Lin-Rui Hou

List of Publications by Year
in descending order

128	9,449	46918 47	38300 95
papers	citations	h-index	g-index

131	131	131	9691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrathin Mesoporous NiCo₂O₄ Nanosheets Supported on Ni Foam as Advanced Electrodes for Supercapacitors. Advanced Functional Materials, 2012, 22, 4592-4597.	7.8	1,545
2	Growth of ultrathin mesoporous Co3O4 nanosheet arrays on Ni foam for high-performance electrochemical capacitors. Energy and Environmental Science, 2012, 5, 7883.	15.6	780
3	Flexible Hybrid Paper Made of Monolayer Co₃O₄ Microsphere Arrays on rGO/CNTs and Their Application in Electrochemical Capacitors. Advanced Functional Materials, 2012, 22, 2560-2566.	7.8	362
4	Selfâ€Sacrifice Template Fabrication of Hierarchical Mesoporous Biâ€Componentâ€Active ZnO/ZnFe₂O₄ Subâ€Microcubes as Superior Anode Towards Highâ€Performance Lithiumâ€Ion Battery. Advanced Functional Materials, 2015, 25, 238-246.	7.8	334
5	Recent progresses in high-energy-density all pseudocapacitive-electrode-materials-based asymmetric supercapacitors. Journal of Materials Chemistry A, 2017, 5, 9443-9464.	5.2	278
6	Hierarchical micro-/mesoporous N- and O-enriched carbon derived from disposable cashmere: a competitive cost-effective material for high-performance electrochemical capacitors. Green Chemistry, 2015, 17, 2373-2382.	4.6	252
7	Hollow mesoporous hetero-NiCo₂S₄/Co₉S₈ submicro-spindles: unusual formation and excellent pseudocapacitance towards hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 133-144.	5.2	249
8	Facile template-free synthesis of ultralayered mesoporous nickel cobaltite nanowires towards high-performance electrochemical capacitors. Journal of Materials Chemistry, 2012, 22, 16084.	6.7	241
9	Monodisperse Metallic NiCoSe₂ Hollow Subâ€Microspheres: Formation Process, Intrinsic Chargeâ€Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors. Advanced Functional Materials, 2018, 28, 1705921.	7.8	214
10	Construction of Hierarchical Nanotubes Assembled from Ultrathin V₃S₄@C Nanosheets towards Alkaliâ€Ion Batteries with Ionâ€Dependent Electrochemical Mechanisms. Angewandte Chemie - International Edition, 2020, 59, 2473-2482.	7.2	199
11	Polymer-assisted synthesis of a 3D hierarchical porous network-like spinel NiCo2O4 framework towards high-performance electrochemical capacitors. Journal of Materials Chemistry A, 2013, 1, 11145.	5.2	160
12	Nasicon-Type Surface Functional Modification in Coreâ“Shell LiNi_{0.5}Mn_{0.3}Co_{0.2}O₂@NaTi₂(PO₄)₃ Cathode Enhances Its High-Voltage Cycling Stability and Rate Capacity toward Li-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 5498-5510.	4.0	145
13	Surface/Interface Structure Degradation of Niâ€Rich Layered Oxide Cathodes toward Lithiumâ€Ion Batteries: Fundamental Mechanisms and Remedying Strategies. Advanced Materials Interfaces, 2020, 7, 1901749.	1.9	134
14	In-situ construction of hierarchical accordion-like TiO2/Ti3C2 nanohybrid as anode material for lithium and sodium ion batteries. Electrochimica Acta, 2018, 271, 165-172.	2.6	132
15	Unveiling Intrinsic Potassium Storage Behaviors of Hierarchical Nano Bi@Nâ€Doped Carbon Nanocages Framework via In Situ Characterizations. Angewandte Chemie - International Edition, 2021, 60, 7180-7187.	7.2	132
16	Universal FeCl₃-Activating Strategy for Green and Scalable Fabrication of Sustainable Biomass-Derived Hierarchical Porous Nitrogen-Doped Carbons for Electrochemical Supercapacitors. ACS Applied Energy Materials, 2019, 2, 548-557.	2.5	131
17	Template-engaged synthesis of uniform mesoporous hollow NiCo2O4 sub-microspheres towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 18573.	1.7	118
18	Lysine-assisted hydrothermal synthesis of urchin-like ordered arrays of mesoporous Co(OH)2 nanowires and their application in electrochemical capacitors. Journal of Materials Chemistry, 2010, 20, 10809.	6.7	115

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19	Facile interfacial synthesis of flower-like hierarchical a-MnO2 sub-microspherical superstructures constructed by two-dimension mesoporous nanosheets and their application in electrochemical capacitors. Journal of Materials Chemistry, 2011, 21, 16035.	6.7	96
20	Oneâ€Dimensional Nanostructured Pseudocapacitive Materials: Design, Synthesis and Applications in Supercapacitors. Batteries and Supercaps, 2019, 2, 820-841.	2.4	92
21	Recent progress in flexible non-lithium based rechargeable batteries. Journal of Materials Chemistry A, 2019, 7, 4353-4382.	5.2	91
22	Enhanced cycling performance and electrochemical reversibility of a novel sulfur-impregnated mesoporous hollow TiO2 sphere cathode for advanced Liâ€“S batteries. Nanoscale, 2013, 5, 5743.	2.8	90
23	Self-sacrifice Template Formation of Hollow Hetero-Ni7S6/Co3S4 Nanoboxes with Intriguing Pseudo-capacitance for High-performance Electrochemical Capacitors. Scientific Reports, 2016, 6, 20973.	1.6	89
24	Large-scale Co3O4 nanoparticles growing on nickel sheets via a one-step strategy and their ultra-highly reversible redox reaction toward supercapacitors. Journal of Materials Chemistry, 2011, 21, 18183.	6.7	88
25	Construction and Operating Mechanism of Highâ€Rate Moâ€Doped Na₃V₂(PO₄)₃@C Nanowires toward Practicable Wideâ€Temperatureâ€Tolerance Naâ€Ion and Hybrid Li/Naâ€Ion Batteries. Advanced Energy Materials, 2021, 11, 2100287.	10.2	88
26	Inâ€Plane Assembled Singleâ€Crystalline Tâ€Nb₂O₅ Nanorods Derived from Fewâ€Layered Nb₂CT_x MXene Nanosheets for Advanced Liâ€Ion Capacitors. Small Methods, 2020, 4, 2000630.	4.6	87
27	Hierarchical Porous ZnMn₂O₄ Hollow Nanotubes with Enhanced Lithium Storage toward Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 10771-10777.	1.7	86
28	In Situ Synthesis of Hierarchical Core Doubleâ€Shell Tiâ€Doped LiMnPO₄@NaTi₂(PO₄)₃@C/3D Graphene Cathode with Highâ€Rate Capability and Long Cycle Life for Lithiumâ€Ion Batteries. Advanced Energy Materials, 2019, 9, 1802847.	10.2	83
29	Mesoporous N-containing carbon nanosheets towards high-performance electrochemical capacitors. Carbon, 2013, 64, 141-149.	5.4	82
30	Coreâ€“shell ZnO/ZnFe₂O₄@C mesoporous nanospheres with enhanced lithium storage properties towards high-performance Li-ion batteries. Journal of Materials Chemistry A, 2015, 3, 20389-20398.	5.2	77
31	Anionâ€Exchange Formation of Hollow NiCo₂S₄ Nanoboxes from Mesocrystalline Nickel Cobalt Carbonate Nanocubes towards Enhanced Pseudocapacitive Properties. ChemPlusChem, 2016, 81, 557-563.	1.3	76
32	Green and Facile Synthesis of Nitrogen and Phosphorus Co-Doped Carbon Quantum Dots towards Fluorescent Ink and Sensing Applications. Nanomaterials, 2018, 8, 386.	1.9	76
33	Conductive metalâ€organic frameworks: Recent advances in electrochemical energyâ€related applications and perspectives. , 2020, 2, 203-222.		75
34	Urchin-like Co3O4 microspherical hierarchical superstructures constructed by one-dimension nanowires toward electrochemical capacitors. RSC Advances, 2011, 1, 1521.	1.7	73
35	Bottomâ€Up Fabrication of 1D Cuâ€based Conductive Metalâ€“Organic Framework Nanowires as a Highâ€Rate Anode towards Efficient Lithium Storage. ChemSusChem, 2019, 12, 5051-5058.	3.6	73
36	One-step hydrothermal fabrication of strongly coupled Co3O4 nanosheetsâ€“reduced graphene oxide for electrochemical capacitors. RSC Advances, 2014, 4, 14408-14413.	1.7	71

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37	Hollow mesoporous hetero-ZnO/ZnMnO₃ microspheres: template-free formation process and enhanced lithium storage capability towards Li-ion batteries as a competitive anode. Journal of Materials Chemistry A, 2019, 7, 3264-3277.	5.2	69
38	Templateâ€Free Fabrication of Mesoporous Hollow ZnMn₂O₄ Subâ€microspheres with Enhanced Lithium Storage Capability towards Highâ€Performance Liâ€Ion Batteries. Particle and Particle Systems Characterization, 2014, 31, 657-663.	1.2	68
39	Sur-/interfacial regulation in all-solid-state rechargeable Li-ion batteries based on inorganic solid-state electrolytes: advances and perspectives. Materials Horizons, 2019, 6, 871-910.	6.4	67
40	Facile construction of ultrathin SnOx nanosheets decorated MXene (Ti3C2) nanocomposite towards Li-ion batteries as high performance anode materials. Electrochimica Acta, 2019, 295, 237-245.	2.6	64
41	V2CTx MXene and its derivatives: synthesis and recent progress in electrochemical energy storage applications. Rare Metals, 2022, 41, 775-797.	3.6	64
42	Scalable Roomâ€Temperature Synthesis of Mesoporous Nanocrystalline ZnMn₂O₄ with Enhanced Lithium Storage Properties for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 1262-1268.	1.7	62
43	Ultralong Layered NaCrO₂ Nanowires: A Competitive Wide-Temperature-Operating Cathode for Extraordinary High-Rate Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 4037-4046.	4.0	57
44	Green Templateâ€Free Synthesis of Hierarchical Shuttleâ€Shaped Mesoporous ZnFe₂O₄ Microrods with Enhanced Lithium Storage for Advanced Liâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 13012-13019.	1.7	55
45	Heterostructured coreâ€“shell ZnMn₂O₄nanosheets@carbon nanotubesâ€™ coaxial nanocables: a competitive anode towards high-performance Li-ion batteries. Nanotechnology, 2015, 26, 145401.	1.3	55
46	Synthesis of ultralong ZnFe2O4@polypyrrole nanowires with enhanced electrochemical Li-storage behaviors for lithium-ion batteries. Electrochimica Acta, 2019, 306, 198-208.	2.6	54
47	Conductive Co-based metalâ€“organic framework nanowires: a competitive high-rate anode towards advanced Li-ion capacitors. Journal of Materials Chemistry A, 2019, 7, 24788-24791.	5.2	53
48	Rapid low-temperature synthesis of mesoporous nanophase ZnFe₂O₄with enhanced lithium storage properties for Li-ion batteries. RSC Advances, 2014, 4, 49212-49218.	1.7	50
49	Unusual formation of hollow NiCoO₂ sub-microspheres by oxygen functional group dominated thermally induced mass relocation towards efficient lithium storage. Journal of Materials Chemistry A, 2019, 7, 18109-18117.	5.2	50
50	Structure-designed synthesis of yolkâ€“shell hollow ZnFe₂O₄/C@N-doped carbon sub-microspheres as a competitive anode for high-performance Li-ion batteries. Journal of Materials Chemistry A, 2018, 6, 17947-17958.	5.2	48
51	Formation and operating mechanisms of single-crystalline perovskite NaNbO₃ nanocubes/few-layered Nb₂CT_x MXene hybrids towards Li-ion capacitors. Journal of Materials Chemistry A, 2021, 9, 20405-20416.	5.2	48
52	Recent Progress in â€œWater-in-Saltâ€• Electrolytes Toward Non-lithium Based Rechargeable Batteries. Frontiers in Chemistry, 2020, 8, 595.	1.8	47
53	Magnetic Field Assisted Construction of Hollow Red P Nanospheres Confined in Hierarchical Nâ€Doped Carbon Nanosheets/Nanotubes 3D Framework for Efficient Potassium Storage. Advanced Energy Materials, 2021, 11, 2003429.	10.2	47
54	Laser irradiation construction of nanomaterials toward electrochemical energy storage and conversion: Ongoing progresses and challenges. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 1393-1421.	8.5	46

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55	Facile synthesis of Co2P2O7 nanorods as a promising pseudocapacitive material towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 21558.	1.7	44
56	A General Eco-friendly Production of Bio-sources Derived Micro-/Mesoporous Carbons with Robust Supercapacitive Behaviors and Sodium-Ion Storage. ACS Sustainable Chemistry and Engineering, 2019, 7, 779-789.	3.2	44
57	Construction of 1D conductive Ni-MOF nanorods with fast Li⁺ kinetic diffusion and stable high-rate capacities as an anode for lithium ion batteries. Nanoscale Advances, 2019, 1, 4688-4691.	2.2	42
58	Eco-friendly and scalable synthesis of micro-/mesoporous carbon sub-microspheres as competitive electrodes for supercapacitors and sodium-ion batteries. Applied Surface Science, 2020, 533, 147511.	3.1	42
59	Precipitant-free solvothermal construction of spindle-like CoCO3/reduced graphene oxide hybrid anode toward high-performance lithium-ion batteries. Rare Metals, 2020, 39, 1082-1091.	3.6	42
60	Recent Progresses and Development of Advanced Atomic Layer Deposition towards High-Performance Li-Ion Batteries. Nanomaterials, 2017, 7, 325.	1.9	41
61	Comparative investigations of high-rate NaCrO₂ cathodes towards wide-temperature-tolerant pouch-type Na-ion batteries from â˜'15 to 55 Â°C: nanowires vs. bulk. Journal of Materials Chemistry A, 2019, 7, 11915-11927.	5.2	40
62	Hierarchical flower-like conductive CoNiO2 microspheres constructed with ultrathin mesoporous nanosheets towards long-cycle-life hybrid supercapacitors. Journal of Alloys and Compounds, 2019, 779, 81-90.	2.8	39
63	Green Templateâ€Free Synthesis of Mesoporous Ternary CoNiâ€“Mn Oxide Nanowires Towards Highâ€Performance Electrochemical Capacitors. Particle and Particle Systems Characterization, 2014, 31, 778-787.	1.2	38
64	Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for Highâ€Energyâ€Density Hybrid Superapacitors. Advanced Electronic Materials, 2017, 3, 1600322.	2.6	38
65	Surâ€/Interface Engineering of Hierarchical LiNi_{0.6}Mn_{0.2}Co_{0.2}O₂@LiCoPO₄@Graphene Architectures as Promising Highâ€Voltage Cathodes toward Advanced Liâ€Ion Batteries. Advanced Materials Interfaces, 2017, 4, 1700382.	1.9	38
66	Formation of Nanodimensional NiCoO₂ Encapsulated in Porous Nitrogen-Doped Carbon Submicrospheres from a Bimetallic (Ni, Co) Organic Framework toward Efficient Lithium Storage. ACS Applied Materials & Interfaces, 2019, 11, 32052-32061.	4.0	38
67	Design and construction of bi-metal MOF-derived yolkâ€“shell Ni₂P/ZnP₂ hollow microspheres for efficient electrocatalytic oxygen evolution. Materials Chemistry Frontiers, 2020, 4, 1366-1374.	3.2	37
68	A two-dimensional assembly of ultrafine cobalt oxide nanocrystallites anchored on single-layer Ti₃C₂T_x nanosheets with enhanced lithium storage for Li-ion batteries. Nanoscale, 2019, 11, 16755-16766.	2.8	35
69	Subâ€nanoscale Engineering of MoO₂ Clusters for Enhanced Sodium Storage. Energy and Environmental Materials, 2023, 6, .	7.3	34
70	Non-lithium-based metal ion capacitors: recent advances and perspectives. Journal of Materials Chemistry A, 2022, 10, 357-378.	5.2	34
71	Ultrasonic-Assisted Synthesis of N-Doped, Multicolor Carbon Dots toward Fluorescent Inks, Fluorescence Sensors, and Logic Gate Operations. Nanomaterials, 2022, 12, 312.	1.9	34
72	Solid Solution Engineering of Coâ€“Ni-Based Ternary Molybdate Nanorods toward Hybrid Supercapacitors and Lithium-Ion Batteries as High-Performance Electrodes. ACS Applied Energy Materials, 2020, 3, 3955-3965.	2.5	32

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73	Facile hydrothermal construction of Nb2CT /Nb2O5 as a hybrid anode material for high-performance Li-ion batteries. Chinese Chemical Letters, 2020, 31, 1030-1033.	4.8	32
74	High-yield and in situ fabrication of high-content nitrogen-doped graphene nanoribbons@Co/CoOOH as an integrated sulfur host towards Liâ€“S batteries. Journal of Materials Chemistry A, 2020, 8, 3048-3059.	5.2	32
75	Organicâ€“Inorganic Hybridization Engineering of Polyperylenediimide Cathodes for Efficient Potassium Storage. Angewandte Chemie - International Edition, 2021, 60, 23596-23601.	7.2	30
76	Intrinsic lithium storage mechanisms and superior electrochemical behaviors of monodispersed hierarchical CoCO3 sub-microspheroids as a competitive anode towards Li-ion batteries. Electrochimica Acta, 2019, 307, 20-29.	2.6	28
77	Spatially Selfâ€Confined Formation of Ultrafine NiCoO₂ Nanoparticles@Ultralong Amorphous Nâ€Doped Carbon Nanofibers as an Anode towards Efficient Capacitive Li⁺ Storage. Chemistry - A European Journal, 2019, 25, 863-873.	1.7	28
78	Singleâ€Crystal Nanoâ€Subunits Assembled Accordionâ€Shape WNb₂O₈ Framework with High Ionic/Electronic Conductivities towards Liâ€Ion Capacitors. Small, 2022, 18, e2107987.	5.2	28
79	Biomolecule-assisted hydrothermal approach towards synthesis of ultra-thin nanoporous Î±-Co(OH)2 mesocrystal nanosheets for electrochemical capacitors. CrystEngComm, 2011, 13, 6130.	1.3	27
80	Green self-activation engineering of metalâ€“organic framework derived hollow nitrogen-doped carbon spheres towards supercapacitors. Journal of Materials Chemistry A, 2022, 10, 2932-2944.	5.2	24
81	Albumen-Derived Hierarchical Porous N- and O-Enriched Carbon towards High-Performance Electrochemical Capacitors. Journal of the Electrochemical Society, 2015, 162, A781-A786.	1.3	22
82	Sustainable rose multiflora derived nitrogen/oxygen-enriched micro-/mesoporous carbon as a low-cost competitive electrode towards high-performance electrochemical supercapacitors. RSC Advances, 2018, 8, 9181-9191.	1.7	22
83	Foxtail millet-derived highly fluorescent multi-heteroatom doped carbon quantum dots towards fluorescent inks and smart nanosensors for selective ion detection. New Journal of Chemistry, 2018, 42, 7326-7331.	1.4	22
84	Synthesis and supercapacitance of flower-like Co(OH)2 hierarchical superstructures self-assembled by mesoporous nanobelts. Journal of Solid State Electrochemistry, 2012, 16, 1519-1525.	1.2	21
85	Efficient Sunlight-Induced Methylene Blue Removal over One-Dimensional Mesoporous Monoclinic BiVO₄Nanorods. Journal of Analytical Methods in Chemistry, 2012, 2012, 1-9.	0.7	20
86	Ultrafast spray pyrolysis fabrication of a nanophase ZnMn₂O₄anode towards high-performance Li-ion batteries. RSC Advances, 2015, 5, 13667-13673.	1.7	20
87	Self-sacrificial template formation of ultrathin single-crystalline ZnMn₂O₄nanoplates with enhanced Li-storage behaviors for Li-ion batteries. RSC Advances, 2016, 6, 2024-2027.	1.7	20
88	Microwave-assisted interfacial hydrothermal fabrication of hydrophobic CdWO₄ microspheres as a high-performance photocatalyst. RSC Advances, 2013, 4, 2374-2381.	1.7	19
89	Construction of a multi-dimensional flexible MnS based paper electrode with ultra-stable and high-rate capability towards efficient sodium storage. Nanoscale, 2020, 12, 4119-4127.	2.8	19
90	Unveiling Intrinsic Potassium Storage Behaviors of Hierarchical Nano Bi@Nâ€Doped Carbon Nanocages Framework via In Situ Characterizations. Angewandte Chemie, 2021, 133, 7256-7263.	1.6	19

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91	Surfactant-assisted hydrothermal synthesis of ultrafine CoMoO₄Â·0.9H₂O nanorods towards high-performance supercapacitors. New Journal of Chemistry, 2015, 39, 5507-5512.	1.4	18
92	Construction of Hierarchical Nanotubes Assembled from Ultrathin V₃S₄@C Nanosheets towards Alkaliâ€Ion Batteries with Ionâ€Dependent Electrochemical Mechanisms. Angewandte Chemie, 2020, 132, 2494-2503.	1.6	18
93	Lignite-derived mesoporous N- and O-enriched carbon sheet: a low-cost promising electrode for high-performance electrochemical capacitors. Journal of Solid State Electrochemistry, 2016, 20, 713-723.	1.2	17
94	MOFs Derived Hetero-ZnO/Fe2O3 Nanoflowers with Enhanced Photocatalytic Performance towards Efficient Degradation of Organic Dyes. Nanomaterials, 2021, 11, 3239.	1.9	17
95	Metallic Mo₂C Quantum Dots Confined in Functional Carbon Nanofiber Films toward Efficient Sodium Storage: Heterogeneous Interface Engineering and Charge-Storage Mechanism. ACS Applied Energy Materials, 2022, 5, 1114-1125.	2.5	16
96	Understanding the crystal structure-dependent electrochemical capacitance of spinel and rock-salt Niâ€“Co oxides via density function theory calculations. RSC Advances, 2020, 10, 35611-35618.	1.7	15
97	Green interfacial synthesis of two-dimensional poly(2,5-dimethoxyaniline) nanosheets as a promising electrode for high performance electrochemical capacitors. RSC Advances, 2014, 4, 24773-24776.	1.7	12
98	A coreâ€“shell TiO₂@C nano-architecture: facile synthesis, enhanced visible photocatalytic performance and electrochemical capacitance. RSC Advances, 2015, 5, 62424-62432.	1.7	12
99	A shiitake-derived nitrogen/oxygen/phosphorus co-doped carbon framework with hierarchical tri-modal porosity for high-performance electrochemical capacitors. RSC Advances, 2016, 6, 81527-81533.	1.7	12
100	An Aqueous Batteryâ€“Pseudocapacitor Hybrid Capacitor Based on Conductive Coreâ€“Shell NiCoSe 2 @Co 9 Se 8 Hollow Nanospheres Hybridized with Nanoscale Ru 0.41 In 0.59 O y. Energy Technology, 2020, 8, 1901319.	1.8	12
101	Construction of mesoporous bimetallic (Ni, Co) organic framework microspheres for lithium-ion capacitors. Electrochemistry Communications, 2021, 125, 107006.	2.3	12
102	Supercapacitors: Monodisperse Metallic NiCoSe₂ Hollow Subâ€Microspheres: Formation Process, Intrinsic Chargeâ€Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors (Adv. Funct. Mater. 13/2018). Advanced Functional Materials, 2018, 28, 1870082.	7.8	11
103	Flexible MoO₂ Nanocrystals@Nâ€doped Carbon Nanofibers Film as a Selfâ€Supporting Anode for Quasiâ€Solidâ€State Sodiumâ€Ion Batteries. Energy Technology, 2021, 9, .	1.8	11
104	Self-assembly construction of hollow Ti3C2Tx Submicro-Tubes towards efficient alkali metal ion storage. Chemical Engineering Journal, 2022, 433, 134506.	6.6	11
105	Coordination polymer nanowires/reduced graphene oxide paper as flexible anode for sodium-ion batteries. Science China Materials, 2020, 63, 1966-1972.	3.5	10
106	Scalable Synthesis of Oneâ€Dimensional Mesoporous ZnMnO₃ Nanorods with Ultraâ€Stable and High Rate Capability for Efficient Lithium Storage. Chemistry - A European Journal, 2019, 25, 16683-16691.	1.7	8
107	Green Bio-template Fabrication of Fe Derivatives@Carbon Composites and Porous Carbon Sheets toward Advanced Li-Ion Capacitors as Low-Cost Electrodes. ACS Applied Energy Materials, 2020, 3, 7159-7166.	2.5	8
108	Hydrothermal synthesis of visible-light-driven hierarchical Bi3.84W0.16O6.24 photocatalysts toward efficient degradation of methyl orange. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	7

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109	Biâ€Metal (Zn, Mn) Metalâ€“Organic Frameworkâ€“Derived ZnMnO 3 Microâ€Sheets Wrapped Uniformly with Polypyrrole Conductive Network toward Highâ€Performance Liâ€Ion Batteries. Energy Technology, 2020, 8, 1901218.	1.8	7
110	Rate Balance Design and Construction of a Conductive Ni_{0.5}Co_{0.5}MoO₄ Solid-Solution Microspherical Superstructure toward Advanced Hybrid Supercapacitors. ACS Applied Energy Materials, 2021, 4, 9470-9478.	2.5	7
111	Facile Solvothermal Synthesis of Hollow BiOBr Submicrospheres with Enhanced Visible-Light-Responsive Photocatalytic Performance. Journal of Analytical Methods in Chemistry, 2020, 2020, 1-12.	0.7	6
112	Designing Hierarchical Porous ZnO/ZnFe 2 O 4 Hybrid Nanofibers with Robust Core/Shell Heterostructure as Competitive Anodes for Efficient Lithium Storage. Energy Technology, 2021, 9, 2000869.	1.8	6
113	Template-free formation of one-dimensional mesoporous ZnMn₂O₄ tube-in-tube nanofibers towards lithium-ion batteries as anode materials. CrystEngComm, 2021, 23, 7228-7236.	1.3	6
114	Construction of conductive Niâ€Coâ€molybdate solidâ€solution nanoparticles encapsulated in carbon nanofibers towards Liâ€ion batteries as highâ€rate anodes. Electrochimica Acta, 2022, 402, 139564.	2.6	6
115	Efficient Lithium Storage of Siâ€Based Anode Enabled by a Dualâ€Component Protection Strategy. Advanced Energy and Sustainability Research, 2022, 3, .	2.8	6
116	Efficient Activation Engineering from the Inside Out toward Hierarchically Porous Carbon Framework as Electrode Materials for Supercapacitors. ACS Applied Energy Materials, 2022, 5, 5719-5729.	2.5	6
117	Efficient electrospinning fabrication and the underlying formation mechanism of one-dimensional monoclinic Li₂FeSiO₄ nanofibers. CrystEngComm, 2019, 21, 6340-6345.	1.3	4
118	Organicâ€“Inorganic Hybridization Engineering of Polyperylenediimide Cathodes for Efficient Potassium Storage. Angewandte Chemie, 2021, 133, 23788.	1.6	4
119	Lithiumâ€Ion Batteries: In Situ Synthesis of Hierarchical Core Doubleâ€Shell Tiâ€Doped LiMnPO 4 @NaTi 2 (PO) Tj ETQq1 1 0.784314 rg (Adv. Energy Mater. 11/2019). Advanced Energy Materials, 2019, 9, 1970033.	10.2	3
120	Template-free construction of hollow ZnFe₂O₄ nanotubes coated with a nano-carbon layer as a competitive anode for Li-ion batteries. Nanoscale Advances, 2020, 2, 2284-2287.	2.2	3
121	Recent Progress on In Situ/Operando Characterization of Rechargeable Alkali Ion Batteries. ChemPlusChem, 2021, 86, 1487-1496.	1.3	3
122	Polyacrylamide hydrogel-derived three-dimensional hierarchical porous N,S co-doped carbon frameworks for electrochemical capacitors. New Journal of Chemistry, 2020, 44, 21279-21287.	1.4	2
123	Spray-drying construction of nickel/cobalt/molybdenum based nano carbides embedded in porous carbon microspheres for lithium-ion batteries as anodes. Electrochimica Acta, 2022, 424, 140678.	2.6	2
124	FACILE SYNTHESIS AND UNUSUAL ELECTROCHEMICAL CAPACITANCE OF Ni-DOPED TITANATE NANOTUBES. Journal of Molecular and Engineering Materials, 2013, 01, 1340016.	0.9	0
125	Green Template-Free Synthesis of Hierarchical Shuttle-Shaped Mesoporous ZnFe2O4Microrods with Enhanced Lithium Storage for Advanced Li-Ion Batteries. Chemistry - A European Journal, 2015, 21, 12817-12817.	1.7	0
126	Supercapacitors: Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for Highâ€Energyâ€Density Hybrid Superapacitors (Adv. Electron. Mater. 2/2017). Advanced Electronic Materials, 2017, 3, .	2.6	0

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127	Cathode Materials: Surâ€Interface Engineering of Hierarchical LiNi_{0.6}Mn_{0.2}Co_{0.2}O₂@LiCoPO₄@Graphene Architectures as Promising Highâ€Voltage Cathodes toward Advanced Liâ€Ion Batteries (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Ove	1.9	0
128	Formation of solidâ€solution <scp> Co _x Ni _{1â^' x} CO ₃ </scp> as highâ€performance anode materials for lithiumâ€ion batteries. International Journal of Energy Research, 2022, 46, 9404-9413.	2.2	0