Ling-Bin Kong

List of Publications by Year
in descending order

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255 papers	10,195 citations	39113 52 h-index	53065 89 g-index
261 all docs	261 docs citations	261 times ranked	11413 citing authors

#	Article	IF	Citations
1	Construction of MoSe2 nanoparticles anchored on layered microporous carbon heterostructure anode for high-performance and low-cost lithium-ion capacitors. Solid State Ionics, 2022, 374, 115815.	1.3	9
2	Metal-organic framework-derived nitrogen-doped three-dimensional porous carbon loaded CoTe2 nanoparticles as anodes for high energy lithium-ion capacitors. Journal of Energy Storage, 2022, 47, 103617.	3.9	8
3	The cobalt atom protection layers in-situ anchored titanium carbide with controllable interlayer spacing towards stable and fast lithium ions storage. Journal of Colloid and Interface Science, 2022, 612, 267-276.	5.0	6
4	Nanoflower Architecture NiGa₂O₄ with a Spinel Structure Modified by 2D Layered RGO for Enhanced Li-Ion Battery Anode Performance. Energy & Fuels, 2022, 36, 2149-2158.	2.5	5
5	Brookite phase vanadium dioxide (B) with nanosheet structure for superior rate capability aqueous Zn-ion batteries. Journal of Electroanalytical Chemistry, 2022, 907, 116039.	1.9	7
6	New Findings of Pseudocapacitive Behaviors in Cupric Tungstate Dihydrate. Journal of Physical Chemistry C, 2022, 126, 3853-3863.	1.5	0
7	Engineering novel Ni2-XCoxP structures for high performance lithium-ion storage. Energy Storage Materials, 2022, 48, 20-34.	9.5	13
8	Selection of oxygen reduction catalysts for secondary tri-electrode zincâ€“air batteries. Scientific Reports, 2022, 12, 6696.	1.6	4
9	Influence of Subnanoporous Carbon with a Customizable Pore Structure on Aqueous Supercapacitors. ACS Applied Energy Materials, 2022, 5, 7081-7090.	2.5	3
10	Ultra-high capacity and ultra-long cyclability anode materials of non-layered vanadium carbide(V8C7)@carbon microspheres for biapplications in Li-ion battery and Li-ion capacitor. Journal of Alloys and Compounds, 2022, 921, 166138.	2.8	4
11	Diamine molecules double lock-link structured graphene oxide sheets for high-performance sodium ions storage. Energy Storage Materials, 2021, 34, 45-52.	9.5	48
12	New cathode material of NiCo2Crx-OH (x=0, 1, 1.5, 2.0) and anode material of one-off chopsticks derived carbon for high performance supercapacitor. Journal of Alloys and Compounds, 2021, 851, 156792.	2.8	11
13	Modification of ultra-micropore dominated carbon by O/N-containing functional groups grafted for enhanced supercapacitor performances. Dalton Transactions, 2021, 50, 10471-10481.	1.6	1
14	High-performance sodium-ion capacitors with SnS2/ZnS-reduced graphene oxide anodes and biomass waste-derived porous carbon cathodes. Ionics, 2021, 27, 1781-1794.	1.2	3
15	Crystal Phase-Controlled Synthesis of the CoP@Co₂P Heterostructure with 3D Nanowire Networks for High-Performance Li-Ion Capacitor Applications. ACS Applied Materials & Interfaces, 2021, 13, 10071-10088.	4.0	39
16	Design of kinetic well-matched Mo2C nanoparticles anchored into 3D hierarchical porous carbon towards high-rate sodium ion storage. Electrochimica Acta, 2021, 372, 137860.	2.6	9
17	Regulation of the mesopore proportion of porous carbon for optimizing the performance of electric double layer capacitors. Journal of Energy Storage, 2021, 35, 102299.	3.9	5
18	Crystalline Co₂V₃O₈@Amorphous Coâ€”B Coreâ€Shell Nanoâ€Microsphere: Tunable Shell Layer Thickness, Faradaic Pseudocapacitive Mechanism, and Electrochemical Capacitor Applications. Batteries and Supercaps, 2021, 4, 948-959.	2.4	6

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19	The influence of zinc electrode substrate, electrolyte flow rate and current density on zinc-nickel flow cell performance. Electrochimica Acta, 2021, 373, 137890.	2.6	7
20	Amorphous Cobalt Boride Alloy Synthesized by Liquid Phase Methods as Electrode Materials for Electrochemical Capacitors. Particle and Particle Systems Characterization, 2021, 38, 2100020.	1.2	7
21	Iron Gallium Oxide with High-Capacity and Super-Rate Performance as New Anode Materials for Li-Ion Capacitors. Energy & Fuels, 2021, 35, 8378-8386.	2.5	13
22	CoS2 nanoparticles grown in situ on rGO nanosheet as a potential anode material toward high-performance sodium-ion hybrid capacitors. Journal of Materials Science: Materials in Electronics, 2021, 32, 15251-15264.	1.1	2
23	A crystalline nickel vanadium oxide@amorphous cobalt boride nanocomposites with enhanced specific capacity for hybrid supercapacitors. Electrochimica Acta, 2021, 377, 138086.	2.6	19
24	Rational regulation ultra-microporous structure size for enhanced potassium ion storage performance. Electrochimica Acta, 2021, 378, 138141.	2.6	16
25	Large interlayer spacing 2D Ta4C3 matrix supported 2D MoS2 nanosheets: A 3D heterostructure composite towards high-performance sodium ions storage. Renewable Energy, 2021, 169, 573-581.	4.3	30
26	Interlayer Engineering Construction of 2D Nb₂CT_x with Enlarged Interlayer Spacing Towards High Capacity and Rate Capability for Lithiumâ€Ion Storage. Batteries and Supercaps, 2021, 4, 1473-1481.	2.4	8
27	Reduced graphene oxide decorated amorphous NiS2 nanosheets as high-performance anode materials for enhanced sodium-ion hybrid capacitors. Ionics, 2021, 27, 3315-3325.	1.2	11
28	Molybdenum dioxide supported carbon nanotubes@carbon constructs disordered nanocluster particles as anodes for lithium-ion capacitors with long-term cycling stability. Journal of Materials Science: Materials in Electronics, 2021, 32, 18912-18930.	1.1	5
29	Chemical welding of diamine molecules in graphene oxide nanosheets: Design of precisely controlled interlayer spacings with the fast Li+ diffusion coefficient toward high-performance storage application. Electrochimica Acta, 2021, 380, 138114.	2.6	10
30	Improving the stable Li+ storage performance by embedding reduced graphene oxide into cobalt gallium oxide as anode for Li-ion capacitor applications. Ionics, 2021, 27, 4153-4165.	1.2	5
31	Alkali-tolerant polymeric gel electrolyte membrane based on cross-linked carboxylated chitosan for supercapacitors. Journal of Membrane Science, 2021, 629, 119083.	4.1	33
32	Pure Cu particle obtained by ammonia reduction reaction: A new class of electrodes for hybrid supercapacitors. Journal of Energy Storage, 2021, 39, 102636.	3.9	3
33	Cobalt nanoparticles encapsulated by nitrogen-doped carbon framework as anode materials for high performance lithium-ion capacitors. Journal of Electroanalytical Chemistry, 2021, 893, 115326.	1.9	7
34	Regulating interlayer spacing with pillarÂand strain structures in Ti3C2 MXene layers by molecular welding for superior alkali metal ionÂstorage. Materials Today Energy, 2021, 22, 100832.	2.5	15
35	Metallic Co: A promising electrode materials to boost electrochemical performances of Co3O4 for energy storage. Journal of Electroanalytical Chemistry, 2021, 895, 115496.	1.9	1
36	Constructing Highâ€Performance Liâ€Ion Capacitors via Cobalt Fluoride with Excellent Cyclic Stability as Anode and Coconut Shell Biomassâ€Derived Carbon as Cathode Materials. ChemistrySelect, 2021, 6, 8349-8360.	0.7	6

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37	Hydrothermal reaction induced phase transition of vanadium oxide towards high-performance zinc ion batteries cathode. Ionics, 2021, 27, 4793-4800.	1.2	5
38	Design and Preparation of Lotus Root Knot Hierarchical Porous Carbon by Highly Efficient Chemistry Activation for Electric Double Layer Capacitors. ChemElectroChem, 2021, 8, 4062-4071.	1.7	4
39	Realizing high-performance and low-cost lithium-ion capacitor by regulating kinetic matching between ternary nickel cobalt phosphate microspheres anode with ultralong-life and super-rate performance and watermelon peel biomass-derived carbon cathode. Journal of Colloid and Interface Science, 2021, 598, 283-301.	5.0	18
40	Fe-doped CoS2 nanospheres decorated by reduced graphene oxide nanosheets as ultrahigh-rate anodes for advanced sodium-ion capacitors. Journal of Electroanalytical Chemistry, 2021, 901, 115740.	1.9	3
41	Solid-state phase transformation of NiO into metallic Ni via ammonia reduction reaction for hybrid supercapacitors. Synthetic Metals, 2021, 281, 116899.	2.1	4
42	Enhancing the Kinetic Process in Biphasic Crystalline NiWO₄/Amorphous Coâ€Ð Electrode Materials toward Energy Storage with Ultrahigh Rate Performance. Chemistry - an Asian Journal, 2021, 16, 4130-4136.	1.7	8
43	Nickel Fluoride Nanorods as Anode Materials for Li-Ion Hybrid Capacitors. ACS Applied Nano Materials, 2021, 4, 11601-11610.	2.4	8
44	Manganese fluoride as non-battery type anode for high performance Li-ion capacitors. Journal of Energy Storage, 2021, , 103594.	3.9	2
45	Î³-Mo₂N Nanobelts with Controlled Grain and Mesopore Sizes as High-Performance Anodes for Lithium-Ion Capacitors. ACS Applied Nano Materials, 2021, 4, 12514-12526.	2.4	4
46	Fast lithium storage in defect-rich carbon encapsulated Fe3C nanoparticles as anode material toward high-energy lithium-ion capacitors. Ionics, 2020, 26, 23-31.	1.2	4
47	Polycationic bimetallic oxide CoGa2O4 with spinel structure: dominated pseudocapacitance, dual-energy storage mechanism, and Li-ion hybrid supercapacitor application. Ionics, 2020, 26, 1379-1388.	1.2	21
48	3D Hierarchically Structured CoS Nanosheets: Li⁺ Storage Mechanism and Application of the High-Performance Lithium-Ion Capacitors. ACS Applied Materials & Interfaces, 2020, 12, 3709-3718.	4.0	72
49	Design of Ultraâ€Microporous Carbons by Interpenetrating MF Prepolymer into PAAS Networks at Molecule Level for Enhanced Electrochemical Performance. ChemElectroChem, 2020, 7, 476-485.	1.7	6
50	Interfacial Engineering in Crystalline Cobalt Tungstate/Amorphous Cobalt Boride Heterogeneous Nanostructures for Enhanced Electrochemical Performances. ACS Applied Energy Materials, 2020, 3, 11470-11479.	2.5	29
51	High-capacity and fast Na-ion diffusion rate three-dimensional MoS2/SnS2-RGO anode for advanced sodium-ion batteries and sodium-ion capacitors. Solid State Ionics, 2020, 355, 115416.	1.3	20
52	Multi-dimensional hybrid heterostructure MoS2@C nanocomposite as a highly reversible anode for high-energy lithium-ion capacitors. Applied Surface Science, 2020, 531, 147222.	3.1	27
53	Assemble from 0D to 3D: anchored 0D molybdenum carbide on 3D octahedral amorphous carbon with excellent capacitive properties. Journal of Materials Science, 2020, 55, 15562-15573.	1.7	11
54	Synthesis of Nitrogenâ€Ðoped Microporous/Mesoporous Carbon with Enhanced Pseudocapacitive Behavior for Highâ€Performance Symmetrical Supercapacitors. ChemElectroChem, 2020, 7, 2592-2598.	1.7	8

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55	Cleverly embedded CoS2/NiS2 on two-dimensional graphene nanosheets as high-performance anode material for improved sodium ion batteries and sodium ion capacitors. Journal of Materials Science: Materials in Electronics, 2020, 31, 9946-9959.	1.1	12
56	Design and Synthesis of CoP/r-GO Hierarchical Architecture: Dominated Pseudocapacitance, Fasted Kinetics Features, and Li-Ion Capacitor Applications. ACS Applied Energy Materials, 2020, 3, 5448-5461.	2.5	31
57	Fundamental Triangular Interaction of Electron Trajectory Deviation and Pâ€“N Junction to Promote Redox Reactions for the High-Energy-Density Electrode. ACS Applied Materials & Interfaces, 2020, 12, 29404-29413.	4.0	2
58	Interface Engineered Binary Platinum Free Alloy-based Counter Electrodes with Improved Performance in Dye-Sensitized Solar Cells. Scientific Reports, 2020, 10, 9157.	1.6	5
59	Nanoparticles of Iron Nitride Encapsulated in Nitrogenâ€Doped Carbon Bulk Derived from Polyaniline/Fe₂O₃ Blends and Its Electrochemical Performance. Particle and Particle Systems Characterization, 2020, 37, 2000132.	1.2	2
60	Three-dimensional honeycomb-like MoSe2/rGO as high performance sodium ions storage materials with long cycle stability and high rate capability. Applied Surface Science, 2020, 513, 145826.	3.1	26
61	Platinum-Free Ternary Metallic Selenides as Nanostructured Counter Electrode for High-Efficiency Dye-Sensitized Solar Cell by Interface Engineering. ACS Applied Energy Materials, 2020, 3, 3704-3713.	2.5	29
62	Nanostructure-modified in-situ synthesis of nitrogen-doped porous carbon microspheres (NPCM) loaded with FeTe2 nanocrystals and NPCM as superior anodes to construct high-performance lithium-ion capacitors. Electrochimica Acta, 2020, 337, 135749.	2.6	20
63	The investigations of pyrophosphate CoNiP2O7 produced by hydrothermal process: a high-performance anode electrode material for Li-ion hybrid capacitor. Ionics, 2020, 26, 2989-3001.	1.2	10
64	Boosting the performance of cobalt molybdate nanorods by introducing nanoflake-like cobalt boride to form a heterostructure for aqueous hybrid supercapacitors. Journal of Colloid and Interface Science, 2020, 565, 388-399.	5.0	26
65	Self-assembly of secondary-formed multilayer La/e-Ti3C2 as high performance supercapacitive material with excellent cycle stability and high rate capability. Journal of Alloys and Compounds, 2020, 835, 155343.	2.8	9
66	Synthesis of polyvalent ion reaction of MoS2/CoS2-RGO anode materials for high-performance sodium-ion batteries and sodium-ion capacitors. Journal of Colloid and Interface Science, 2020, 575, 42-53.	5.0	47
67	Synthesis of high-performance Mo2S3/NiS2-RGO anode materials and its applications in sodium-ion batteries and sodium-ion capacitors. Ionics, 2020, 26, 4499-4510.	1.2	12
68	Wettability improvement of vanadium nitride/carbon electrode nanomaterial by electrostatic absorption of hydrophilic poly (allylamine hydrochloride). Applied Surface Science, 2020, 525, 146619.	3.1	8
69	Three-Dimensional Interconnected Microporous Carbon Network Derived from Aniline Formaldehyde Resin/Sodium Polyacrylate Interpenetrating Polymer Networks (AF/PAAS IPNs) with Controllable Porosity for Supercapacitors. ACS Applied Energy Materials, 2019, 2, 6440-6452.	2.5	7
70	Liquid phase reduction synthesis of a cobalt borideâ€“activated carbon composite with improved specific capacitance and retention rate as a new positive electrode material for supercapacitors. New Journal of Chemistry, 2019, 43, 14475-14484.	1.4	20
71	3D hierarchical porous carbon derived from direct carbonization and in-situ chemical activation of potatoes toward high-performance supercapacitors. Materials Research Express, 2019, 6, 115615.	0.8	12
72	Design of Lamellar Mo₂C Nanosheets Assembled by Mo₂C Nanoparticles as an Anode Material toward Excellent Sodium-Ion Capacitors. ACS Sustainable Chemistry and Engineering, 2019, 7, 18375-18383.	3.2	51

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73	Three-Dimensional Interconnected Reticular Porous Carbon From Corn Starch By a Sample Solâ€“Gel Method Toward High-Performance Supercapacitors With Aqueous and Ionic Liquid Electrolytes. ACS Sustainable Chemistry and Engineering, 2019, 7, 18690-18699.	3.2	34
74	NiGa₂O₄ Nanosheets in a Microflower Architecture as Anode Materials for Li-Ion Capacitors. ACS Applied Nano Materials, 2019, 2, 6238-6248.	2.4	16
75	Transferring Electrochemically Active Nanomaterials into a Flexible Membrane Electrode via Slow Phase Separation Method Induced by Water Vapor. ACS Sustainable Chemistry and Engineering, 2019, 7, 4295-4306.	3.2	11
76	Fabrication and characterization of CoMoS4/Co3V2O8 nanocomposite as electrode material for supercapacitor. Ionics, 2019, 25, 5411-5418.	1.2	8
77	Whole-polymers electrode membrane based on the interfacial polymerization and intermacromolecular force between polyaniline and polyethersulfone for flexible supercapacitors. Electrochimica Acta, 2019, 318, 130-141.	2.6	9
78	A facile strategy for the synthesis of three-dimensional heterostructure self-assembled MoSe₂ nanosheets and their application as an anode for high-energy lithium-ion hybrid capacitors. Nanoscale, 2019, 11, 7263-7276.	2.8	57
79	Special layer-structured WS₂ nanoflakes as high performance sodium ion storage materials. Sustainable Energy and Fuels, 2019, 3, 1239-1247.	2.5	25
80	Interconnected porous composites electrode materials of Carbon@Vanadium nitride by directly absorbing VO3-. Electrochimica Acta, 2019, 306, 113-121.	2.6	18
81	Biopolymer-based carboxylated chitosan hydrogel film crosslinked by HCl as gel polymer electrolyte for all-solid-sate supercapacitors. Journal of Power Sources, 2019, 426, 47-54.	4.0	122
82	Electrolyte-Philic Electrode Material with a Functional Polymer Brush. ACS Applied Materials & Interfaces, 2019, 11, 16087-16095.	4.0	16
83	Hierarchically Interconnected Ni₃S₂ Nanofibers as Binder-Free Electrodes for High-Performance Sodium-Ion Energy-Storage Devices. ACS Applied Nano Materials, 2019, 2, 2634-2641.	2.4	39
84	Templateâ€Induced Selfâ€Activation Route for Hierarchical Porous Carbon Derived from Interpenetrating Polymer Networks as Electrode Material for Supercapacitors. ChemElectroChem, 2019, 6, 2648-2658.	1.7	16
85	Polymer/block copolymer blending system as the compatible precursor system for fabrication of mesoporous carbon nanofibers for supercapacitors. Journal of Power Sources, 2019, 419, 137-147.	4.0	37
86	Vanadium Nitride Nanoparticles as Anode Material for Lithium Ion Hybrid Capacitor Applications. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 1274-1278.	0.4	4
87	Intercalation structure of vanadium nitride nanoparticles growing on graphene surface toward high negative active material for supercapacitor utilization. Journal of Alloys and Compounds, 2019, 781, 1054-1058.	2.8	52
88	RGO-modified CoWO4 nanoparticles as new high-performance electrode materials for sodium-ion storage. Ionics, 2019, 25, 533-540.	1.2	23
89	Facile preparation of porous nickel oxide membrane for flexible supercapacitors electrode via phase-separation method of polymer. Materials Research Bulletin, 2018, 103, 25-31.	2.7	14
90	Concise N-doped Carbon Nanosheets/Vanadium Nitride Nanoparticles Materials via Intercalative Polymerization for Supercapacitors. Scientific Reports, 2018, 8, 2915.	1.6	41

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91	A porous carbon material from pyrolysis of fructus cannabisâ€™s shells for supercapacitor electrode application. Materials Research Express, 2018, 5, 025514.	0.8	6
92	A Novel Capacitive Negative Electrode Material of Fe₃N. Nano, 2018, 13, 1850002.	0.5	12
93	Construction of 3D polypyrrole/CoS/graphene composite electrode with enhanced pseudocapacitive performance. Ionics, 2018, 24, 2689-2696.	1.2	1
94	Nanocomposites based on hierarchical porous carbon fiber@vanadium nitride nanoparticles as supercapacitor electrodes. Dalton Transactions, 2018, 47, 4128-4138.	1.6	51
95	New amphiphilic block copolymer-modified electrodes for supercapacitors. New Journal of Chemistry, 2018, 42, 1290-1299.	1.4	20
96	Amorphous Ni-C nanoparticles with high electric conductivity and high specific capacitance for rechargeable charge storage. Materials Chemistry and Physics, 2018, 205, 494-501.	2.0	7
97	Pomelo peels-derived porous activated carbon microsheets dual-doped with nitrogen and phosphorus for high performance electrochemical capacitors. Journal of Power Sources, 2018, 378, 499-510.	4.0	170
98	Carbon nanosphere@vanadium nitride electrode materials derived from metal-organic nanospheres self-assembled by NH4VO3, chitosan, and amphiphilic block copolymer. Electrochimica Acta, 2018, 262, 66-73.	2.6	54
99	Negative electrode materials of molybdenum nitride/N-doped carbon nano-fiber via electrospinning method for high-performance supercapacitors. Electrochimica Acta, 2018, 277, 41-49.	2.6	60
100	Solid-phase synthesis and electrochemical pseudo-capacitance of nitrogen-atom interstitial compound Co₃N. Sustainable Energy and Fuels, 2018, 2, 1178-1188.	2.5	22
101	In situ polymerization and reduction to fabricate gold nanoparticleâ€incorporated polyaniline as supercapacitor electrode materials. Polymers for Advanced Technologies, 2018, 29, 1697-1705.	1.6	43
102	Fabrication and electrochemical investigation of MWO4 (M = Co, Ni) nanoparticles as high-performance anode materials for lithium-ion batteries. Ionics, 2018, 24, 363-372.	1.2	34
103	Dulseâ€derived porous carbonâ€“polyaniline nanocomposite electrode for highâ€performance supercapacitors. Journal of Applied Polymer Science, 2018, 135, 45776.	1.3	25
104	Facile synthesis of MoS2/graphite intercalated composite with enhanced electrochemical performance for sodium ion battery. Journal of Energy Chemistry, 2018, 27, 1208-1213.	7.1	30
105	Well-Dispersed Vanadium Nitride on Porous Carbon Networks Derived from Block Copolymer of PAN-b-PDMC-b-PAN Absorbed with Ammonium Metavanadate for Energy Storage Application. Journal of Physical Chemistry C, 2018, 122, 143-149.	1.5	16
106	Nitrogen-doped micro-nano carbon spheres with multi-scale pore structure obtained from interpenetrating polymer networks for electrochemical capacitors. RSC Advances, 2018, 8, 35083-35093.	1.7	3
107	Synthesis of ultra-small gold nanoparticles decorated onto NiO nanobelts and their high electrochemical performance. Dalton Transactions, 2018, 47, 8078-8086.	1.6	20
108	Enhanced performance for a high electrical conductive Mo₂C electrode based proton ionic liquid electrolytes in supercapacitors. Materials Research Express, 2018, 5, 075508.	0.8	12

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109	Synthesis and evaluation of three-dimensional nickel molybdate nano-sheets on nickel foam as self-supported electrodes for sodium-ion hybrid capacitors. Materials Research Express, 2018, 5, 065525.	0.8	8
110	A flexible membrane electrode with an electrolyte-affinity surface for energy storage: effects of amphiphilic block copolymers and membrane thickness. Sustainable Energy and Fuels, 2018, 2, 1844-1854.	2.5	3
111	Facile Preparation of Novel Hierarchically Porous Carbon at the Molecular Level for Supercapacitor Electrode Application. Nano, 2018, 13, 1850091.	0.5	3
112	MoO₂/Mo₂N hybrid nanobelts doped with gold nanoparticles and their enhanced supercapacitive behavior. New Journal of Chemistry, 2018, 42, 17895-17901.	1.4	7
113	Electrostatically Charged MoS₂/Graphene Oxide Hybrid Composites for Excellent Electrochemical Energy Storage Devices. ACS Applied Materials & Interfaces, 2018, 10, 35571-35579.	4.0	113
114	Coprecipitation Reaction System Synthesis and Lithium-Ion Capacitor Energy Storage Application of the Porous Structural Bimetallic Sulfide CoMoS₄ Nanoparticles. ACS Omega, 2018, 3, 8803-8812.	1.6	18
115	High Volumetric Energy Density Capacitors Based on New Electrode Material Lanthanum Nitride. ACS Energy Letters, 2017, 2, 336-341.	8.8	41
116	Synthesis of a hierarchical nanoporous carbon material with controllable pore size and effective surface area for high-performance electrochemical capacitors. RSC Advances, 2017, 7, 14516-14527.	1.7	10
117	Construction of high electrical conductive nickel phosphide alloys with controllable crystalline phase for advanced energy storage. Electrochimica Acta, 2017, 232, 387-395.	2.6	43
118	A polymer-supported electrolyte-affinity hybrid membrane and modification of the amphiphilic block copolymer for use as a super-high flexible and high-performance supercapacitor. Sustainable Energy and Fuels, 2017, 1, 1074-1081.	2.5	12
119	Liquid phase synthesis of dendritic nickel carbide alloy with high conductivity for advanced energy storage. Journal of Energy Chemistry, 2017, 26, 750-756.	7.1	12
120	The design and fabrication of Co 3 O 4 /Co 3 V 2 O 8 /Ni nanocomposites as high-performance anodes for Li-ion batteries. Journal of Energy Chemistry, 2017, 26, 494-500.	7.1	16
121	Nano-Au@PANI core-shell nanoparticles via in-situ polymerization as electrode for supercapacitor. Journal of Alloys and Compounds, 2017, 722, 1-7.	2.8	58
122	In situ doping of <scp>PANI</scp> nanocomposites by gold nanoparticles for highâ€performance electrochemical energy storage. Journal of Applied Polymer Science, 2017, 134, 45309.	1.3	37
123	Preparation of a NbN/graphene nanocomposite by solution impregnation and its application in high-performance Li-ion hybrid capacitors. RSC Advances, 2017, 7, 19967-19975.	1.7	10
124	High rate capability and long cycle-life of nickel oxide membrane electrode incorporated with nickel and coated with carbon layer via in-situ supporting of engineering plastic for energy storage application. Journal of Alloys and Compounds, 2017, 710, 72-79.	2.8	12
125	Nanocrystalline Intermetallic Tungsten Carbide: Nanoscaled Solidoid Synthesis, Nonfaradaic Pseudocapacitive Property, and Electrode Material Application. Advanced Materials Interfaces, 2017, 4, 1700099.	1.9	7
126	An Asymmetric Supercapacitor with Both Ultra-High Gravimetric and Volumetric Energy Density Based on 3D Ni(OH)₂/MnO₂@Carbon Nanotube and Activated Polyaniline-Derived Carbon. ACS Applied Materials & Interfaces, 2017, 9, 668-676.	4.0	78

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127	Intermetallics: Nanocrystalline Intermetallic Tungsten Carbide: Nanoscaled Solidoid Synthesis, Nonfaradaic Pseudocapacitive Property, and Electrode Material Application (Adv. Mater. Interfaces) Tj ETQq1 1 0.784314 rgBT /Overlock	4.3	30
128	Supercapacitor electrode of nano-Co3O4 decorated with gold nanoparticles via in-situ reduction method. Journal of Power Sources, 2017, 363, 1-8.	4.0	108
129	Facile synthesis of Co 3 V 2 O 8 nanoparticle arrays on Ni foam as binder-free electrode with improved lithium storage properties. Ceramics International, 2017, 43, 1166-1173.	2.3	18
130	One-step synthesis of micro/nano flower-like Ni3V2O8 as anode for Li-ion batteries. Materials Letters, 2017, 186, 289-292.	1.3	25
131	Facile synthesis of high electrical conductive CoP via solid-state synthetic routes for supercapacitors. Journal of Energy Chemistry, 2017, 26, 49-55.	7.1	86
132	Synthesis of Coâ€“Ni oxide microflowers as a superior anode for hybrid supercapacitors with ultralong cycle life. Chinese Chemical Letters, 2017, 28, 206-212.	4.8	22
133	Nano vanadium nitride incorporated onto interconnected porous carbon via the method of surface-initiated electrochemical mediated ATRP and heat-treatment approach for supercapacitors. Electrochimica Acta, 2017, 258, 405-413.	2.6	29
134	Mechanical Alloying Synthesis of Co9S8 Particles as Materials for Supercapacitors. Metals, 2016, 6, 142.	1.0	25
135	Watchbandâ€Like Supercapacitors with Body Temperature Inducible Shape Memory Ability. Advanced Energy Materials, 2016, 6, 1600763.	10.2	94
136	Design and synthesis of one-dimensional Co₃O₄/Co₃V₂O₈ hybrid nanowires with improved Li-storage properties. RSC Advances, 2016, 6, 36418-36424.	1.7	15
137	Electrochemical performance in alkaline and neutral electrolytes of a manganese phosphate material possessing a broad potential window. RSC Advances, 2016, 6, 40077-40085.	1.7	53
138	Activated hierarchical porous carbon as electrode membrane accommodated with triblock copolymer for supercapacitors. Journal of Membrane Science, 2016, 514, 366-375.	4.1	41
139	Intermetallic Molybdenum Carbide for Pseudocapacitive Electrode Material. Journal of the Electrochemical Society, 2016, 163, A2441-A2446.	1.3	13
140	Facile fabrication of ultrathin hybrid membrane for highly flexible supercapacitors via in-situ phase separation of polyethersulfone. Journal of Power Sources, 2016, 329, 104-114.	4.0	41
141	One-pot hydrothermal synthesis of porous nickel cobalt phosphides with high conductivity for advanced energy conversion and storage. Electrochimica Acta, 2016, 215, 114-125.	2.6	159
142	Design and preparation of MoO 2 /MoS 2 as negative electrode materials for supercapacitors. Materials and Design, 2016, 112, 88-96.	3.3	62
143	A Facile Strategy for the Preparation of MoS₃ and its Application as a Negative Electrode for Supercapacitors. Chemistry - an Asian Journal, 2016, 11, 2392-2398.	1.7	25
144	Facile synthesis of a nickel vanadate/Ni composite and its electrochemical performance as an anode for lithium ion batteries. RSC Advances, 2016, 6, 90197-90205.	1.7	23

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145	Capacitive Intermetallic Manganese Nitride with High Volumetric Energy Densities. Journal of the Electrochemical Society, 2016, 163, A2830-A2834.	1.3	10
146	Supercapacitor Electrode Based on Nano-Vanadium Nitride Incorporated on Porous Carbon Nanospheres Derived from Ionic Amphiphilic Block Copolymers & Vanadium-Contained Ion Assembly Systems. Electrochimica Acta, 2016, 211, 469-477.	2.6	77
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