solid state supercapacitors. <i>Nanoscale</i> , 2015, 7, 13610-13618.	2.8	134
33	In situ growth of ultradispersed NiCo ₂ S ₄ nanoparticles on graphene for asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2015, 176, 44-50.	2.6	103
34	An assembled-nanosheets discus-like Ni(OH) ₂ hierarchical structure as a high performance electrode material for supercapacitors. <i>RSC Advances</i> , 2015, 5, 59659-59664.	1.7	6
35	The growth and assembly of the multidimensional hierarchical Ni ₃ S ₂ for aqueous asymmetric supercapacitors. <i>CrystEngComm</i> , 2015, 17, 4495-4501.	1.3	44
36	High-performance asymmetric full-cell supercapacitors based on CoNi ₂ S ₄ nanoparticles and activated carbon. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2177-2188.	1.2	25
37	±-NiS grown on reduced graphene oxide and single-wall carbon nanotubes as electrode materials for high-power supercapacitors. <i>RSC Advances</i> , 2015, 5, 27940-27945.	1.7	24
38	Glucose-Assisted Synthesis of Nickel-Cobalt Sulfide/Carbon Nanotube Composites as Efficient Cathode Materials for Hybrid Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1493-A1499.	1.3	42

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39	Formation of nickel cobalt sulfide ball-in-ball hollow spheres with enhanced electrochemical pseudocapacitive properties. <i>Nature Communications</i> , 2015, 6, 6694.	5.8	1,101
40	High-performance asymmetric supercapacitor based on Co ₉ S ₈ /3D graphene composite and graphene hydrogel. <i>Chemical Engineering Journal</i> , 2015, 279, 241-249.	6.6	75
41	MnO ₂ Nanosheets Grown on Nitrogen-Doped Hollow Carbon Shells as a High-Performance Electrode for Asymmetric Supercapacitors. <i>Chemistry - A European Journal</i> , 2015, 21, 7119-7126.	1.7	56
42	A super-high energy density asymmetric supercapacitor based on 3D core-shell structured NiCo-layered double hydroxide@carbon nanotube and activated polyaniline-derived carbon electrodes with commercial level mass loading. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13244-13253.	5.2	166
43	Facile synthesis of Ni _{0.85} Se on Ni foam for high-performance asymmetric capacitors. <i>RSC Advances</i> , 2015, 5, 81474-81481.	1.7	41
44	Electro-deposition of CoNi ₂ S ₄ flower-like nanosheets on 3D hierarchically porous nickel skeletons with high electrochemical capacitive performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23035-23041.	5.2	93
45	Construction of hierarchical CoS nanowire@NiCo ₂ S ₄ nanosheet arrays via one-step ion exchange for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24033-24040.	5.2	119
46	One-pot synthesis of CoNiO ₂ single-crystalline nanoparticles as high-performance electrode materials of asymmetric supercapacitors. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	21
47	A nest-like Ni@Ni _{1.4} Co _{1.6} S ₂ electrode for flexible high-performance rolling supercapacitor device design. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20973-20982.	5.2	105
48	Ultrafast Alkaline Ni/Zn Battery Based on Ni-Foam-Supported Ni ₃ S ₂ Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26396-26399.	4.0	173
49	Pulse-Reversal Deposition of Nickel Sulfide Thin Film as an Efficient Cathode Material for Hybrid Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2015, 162, A2762-A2769.	1.3	22
50	Hydrothermal Growth of Hierarchical Ni ₃ S ₂ and Co ₃ S ₄ on a Reduced Graphene Oxide Hydrogel@Ni Foam: A High-Energy-Density Aqueous Asymmetric Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1122-1131.	4.0	214
51	Electrochemical reduction approach-based 3D graphene/Ni(OH) ₂ electrode for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2015, 154, 9-16.	2.6	46
52	Porous NiCo ₂ O ₄ nanosheets/reduced graphene oxide composite: Facile synthesis and excellent capacitive performance for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 211-218.	5.0	68
53	High performance supercapacitor electrode materials based on porous NiCo ₂ O ₄ hexagonal nanoplates/reduced graphene oxide composites. <i>Chemical Engineering Journal</i> , 2015, 262, 980-988.	6.6	143
54	A Mini Review Over the Applications of Nano-Carbons and Their Composites in Supercapacitors. <i>Recent Innovations in Chemical Engineering</i> , 2016, 9, 4-19.	0.2	1
55	Direct Growth of 3D Hierarchical Porous Ni ₃ S ₂ Nanostructures on Nickel Foam for High-Performance Supercapacitors. <i>ChemNanoMat</i> , 2016, 2, 719-725.	1.5	20
56	Metal Sulfide Hollow Nanostructures for Electrochemical Energy Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1501333.	10.2	663

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57	High performance Ni ₃ S ₂ /Ni film with three dimensional porous architecture as binder-free anode for lithium ion batteries. <i>Electrochimica Acta</i> , 2016, 211, 761-767.	2.6	28
58	Synthesis of Capsule-like Porous Hollow Nanonickel Cobalt Sulfides via Cation Exchange Based on the Kirkendall Effect for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9721-9732.	4.0	134
59	Flexible coaxial-type fiber solid-state asymmetrical supercapacitor based on Ni ₃ S ₂ nanorod array and pen ink electrodes. <i>Journal of Power Sources</i> , 2016, 324, 325-333.	4.0	148
60	Mesoporous Ni@C hybrids for a high energy aqueous asymmetric supercapacitor device. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9670-9676.	5.2	29
61	Single-crystal Ni_3S_2 nanorod arrays with a hollow-structured Ni ₃ S ₂ framework for supercapacitor applications. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7700-7709.	5.2	168
62	Hierarchical mesoporous carbon sphere@nickel cobalt sulfide core-shell structures and their electrochemical performance. <i>Journal of Electroanalytical Chemistry</i> , 2016, 771, 106-113.	1.9	40
63	An asymmetric supercapacitor with ultrahigh energy density based on nickel cobalt sulfide nanocluster anchoring multi-wall carbon nanotubes hybrid. <i>Journal of Power Sources</i> , 2016, 320, 28-36.	4.0	131
64	Solution Blown Silicon Carbide Porous Nanofiber Membrane as Electrode Materials for Supercapacitors. <i>Electrochimica Acta</i> , 2016, 207, 257-265.	2.6	39
65	One-pot synthesis of Ni_3S_2 /nitrogen-doped reduced graphene oxide hybrid for high-performance asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2016, 210, 557-566.	2.6	114
66	Excellent Electrochemical Performance Hierarchical Co ₃ O ₄ @Ni ₃ S ₂ core/shell nanowire arrays for Asymmetric Supercapacitors. <i>Electrochimica Acta</i> , 2016, 207, 87-96.	2.6	85
67	Template-Assisted Synthesis of Nickel Sulfide Nanowires: Tuning the Compositions for Supercapacitors with Improved Electrochemical Stability. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24645-24651.	4.0	78
68	A flexible and high-performance all-solid-state supercapacitor device based on Ni ₃ S ₂ nanosheets coated ITO nanowire arrays on carbon fabrics. <i>RSC Advances</i> , 2016, 6, 75186-75193.	1.7	29
69	Electrolytes for Electrochemical Supercapacitors. <i>Electrochemical Energy Storage and Conversion</i> , 2016, , 31-254.	0.0	5
70	Ultrahigh capacitance of amorphous nickel phosphate for asymmetric supercapacitor applications. <i>RSC Advances</i> , 2016, 6, 76298-76306.	1.7	167
71	Nanostructured Ni compounds as electrode materials towards high-performance electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14509-14538.	5.2	95
72	The synthesis and electrochemical performance of core-shell structured Ni-Al layered double hydroxide/carbon nanotubes composites. <i>Electrochimica Acta</i> , 2016, 222, 185-193.	2.6	45
73	Superior Cycle Stability Performance of Quasi-Cuboidal CoV ₂ O ₆ Microstructures as Electrode Material for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27291-27297.	4.0	79
74	Hierarchical polypyrrole/Ni ₃ S ₂ @MoS ₂ core-shell nanostructures on a nickel foam for high-performance supercapacitors. <i>RSC Advances</i> , 2016, 6, 68460-68467.	1.7	32

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75	Immobilization of NiS nanoparticles on N-doped carbon fiber aerogels as advanced electrode materials for supercapacitors. Nano Research, 2016, 9, 2747-2759.	5.8	77
76	A Ni _{1-x} Zn _x S/Ni foam composite electrode with multi-layers: one-step synthesis and high supercapacitor performance. Journal of Materials Chemistry A, 2016, 4, 12929-12939.	5.2	52
77	Three-dimensional hierarchical NiCo hydroxide@Ni ₃ S ₂ nanorod hybrid structure as high performance positive material for asymmetric supercapacitor. Electrochimica Acta, 2016, 222, 965-975.	2.6	32
78	Hierarchical ternary Ni-Co-Se nanowires for high-performance supercapacitor device design. Dalton Transactions, 2016, 45, 19458-19465.	1.6	112
79	3D reticulate Co _x Ni _{3-x} S ₂ nanostructure on nickel foam as a new type of electroactive material for high-performance supercapacitors. RSC Advances, 2016, 6, 106465-106472.	1.7	9
80	MOF-derived self-sacrificing route to hollow NiS ₂ /ZnS nanospheres for high performance supercapacitors. RSC Advances, 2016, 6, 103517-103522.	1.7	136
81	Microwave Assisted Synthesis of Porous NiCo ₂ O ₄ Microspheres: Application as High Performance Asymmetric and Symmetric Supercapacitors with Large Areal Capacitance. Scientific Reports, 2016, 6, 22699.	1.6	178
82	Novel Dual-Ion Hybrid Supercapacitor Based on a NiCo ₂ O ₄ Nanowire Cathode and MoO ₂ -C Nanofilm Anode. ACS Applied Materials & Interfaces, 2016, 8, 30232-30238.	4.0	90
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84	Graphene-Coupled Flower-Like Ni ₃ S ₂ for a Free-Standing 3D Aerogel with an Ultra-High Electrochemical Capacity. Electrochimica Acta, 2016, 191, 705-715.	2.6	80
85	Honeycomb-like mesoporous cobalt nickel phosphate nanospheres as novel materials for high performance supercapacitor. Electrochimica Acta, 2016, 190, 118-125.	2.6	133
86	Enhancement of photocatalytic hydrogen formation under visible illumination by integrating plasmonic Au nanoparticles with a strongly catalytic Ni ₃ S ₂ /carbon nanotube composite. Catalysis Science and Technology, 2016, 6, 4020-4026.	2.1	11
87	High performance electrochemical capacitor materials focusing on nickel based materials. Inorganic Chemistry Frontiers, 2016, 3, 175-202.	3.0	283
88	A facile one-step route to synthesize the three-layer nanostructure of CuS/RGO/Ni ₃ S ₂ and its high electrochemical performance. RSC Advances, 2016, 6, 16963-16971.	1.7	20
89	Enhanced rate capability of nanostructured three-dimensional graphene/Ni ₃ S ₂ composite for supercapacitor electrode. Ceramics International, 2016, 42, 9858-9865.	2.3	40
90	In situ growth of NiCo ₂ S ₄ @Ni ₃ V ₂ O ₈ on Ni foam as a binder-free electrode for asymmetric supercapacitors. Journal of Materials Chemistry A, 2016, 4, 5669-5677.	5.2	167
91	<i>In situ</i> synthesis of 3D CoS nanoflake/Ni(OH) ₂ nanosheet nanocomposite structure as a candidate supercapacitor electrode. Nanotechnology, 2016, 27, 145401.	1.3	36
92	A facile hydrothermal synthesis of a reduced graphene oxide modified cobalt disulfide composite electrode for high-performance supercapacitors. RSC Advances, 2016, 6, 7129-7138.	1.7	41

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93	Ultra small and highly dispersed Fe ₃ O ₄ nanoparticles anchored on reduced graphene for supercapacitor application. <i>Electrochimica Acta</i> , 2016, 190, 566-573.	2.6	103
94	Ultrathin nanoflakes of cobalt–manganese layered double hydroxide with high reversibility for asymmetric supercapacitor. <i>Journal of Power Sources</i> , 2016, 306, 526-534.	4.0	257
95	Mechanical alloying synthesis of Ni ₃ S ₂ nanoparticles as electrode material for pseudocapacitor with excellent performances. <i>Journal of Alloys and Compounds</i> , 2016, 656, 138-145.	2.8	56
96	One-step synthesis of Ni ₃ S ₂ nanowires at low temperature as efficient electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 7136-7142.	3.8	61
97	Hydrothermal assisted <i>in situ</i> growth of CoSe onto graphene nanosheets as a nanohybrid positive electrode for asymmetric supercapacitors. <i>RSC Advances</i> , 2017, 7, 5853-5862.	1.7	111
98	All-solid-state asymmetric supercapacitors based on cobalt hexacyanoferrate-derived CoS and activated carbon. <i>RSC Advances</i> , 2017, 7, 6648-6659.	1.7	184
99	Controllable sulfuration engineered NiO nanosheets with enhanced capacitance for high rate supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4543-4549.	5.2	105
100	MnS nanocomposites based on doped graphene: simple synthesis by a wet chemical route and improved electrochemical properties as an electrode material for supercapacitors. <i>RSC Advances</i> , 2017, 7, 2249-2257.	1.7	68
101	Arrays of hierarchical nickel sulfides/MoS ₂ nanosheets supported on carbon nanotubes backbone as advanced anode materials for asymmetric supercapacitor. <i>Journal of Power Sources</i> , 2017, 343, 373-382.	4.0	162
102	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. <i>RSC Advances</i> , 2017, 7, 7843-7856.	1.7	68
103	Battery–Supercapacitor Hybrid Devices: Recent Progress and Future Prospects. <i>Advanced Science</i> , 2017, 4, 1600539.	5.6	1,223
104	Construction of cobalt sulfide/graphitic carbon nitride hybrid nanosheet composites for high performance supercapacitor electrodes. <i>Journal of Alloys and Compounds</i> , 2017, 706, 41-47.	2.8	91
105	3D yolk–shell NiGa ₂ S ₄ microspheres confined with nanosheets for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6292-6298.	5.2	52
106	Construction of high electrical conductive nickel phosphide alloys with controllable crystalline phase for advanced energy storage. <i>Electrochimica Acta</i> , 2017, 232, 387-395.	2.6	43
107	Prickly Ni ₃ S ₂ nanowires modified CdS nanoparticles for highly enhanced visible-light photocatalytic H ₂ production. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 6618-6626.	3.8	35
108	High energy density asymmetric supercapacitors based on MOF-derived nanoporous carbon/manganese dioxide hybrids. <i>Chemical Engineering Journal</i> , 2017, 322, 582-589.	6.6	80
109	Synthesis of CoS@rGO composites with excellent electrochemical performance for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2017, 794, 132-138.	1.9	40
110	Liquid phase synthesis of dendritic nickel carbide alloy with high conductivity for advanced energy storage. <i>Journal of Energy Chemistry</i> , 2017, 26, 750-756.	7.1	12

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111	Heteroelement Y-doped $\text{Ni}(\text{OH})_2$ nanosheets with excellent pseudocapacitive performance. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10039-10047.	5.2	80
112	Nanosheet-assembled NiS hollow structures with double shells and controlled shapes for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , 2017, 323, 415-424.	6.6	72
113	Novel Quaternary Chalcogenide/Reduced Graphene Oxide-Based Asymmetric Supercapacitor with High Energy Density. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22652-22664.	4.0	69
114	Nanostructured 3D zinc cobaltite/nitrogen-doped reduced graphene oxide composite electrode for supercapacitor applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 205-217.	2.9	58
115	One-Step Solvothermal Synthesis of 3D Hierarchical $\text{Ni}_3\text{S}_2/\text{Co}_9\text{S}_8$ Structures for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2017, 4, 2250-2259.	1.7	4
116	Core-shell $\text{NiCo}_2\text{S}_4/\text{MnMoO}_4$ as an Advanced Electrode Material for High-performance Electrochemical Energy Storage. <i>ChemElectroChem</i> , 2017, 4, 2634-2642.	1.7	15
117	Growth of highly mesoporous CuCo_2O_4 nanoflakes@ $\text{Ni}(\text{OH})_2$ nanosheets as advanced electrodes for high-performance hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2017, 722, 928-937.	2.8	27
118	Facile Synthesis of Holothurian-Like MnS/Carbon Nanotube Nanocomposites for Flexible All-Solid-State Supercapacitors. <i>ChemNanoMat</i> , 2017, 3, 551-559.	1.5	17
119	Hierarchical Nickel Sulfide Coated Halloysite Nanotubes For Efficient Energy Storage. <i>Electrochimica Acta</i> , 2017, 245, 51-58.	2.6	16
120	Hydrothermal synthesis of the clustered network-like Ni_3S_2 - Co_9S_8 with enhanced electrochemical behavior for supercapacitor electrode. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 110, 1-8.	1.9	23
121	Construct hierarchical electrode with $\text{Ni}_x\text{Co}_{3-x}\text{S}_4$ nanosheet coated on NiCo_2O_4 nanowire arrays grown on carbon fiber paper for high-performance asymmetric supercapacitors. <i>Journal of Power Sources</i> , 2017, 359, 262-269.	4.0	117
122	High-Performance Asymmetric Supercapacitor Designed with a Novel $\text{NiSe}/\text{MoSe}_2$ Nanosheet Array and Nitrogen-Doped Carbon Nanosheet. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5951-5963.	3.2	197
123	Honeycomb-Like Interconnected Network of Nickel Phosphide Heteronanoparticles with Superior Electrochemical Performance for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21829-21838.	4.0	123
124	Acetate anion-intercalated nickel-cobalt layered double hydroxide nanosheets supported on Ni foam for high-performance supercapacitors with excellent long-term cycling stability. <i>Electrochimica Acta</i> , 2017, 236, 18-27.	2.6	132
125	Hybrid carbon dot/ Ni_3S_2 architecture supported on nickel foam for effective light collection and conversion. <i>Chemical Engineering Journal</i> , 2017, 321, 608-613.	6.6	20
126	Designed construction of hierarchical NiCo_2S_4 @polypyrrole core-shell nanosheet arrays as electrode materials for high-performance hybrid supercapacitors. <i>RSC Advances</i> , 2017, 7, 18447-18455.	1.7	36
127	Enhanced Structural Stability of Nickel-Cobalt Hydroxide via Intrinsic Pillar Effect of Metaborate for High-Power and Long-Life Supercapacitor Electrodes. <i>Nano Letters</i> , 2017, 17, 429-436.	4.5	241
128	Hollow Hierarchical Carbon Spheres Decorated with Ultrathin Molybdenum Disulfide Nanosheets as High-Capacity Electrode Materials for Asymmetric Supercapacitors. <i>ChemElectroChem</i> , 2017, 4, 620-627.	1.7	52

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130	In situ synthesis of CoS _x @carbon core-shell nanospheres decorated in carbon nanofibers for capacitor electrodes with superior rate and cycling performances. Carbon, 2017, 114, 187-197.	5.4	120
131	Porous nanosheet network architecture of CoP@Ni(OH) ₂ composites for high performance supercapacitors. Electrochimica Acta, 2017, 258, 266-273.	2.6	37
132	Membrane-assisted assembly strategy of flexible electrodes for multifunctional supercapacitors. Carbon, 2017, 125, 419-428.	5.4	15
133	V ₂ O ₅ embedded in vertically aligned carbon nanotube arrays as free-standing electrodes for flexible supercapacitors. Journal of Materials Chemistry A, 2017, 5, 23727-23736.	5.2	73
134	A pinecone-inspired hierarchical vertically aligned nanosheet array electrode for high-performance asymmetric supercapacitors. Journal of Materials Chemistry A, 2017, 5, 23349-23360.	5.2	41
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136	Ultrahigh energy density and stable supercapacitor with 2D NiCoAl Layered double hydroxide. Electrochimica Acta, 2017, 253, 324-332.	2.6	51
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