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Highly conductive NiCo₂S₄ urchin-like nanostructures for high-rate pseudocapacitors

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#	Paper	IF	Citations
798	Formation of Micron-Sized Nickel Cobalt Sulfide Solid Spheres with High Tap Density for Enhancing Pseudocapacitive Properties.		
797	Direct Construction of Mesoporous Metal Sulfides via Reactive Spray Deposition Technology.		
796	Comparison of the electrochemical performance of NiMoO ₄ nanorods and hierarchical nanospheres for supercapacitor applications. 2013 , 5, 12905-10		227
795	Formation of Ni _x Co _{3-x} S ₄ Hollow Nanoprisms with Enhanced Pseudocapacitive Properties. 2014 , 126, 3785-3788		118
794	CoNi ₂ S ₄ nanosheet arrays supported on nickel foams with ultrahigh capacitance for aqueous asymmetric supercapacitor applications. 2014 , 6, 19318-26		389
793	High-performance supercapacitor electrodes based on hierarchical Ti@MnO(2) nanowire arrays. 2014 , 50, 2876-8		55
792	Formation of Ni _x Co _(3-x) S ₄ hollow nanoprisms with enhanced pseudocapacitive properties. 2014 , 53, 3711-4		368
791	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
790	In situ growth of NiCo ₂ S ₄ nanotube arrays on Ni foam for supercapacitors: Maximizing utilization efficiency at high mass loading to achieve ultrahigh areal pseudocapacitance. 2014 , 254, 249-257		444
789	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
788	Design and synthesis of 3D Co ₃ O ₄ @MMoO ₄ (M=Ni, Co) nanocomposites as high-performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2014 , 130, 660-669	6.7	94
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784	Construction of mass-controllable mesoporous NiCo ₂ S ₄ electrodes for high performance supercapacitors. 2014 , 2, 19376-19382		73
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782	Facile synthesis and superior electrochemical performances of CoNi ₂ S ₄ /graphene nanocomposite suitable for supercapacitor electrodes. 2014 , 2, 9613-9619		215

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780	Facilely constructing 3D porous NiCo ₂ S ₄ nanonetworks for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2014 , 38, 4045	3.6	132
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778	Synthesis and electrochemical performances of novel hierarchical flower-like nickel sulfide with tunable number of composed nanoplates. 2014 , 268, 113-120		50
777	Shape-controlled synthesis of NiCo ₂ S ₄ and their charge storage characteristics in supercapacitors. <i>Nanoscale</i> , 2014 , 6, 9824-30	7.7	201
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748	Facilely synthesized phase nickel-cobalt bimetallic hydroxides: Tuning the composition for high pseudocapacitance. <i>Electrochimica Acta</i> , 2015 , 156, 108-114	6.7	58
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479	One-step synthesis of surface-enriched nickel cobalt sulfide nanoparticles on graphene for high-performance supercapacitors. 2017 , 6, 180-187		73
478	Truncated NiCo ₂ S ₄ cubohexa-octahedral nanostructures for high-performance supercapacitor. 2017 , 189, 21-24		10
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459	Preparation of nanoporous nickelcopper sulfide on carbon cloth for high-performance hybrid supercapacitors. <i>Electrochimica Acta</i> , 2018 , 273, 170-180	6.7	34
458	Morphology-controlled synthesis of nanosphere-like NiCo ₂ S ₄ as cathode materials for high-rate asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2018 , 274, 208-216	6.7	34

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453	Dual-Functional Starfish-like P-Doped Co-Ni-S Nanosheets Supported on Nickel Foams with Enhanced Electrochemical Performance and Excellent Stability for Overall Water Splitting. 2018 , 10, 7087-7095		76
452	One-pot synthesis of porous nickel-manganese sulfides with tuneable compositions for high-performance energy storage. 2018 , 85, 629-637		14
451	Bimetallic CoNiS nanocrystallites embedded in nitrogen-doped carbon anchored on reduced graphene oxide for high-performance supercapacitors. <i>Nanoscale</i> , 2018 , 10, 4051-4060	7-7	45
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445	Microwave synthesis of three-dimensional nickel cobalt sulfide nanosheets grown on nickel foam for high-performance asymmetric supercapacitors. 2018 , 516, 48-56		47
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441	Chemical bath deposition synthesis of nickel cobalt oxides/sulfides for high-performance supercapacitors electrode materials. 2018 , 755, 15-23		20
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428	Bubble-supported engineering of hierarchical CuCo ₂ S ₄ hollow spheres for enhanced electrochemical performance. 2018 , 6, 5265-5270		72
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4 ¹⁵	Porous tremella-like NiCo ₂ S ₄ networks electrodes for high-performance dye-sensitized solar cells and supercapacitors. 2018 , 176, 762-770		17
4 ¹⁴	Ionic Liquid-Controlled Growth of NiCo S 3D Hierarchical Hollow Nanoarrow Arrays on Ni Foam for Superior Performance Binder Free Hybrid Supercapacitors. <i>Small</i> , 2019 , 15, e1804318	11	21
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4 ⁰⁸	Hierarchical nanostructure-tuned super-high electrochemical stability of nickel cobalt sulfide. 2018 , 6, 19788-19797		13
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