

# Changzhou Yuan

## List of Publications by Year in descending order

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131  
papers

12,134  
citations

41258

49  
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25716

108  
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138  
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138  
docs citations

138  
times ranked

12356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed Transition-Metal Oxides: Design, Synthesis, and Energy-Related Applications. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1488-1504.	7.2	2,019
2	Ultrathin Mesoporous NiCo <sub>2</sub> O <sub>4</sub> Nanosheets Supported on Ni Foam as Advanced Electrodes for Supercapacitors. <i>Advanced Functional Materials</i> , 2012, 22, 4592-4597.	7.8	1,545
3	Growth of ultrathin mesoporous Co <sub>3</sub> O <sub>4</sub> nanosheet arrays on Ni foam for high-performance electrochemical capacitors. <i>Energy and Environmental Science</i> , 2012, 5, 7883.	15.6	780
4	Flexible Hybrid Paper Made of Monolayer Co <sub>3</sub> O <sub>4</sub> Microsphere Arrays on rGO/CNTs and Their Application in Electrochemical Capacitors. <i>Advanced Functional Materials</i> , 2012, 22, 2560-2566.	7.8	362
5	Self-Sacrifice Template Fabrication of Hierarchical Mesoporous Bi-Component Active ZnO/ZnFe <sub>2</sub> O <sub>4</sub> Sub-Microcubes as Superior Anode Towards High-Performance Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2015, 25, 238-246.	7.8	334
6	Recent progresses in high-energy-density all pseudocapacitive-electrode-materials-based asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9443-9464.	5.2	278
7	Hierarchical micro-/mesoporous N- and O-enriched carbon derived from disposable cashmere: a competitive cost-effective material for high-performance electrochemical capacitors. <i>Green Chemistry</i> , 2015, 17, 2373-2382.	4.6	252
8	Hollow mesoporous hetero-NiCo <sub>2</sub> S <sub>4</sub> /Co <sub>9</sub> S <sub>8</sub> submicro-spindles: unusual formation and excellent pseudocapacitance towards hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 133-144.	5.2	249
9	Facile template-free synthesis of ultralayered mesoporous nickel cobaltite nanowires towards high-performance electrochemical capacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 16084.	6.7	241
10	Flexible Films Derived from Electrospun Carbon Nanofibers Incorporated with Co <sub>3</sub> O <sub>4</sub> Hollow Nanoparticles as Self-Supported Electrodes for Electrochemical Capacitors. <i>Advanced Functional Materials</i> , 2013, 23, 3909-3915.	7.8	233
11	Monodisperse Metallic NiCoSe <sub>2</sub> Hollow Sub-Microspheres: Formation Process, Intrinsic Charge-Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors. <i>Advanced Functional Materials</i> , 2018, 28, 1705921.	7.8	214
12	Construction of Hierarchical Nanotubes Assembled from Ultrathin V <sub>3</sub> S <sub>4</sub> @C Nanosheets towards Alkali-Ion Batteries with Ion-Dependent Electrochemical Mechanisms. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2473-2482.	7.2	199
13	A Ternary Fe <sub>1-x</sub> Co <sub>x</sub> S@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1803052.	10.2	189
14	In situ growth of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> on multi-walled carbon nanotubes: novel coaxial nanocables for high rate lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 761-767.	6.7	182
15	Polymer-assisted synthesis of a 3D hierarchical porous network-like spinel NiCo <sub>2</sub> O <sub>4</sub> framework towards high-performance electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11145.	5.2	160
16	Nasicon-Type Surface Functional Modification in Core-Shell LiNi <sub>0.5</sub> Mn <sub>0.3</sub> Co <sub>0.2</sub> O <sub>2</sub> @NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> Cathode Enhances Its High-Voltage Cycling Stability and Rate Capacity toward Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5498-5510.	4.0	145
17	Surface/Interface Structure Degradation of Ni-Rich Layered Oxide Cathodes toward Lithium-Ion Batteries: Fundamental Mechanisms and Remedying Strategies. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901749.	1.9	134
18	Unveiling Intrinsic Potassium Storage Behaviors of Hierarchical Nano Bi@N-Doped Carbon Nanocages Framework via In Situ Characterizations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7180-7187.	7.2	132

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19	Universal FeCl <sub>3</sub> -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
20	Template-engaged synthesis of uniform mesoporous hollow NiCo <sub>2</sub> O <sub>4</sub> sub-microspheres towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 18573.	1.7	118
21	Lysine-assisted hydrothermal synthesis of urchin-like ordered arrays of mesoporous Co(OH) <sub>2</sub> nanowires and their application in electrochemical capacitors. Journal of Materials Chemistry, 2010, 20, 10809.	6.7	115
22	Facile interfacial synthesis of flower-like hierarchical α-MnO <sub>2</sub> 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
23	One-Dimensional Nanostructured Pseudocapacitive Materials: Design, Synthesis and Applications in Supercapacitors. Batteries and Supercaps, 2019, 2, 820-841.	2.4	92
24	Recent progress in flexible non-lithium based rechargeable batteries. Journal of Materials Chemistry A, 2019, 7, 4353-4382.	5.2	91
25	Self-sacrifice Template Formation of Hollow Hetero-Ni <sub>7</sub> S <sub>6</sub> /Co <sub>3</sub> S <sub>4</sub> Nanoboxes with Intriguing Pseudo-capacitance for High-performance Electrochemical Capacitors. Scientific Reports, 2016, 6, 20973.	1.6	89
26	Large-scale Co <sub>3</sub> O <sub>4</sub> 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
27	Construction and Operating Mechanism of High-Rate Mo-Doped Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @C Nanowires toward Practicable Wide-Temperature-Tolerance Na-ion and Hybrid Li/Na-ion Batteries. Advanced Energy Materials, 2021, 11, 2100287.	10.2	88
28	In-Plane Assembled Single-Crystalline Nb <sub>2</sub> O <sub>5</sub> Nanorods Derived from Few-Layered Nb <sub>2</sub> CT <sub>x</sub> MXene Nanosheets for Advanced Li-ion Capacitors. Small Methods, 2020, 4, 2000630.	4.6	87
29	Hierarchical Porous ZnMn <sub>2</sub> O <sub>4</sub> Hollow Nanotubes with Enhanced Lithium Storage toward Lithium-ion Batteries. Chemistry - A European Journal, 2015, 21, 10771-10777.	1.7	86
30	In Situ Synthesis of Hierarchical Core Double-shell Ti-Doped LiMnPO <sub>4</sub> @NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @C/3D Graphene Cathode with High-Rate Capability and Long Cycle Life for Lithium-ion Batteries. Advanced Energy Materials, 2019, 9, 1802847.	10.2	83
31	Core-shell ZnO/ZnFe <sub>2</sub> O <sub>4</sub> @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
32	Anion-Exchange Formation of Hollow NiCo <sub>2</sub> S <sub>4</sub> Nanoboxes from Mesocrystalline Nickel Cobalt Carbonate Nanocubes towards Enhanced Pseudocapacitive Properties. ChemPlusChem, 2016, 81, 557-563.	1.3	76
33	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
34	Conductive metal-organic frameworks: Recent advances in electrochemical energy-related applications and perspectives. , 2020, 2, 203-222.		75
35	Urchin-like Co <sub>3</sub> O <sub>4</sub> microspherical hierarchical superstructures constructed by one-dimension nanowires toward electrochemical capacitors. RSC Advances, 2011, 1, 1521.	1.7	73
36	Bottom-Up Fabrication of 1D Cu-based Conductive Metal-Organic Framework Nanowires as a High-Rate Anode towards Efficient Lithium Storage. ChemSusChem, 2019, 12, 5051-5058.	3.6	73

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37	Hydrophobization Engineering of the Airâ€‘Cathode Catalyst for Improved Oxygen Diffusion towards Efficient Zincâ€‘Air Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	72
38	One-step hydrothermal fabrication of strongly coupled Co <sub>3</sub> O <sub>4</sub> nanosheetsâ€‘reduced graphene oxide for electrochemical capacitors. <i>RSC Advances</i> , 2014, 4, 14408-14413.	1.7	71
39	Hollow mesoporous hetero-ZnO/ZnMnO <sub>3</sub> microspheres: template-free formation process and enhanced lithium storage capability towards Li-ion batteries as a competitive anode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3264-3277.	5.2	69
40	Templateâ€‘Free Fabrication of Mesoporous Hollow ZnMn <sub>2</sub> O <sub>4</sub> Subâ€‘microspheres with Enhanced Lithium Storage Capability towards Highâ€‘Performance Liâ€‘ion Batteries. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 657-663.	1.2	68
41	Sur-/interfacial regulation in all-solid-state rechargeable Li-ion batteries based on inorganic solid-state electrolytes: advances and perspectives. <i>Materials Horizons</i> , 2019, 6, 871-910.	6.4	67
42	Scalable Roomâ€‘Temperature Synthesis of Mesoporous Nanocrystalline ZnMn <sub>2</sub> O <sub>4</sub> with Enhanced Lithium Storage Properties for Lithiumâ€‘ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 1262-1268.	1.7	62
43	General and Scalable Fabrication of Coreâ€‘Shell Metal Sulfides@C Anchored on 3D Nâ€‘Doped Foam toward Flexible Sodium Ion Batteries. <i>Small</i> , 2019, 15, e1903259.	5.2	62
44	Ultralong Layered NaCrO <sub>2</sub> Nanowires: A Competitive Wide-Temperature-Operating Cathode for Extraordinary High-Rate Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 4037-4046.	4.0	57
45	Green Templateâ€‘Free Synthesis of Hierarchical Shuttleâ€‘Shaped Mesoporous ZnFe <sub>2</sub> O <sub>4</sub> Microrods with Enhanced Lithium Storage for Advanced Liâ€‘ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 13012-13019.	1.7	55
46	Heterostructured coreâ€‘shell ZnMn <sub>2</sub> O <sub>4</sub> nanosheets@carbon nanotubesâ€‘ <sup>TM</sup> coaxial nanocables: a competitive anode towards high-performance Li-ion batteries. <i>Nanotechnology</i> , 2015, 26, 145401.	1.3	55
47	Synthesis of ultralong ZnFe <sub>2</sub> O <sub>4</sub> @polypyrrole nanowires with enhanced electrochemical Li-storage behaviors for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 306, 198-208.	2.6	54
48	Conductive Co-based metalâ€‘organic framework nanowires: a competitive high-rate anode towards advanced Li-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24788-24791.	5.2	53
49	Rapid low-temperature synthesis of mesoporous nanophase ZnFe <sub>2</sub> O <sub>4</sub> with enhanced lithium storage properties for Li-ion batteries. <i>RSC Advances</i> , 2014, 4, 49212-49218.	1.7	50
50	Unusual formation of hollow NiCoO <sub>2</sub> sub-microspheres by oxygen functional group dominated thermally induced mass relocation towards efficient lithium storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18109-18117.	5.2	50
51	Structure-designed synthesis of yolkâ€‘shell hollow ZnFe <sub>2</sub> O <sub>4</sub> /C@N-doped carbon sub-microspheres as a competitive anode for high-performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17947-17958.	5.2	48
52	Efficient Laserâ€‘Induced Construction of Oxygenâ€‘Vacancy Abundant Nanoâ€‘ZnCo <sub>2</sub> O <sub>4</sub> /Porous Reduced Graphene Oxide Hybrids toward Exceptional Capacitive Lithium Storage. <i>Small</i> , 2020, 16, e2001526.	5.2	48
53	Formation and operating mechanisms of single-crystalline perovskite NaNbO <sub>3</sub> nanocubes/few-layered Nb <sub>2</sub> CT <sub>x</sub> MXene hybrids towards Li-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20405-20416.	5.2	48
54	Magnetic Field Assisted Construction of Hollow Red P Nanospheres Confined in Hierarchical Nâ€‘Doped Carbon Nanosheets/Nanotubes 3D Framework for Efficient Potassium Storage. <i>Advanced Energy Materials</i> , 2021, 11, 2003429.	10.2	47

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55	Laser irradiation construction of nanomaterials toward electrochemical energy storage and conversion: Ongoing progresses and challenges. <i>InformaAnMateriAjly</i> , 2021, 3, 1393-1421.	8.5	46
56	Facile synthesis of Co <sub>2</sub> P <sub>2</sub> O <sub>7</sub> nanorods as a promising pseudocapacitive material towards high-performance electrochemical capacitors. <i>RSC Advances</i> , 2013, 3, 21558.	1.7	44
57	A General Eco-friendly Production of Bio-sources Derived Micro-/Mesoporous Carbons with Robust Supercapacitive Behaviors and Sodium-Ion Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 779-789.	3.2	44
58	Interconnected N/P co-doped carbon nanocage as high capacitance electrode material for energy storage devices. <i>Nano Research</i> , 2022, 15, 4068-4075.	5.8	43
59	Construction of 1D conductive Ni-MOF nanorods with fast Li <sup>+</sup> kinetic diffusion and stable high-rate capacities as an anode for lithium ion batteries. <i>Nanoscale Advances</i> , 2019, 1, 4688-4691.	2.2	42
60	Recent Progresses and Development of Advanced Atomic Layer Deposition towards High-Performance Li-ion Batteries. <i>Nanomaterials</i> , 2017, 7, 325.	1.9	41
61	Hierarchical sulfur-impregnated hydrogenated TiO <sub>2</sub> /mesoporous spheres comprising anatase nanosheets with highly exposed (001) facets for advanced Li-S batteries. <i>Nanotechnology</i> , 2016, 27, 045403.	1.3	40
62	Comparative investigations of high-rate NaCrO <sub>2</sub> cathodes towards wide-temperature-tolerant pouch-type Na-ion batteries from ~15 to 55 °C: nanowires vs. bulk. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11915-11927.	5.2	40
63	Green Template-Free Synthesis of Mesoporous Ternary CoNi-Mn Oxide Nanowires Towards High-Performance Electrochemical Capacitors. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 778-787.	1.2	38
64	Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for High-Energy-Density Hybrid Superapacitors. <i>Advanced Electronic Materials</i> , 2017, 3, 1600322.	2.6	38
65	Surface/Interface Engineering of Hierarchical LiNi <sub>0.6</sub> Mn <sub>0.2</sub> Co <sub>0.2</sub> O <sub>2</sub> @LiCoPO <sub>4</sub> @Graphene Architectures as Promising High-Voltage Cathodes toward Advanced Li-ion Batteries. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700382.	1.9	38
66	Formation of Nanodimensional NiCoO <sub>2</sub> Encapsulated in Porous Nitrogen-Doped Carbon Submicrospheres from a Bimetallic (Ni, Co) Organic Framework toward Efficient Lithium Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 32052-32061.	4.0	38
67	Design and construction of bi-metal MOF-derived yolk-shell Ni <sub>2</sub> P/ZnP <sub>2</sub> hollow microspheres for efficient electrocatalytic oxygen evolution. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1366-1374.	3.2	37
68	A two-dimensional assembly of ultrafine cobalt oxide nanocrystallites anchored on single-layer Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> nanosheets with enhanced lithium storage for Li-ion batteries. <i>Nanoscale</i> , 2019, 11, 16755-16766.	2.8	35
69	Sub-nanoscale Engineering of MoO <sub>2</sub> Clusters for Enhanced Sodium Storage. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	34
70	Non-lithium-based metal ion capacitors: recent advances and perspectives. <i>Journal of Materials Chemistry A</i> , 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. <i>Nanomaterials</i> , 2022, 12, 312.	1.9	34
72	Solid Solution Engineering of Co-Ni-Based Ternary Molybdate Nanorods toward Hybrid Supercapacitors and Lithium-Ion Batteries as High-Performance Electrodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 3955-3965.	2.5	32

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73	High-yield and <i>in situ</i> fabrication of high-content nitrogen-doped graphene nanoribbons@Co/CoOOH as an integrated sulfur host towards Li-S batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3048-3059.	5.2	32
74	Organic-Inorganic Hybridization Engineering of Polypyrrolenediimide Cathodes for Efficient Potassium Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23596-23601.	7.2	30
75	Interface-hydrothermal synthesis and electrochemical properties of CoSx nanodots/poly(sodium-4-styrene sulfonate) functionalized multi-walled carbon nanotubes nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 181-185.	5.0	29
76	Intrinsic lithium storage mechanisms and superior electrochemical behaviors of monodispersed hierarchical CoCO <sub>3</sub> sub-microspheroids as a competitive anode towards Li-ion batteries. <i>Electrochimica Acta</i> , 2019, 307, 20-29.	2.6	28
77	Spatially Self-Confined Formation of Ultrafine NiCoO <sub>2</sub> Nanoparticles@Ultralong Amorphous N-Doped Carbon Nanofibers as an Anode towards Efficient Capacitive Li <sup>+</sup> Storage. <i>Chemistry - A European Journal</i> , 2019, 25, 863-873.	1.7	28
78	Single-Crystal Nano-Subunits Assembled Accordion-Shape WNb <sub>2</sub> O <sub>8</sub> Framework with High Ionic/Electronic Conductivities towards Li-ion Capacitors. <i>Small</i> , 2022, 18, e2107987.	5.2	28
79	Biomolecule-assisted hydrothermal approach towards synthesis of ultra-thin nanoporous $\gamma$ -Co(OH) <sub>2</sub> mesocrystal nanosheets for electrochemical capacitors. <i>CrystEngComm</i> , 2011, 13, 6130.	1.3	27
80	Rolled-up island-bridge (RIB): a new and general electrode configuration design for a wire-shaped stretchable micro-supercapacitor array. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2899-2911.	5.2	25
81	A Review of Metal Silicides for Lithium-Ion Battery Anode Application. <i>Acta Metallurgica Sinica (English Letters)</i> , 2021, 34, 291-308.	1.5	24
82	Polyvinylpyrrolidone gel based Pt/Ni(OH) <sub>2</sub> heterostructures with redistributing charges for enhanced alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27061-27071.	5.2	24
83	Green self-activation engineering of metal-organic framework derived hollow nitrogen-doped carbon spheres towards supercapacitors. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2932-2944.	5.2	24
84	Foxtail millet-derived highly fluorescent multi-heteroatom doped carbon quantum dots towards fluorescent inks and smart nanosensors for selective ion detection. <i>New Journal of Chemistry</i> , 2018, 42, 7326-7331.	1.4	22
85	Synthesis and supercapacitance of flower-like Co(OH) <sub>2</sub> hierarchical superstructures self-assembled by mesoporous nanobelts. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1519-1525.	1.2	21
86	Ultrafast spray pyrolysis fabrication of a nanophase ZnMn <sub>2</sub> O <sub>4</sub> anode towards high-performance Li-ion batteries. <i>RSC Advances</i> , 2015, 5, 13667-13673.	1.7	20
87	Self-sacrificial template formation of ultrathin single-crystalline ZnMn <sub>2</sub> O <sub>4</sub> nanoplates with enhanced Li-storage behaviors for Li-ion batteries. <i>RSC Advances</i> , 2016, 6, 2024-2027.	1.7	20
88	Morphology-controlled fabrication of hierarchical mesoporous NiCo <sub>2</sub> O <sub>4</sub> micro-/nanostructures and their intriguing application in electrochemical capacitors. <i>RSC Advances</i> , 2013, 3, 23709.	1.7	19
89	Microwave-assisted interfacial hydrothermal fabrication of hydrophobic CdWO <sub>4</sub> microspheres as a high-performance photocatalyst. <i>RSC Advances</i> , 2013, 4, 2374-2381.	1.7	19
90	Construction of a multi-dimensional flexible MnS based paper electrode with ultra-stable and high-rate capability towards efficient sodium storage. <i>Nanoscale</i> , 2020, 12, 4119-4127.	2.8	19

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91	Unveiling Intrinsic Potassium Storage Behaviors of Hierarchical Nano Bi@N-Doped Carbon Nanocages Framework via In Situ Characterizations. <i>Angewandte Chemie</i> , 2021, 133, 7256-7263.	1.6	19
92	Surfactant-assisted hydrothermal synthesis of ultrafine CoMoO <sub>4</sub> ·0.9H <sub>2</sub> O nanorods towards high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2015, 39, 5507-5512.	1.4	18
93	Construction of Hierarchical Nanotubes Assembled from Ultrathin V <sub>3</sub> S <sub>4</sub> @C Nanosheets towards Alkali-Ion Batteries with Ion-Dependent Electrochemical Mechanisms. <i>Angewandte Chemie</i> , 2020, 132, 2494-2503.	1.6	18
94	Lignite-derived mesoporous N- and O-enriched carbon sheet: a low-cost promising electrode for high-performance electrochemical capacitors. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 713-723.	1.2	17
95	MOFs Derived Hetero-ZnO/Fe <sub>2</sub> O <sub>3</sub> Nanoflowers with Enhanced Photocatalytic Performance towards Efficient Degradation of Organic Dyes. <i>Nanomaterials</i> , 2021, 11, 3239.	1.9	17
96	Metallic Mo <sub>2</sub> C Quantum Dots Confined in Functional Carbon Nanofiber Films toward Efficient Sodium Storage: Heterogeneous Interface Engineering and Charge-Storage Mechanism. <i>ACS Applied Energy Materials</i> , 2022, 5, 1114-1125.	2.5	16
97	Green interfacial synthesis of two-dimensional poly(2,5-dimethoxyaniline) nanosheets as a promising electrode for high performance electrochemical capacitors. <i>RSC Advances</i> , 2014, 4, 24773-24776.	1.7	12
98	A core-shell TiO <sub>2</sub> @C nano-architecture: facile synthesis, enhanced visible photocatalytic performance and electrochemical capacitance. <i>RSC Advances</i> , 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. <i>RSC Advances</i> , 2016, 6, 81527-81533.	1.7	12
100	An Aqueous Battery-Pseudocapacitor Hybrid Capacitor Based on Conductive Core-Shell NiCoSe <sub>2</sub> @Co <sub>9</sub> Se <sub>8</sub> Hollow Nanospheres Hybridized with Nanoscale Ru <sub>0.41</sub> In <sub>0.59</sub> O <sub>y</sub> . <i>Energy Technology</i> , 2020, 8, 1901319.	1.8	12
101	Hydrophobization Engineering of the Air-Cathode Catalyst for Improved Oxygen Diffusion towards Efficient Zinc-Air Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	12
102	Supercapacitors: Monodisperse Metallic NiCoSe <sub>2</sub> Hollow Sub-Microspheres: Formation Process, Intrinsic Charge-Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors ( <i>Adv. Funct. Mater.</i> 13/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870082.	7.8	11
103	Flexible MoO <sub>2</sub> Nanocrystals@N-Doped Carbon Nanofibers Film as a Self-Supporting Anode for Quasi-Solid State Sodium-Ion Batteries. <i>Energy Technology</i> , 2021, 9, .	1.8	11
104	Sodium tungsten bronze-supported Pt electrocatalysts for the high-performance hydrogen evolution reaction. <i>Catalysis Science and Technology</i> , 2022, 12, 4498-4510.	2.1	11
105	Coordination polymer nanowires/reduced graphene oxide paper as flexible anode for sodium-ion batteries. <i>Science China Materials</i> , 2020, 63, 1966-1972.	3.5	10
106	Sodium-Ion Batteries: A Ternary Fe <sub>1-x</sub> S@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries ( <i>Adv. Energy Mater.</i> 9/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970026.	10.2	9
107	Scalable Synthesis of One-Dimensional Mesoporous ZnMnO <sub>3</sub> Nanorods with Ultra-Stable and High Rate Capability for Efficient Lithium Storage. <i>Chemistry - A European Journal</i> , 2019, 25, 16683-16691.	1.7	8
108	Green Bio-template Fabrication of Fe Derivatives@Carbon Composites and Porous Carbon Sheets toward Advanced Li-Ion Capacitors as Low-Cost Electrodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 7159-7166.	2.5	8

#	ARTICLE	IF	CITATIONS
109	Hydrothermal synthesis of visible-light-driven hierarchical Bi <sub>3.84</sub> W <sub>0.16</sub> O <sub>6.24</sub> photocatalysts toward efficient degradation of methyl orange. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	7
110	Bi-Metal (Zn, Mn) Metal-Organic Framework-Derived ZnMnO <sub>3</sub> Microsheets Wrapped Uniformly with Polypyrrole Conductive Network toward High-Performance Li-ion Batteries. <i>Energy Technology</i> , 2020, 8, 1901218.	1.8	7
111	Rate Balance Design and Construction of a Conductive Ni <sub>0.5</sub> Co <sub>0.5</sub> MoO <sub>4</sub> Solid-Solution Microspherical Superstructure toward Advanced Hybrid Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 9470-9478.	2.5	7
112	Synthesis of Ru <sub>0.58</sub> In <sub>0.42</sub> O <sub>n</sub> ·nH <sub>2</sub> O nanoparticles dispersed onto poly(sodium-4-styrene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T	5.0	6
113	Facile Solvothermal Synthesis of Hollow BiOBr Submicrospheres with Enhanced Visible-Light-Responsive Photocatalytic Performance. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-12.	0.7	6
114	Designing Hierarchical Porous ZnO/ZnFe <sub>2</sub> O <sub>4</sub> Hybrid Nanofibers with Robust Core/Shell Heterostructure as Competitive Anodes for Efficient Lithium Storage. <i>Energy Technology</i> , 2021, 9, 2000869.	1.8	6
115	Template-free formation of one-dimensional mesoporous ZnMn <sub>2</sub> O <sub>4</sub> tube-in-tube nanofibers towards lithium-ion batteries as anode materials. <i>CrystEngComm</i> , 2021, 23, 7228-7236.	1.3	6
116	Construction of conductive Ni-Co-molybdate solid-solution nanoparticles encapsulated in carbon nanofibers towards Li-ion batteries as high-rate anodes. <i>Electrochimica Acta</i> , 2022, 402, 139564.	2.6	6
117	Efficient Lithium Storage of Si-Based Anode Enabled by a Dual-Component Protection Strategy. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	2.8	6
118	Efficient Activation Engineering from the Inside Out toward Hierarchically Porous Carbon Framework as Electrode Materials for Supercapacitors. <i>ACS Applied Energy Materials</i> , 2022, 5, 5719-5729.	2.5	6
119	Efficient electrospinning fabrication and the underlying formation mechanism of one-dimensional monoclinic Li <sub>2</sub> FeSiO <sub>4</sub> nanofibers. <i>CrystEngComm</i> , 2019, 21, 6340-6345.	1.3	4
120	Organic-Inorganic Hybridization Engineering of Polyperyleneimide Cathodes for Efficient Potassium Storage. <i>Angewandte Chemie</i> , 2021, 133, 23788.	1.6	4
121	Capacitors: Flexible Films Derived from Electrospun Carbon Nanofibers Incorporated with Co <sub>3</sub> O <sub>4</sub> Hollow Nanoparticles as Self-Supported Electrodes for Electrochemical Capacitors ( <i>Adv. Funct. Mater.</i> 31/2013). <i>Advanced Functional Materials</i> , 2013, 23, 3944-3944.	7.8	3
122	Lithium-ion Batteries: In Situ Synthesis of Hierarchical Core Double-Shell Ti-Doped LiMnPO <sub>4</sub> @NaTi <sub>2</sub> (PO) <sub>4</sub> (Adv. Energy Mater. 11/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970033.	10.2	3
123	Template-free construction of hollow ZnFe <sub>2</sub> O <sub>4</sub> nanotubes coated with a nano-carbon layer as a competitive anode for Li-ion batteries. <i>Nanoscale Advances</i> , 2020, 2, 2284-2287.	2.2	3
124	Recent Progress on In Situ/Operando Characterization of Rechargeable Alkali Ion Batteries. <i>ChemPlusChem</i> , 2021, 86, 1487-1496.	1.3	3
125	Polyacrylamide hydrogel-derived three-dimensional hierarchical porous N,S co-doped carbon frameworks for electrochemical capacitors. <i>New Journal of Chemistry</i> , 2020, 44, 21279-21287.	1.4	2
126	Lithium Storage: Efficient Laser-Induced Construction of Oxygen-Vacancy Abundant Nano-ZnCo <sub>2</sub> O <sub>4</sub> /Porous Reduced Graphene Oxide Hybrids toward Exceptional Capacitive Lithium Storage ( <i>Small</i> 32/2020). <i>Small</i> , 2020, 16, 2070179.	5.2	2

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127	FACILE SYNTHESIS AND UNUSUAL ELECTROCHEMICAL CAPACITANCE OF Ni-DOPED TITANATE NANOTUBES. Journal of Molecular and Engineering Materials, 2013, 01, 1340016.	0.9	0
128	Green Template-Free Synthesis of Hierarchical Shuttle-Shaped Mesoporous ZnFe <sub>2</sub> O <sub>4</sub> Microrods with Enhanced Lithium Storage for Advanced Li-Ion Batteries. Chemistry - A European Journal, 2015, 21, 12817-12817.	1.7	0
129	Supercapacitors: Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for High-Energy-Density Hybrid Supercapacitors (Adv. Electron. Mater. 2/2017). Advanced Electronic Materials, 2017, 3, .	2.6	0
130	Cathode Materials: Surface Interface Engineering of Hierarchical LiNi <sub>0.6</sub> Mn <sub>0.2</sub> Co <sub>0.2</sub> O <sub>2</sub> @LiCoPO <sub>4</sub> @Graphene Architectures as Promising High-Voltage Cathodes toward Advanced Li-Ion Batteries (Adv. Mater.)	1.9	0
131	Formation of solid-solution Co <sub>x</sub> Ni <sub>1-x</sub> CO <sub>3</sub> as high-performance anode materials for lithium-ion batteries. International Journal of Energy Research, 2022, 46, 9404-9413.	2.2	0