

Changzhou Yuan

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Subnanoscale Engineering of MoO ₂ Clusters for Enhanced Sodium Storage. Energy and Environmental Materials, 2023, 6, . | 7.3 | 34 |
| 2 | Construction of conductive NiCoMoolybdate solid-solution nanoparticles encapsulated in carbon nanofibers towards Li-ion batteries as high-rate anodes. Electrochimica Acta, 2022, 402, 139564. | 2.6 | 6 |
| 3 | Non-lithium-based metal ion capacitors: recent advances and perspectives. Journal of Materials Chemistry A, 2022, 10, 357-378. | 5.2 | 34 |
| 4 | Interconnected N/P co-doped carbon nanocage as high capacitance electrode material for energy storage devices. Nano Research, 2022, 15, 4068-4075. | 5.8 | 43 |
| 5 | Green self-activation engineering of metal-organic framework derived hollow nitrogen-doped carbon spheres towards supercapacitors. Journal of Materials Chemistry A, 2022, 10, 2932-2944. | 5.2 | 24 |
| 6 | 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 |
| 7 | Single-Crystal Nano-Subunits Assembled Accordion-Shape WNb ₂ O ₈ Framework with High Ionic/Electronic Conductivities towards Li-ion Capacitors. Small, 2022, 18, e2107987. | 5.2 | 28 |
| 8 | Hydrophobization Engineering of the Air-Cathode Catalyst for Improved Oxygen Diffusion towards Efficient Zinc-Air Batteries. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 72 |
| 9 | Hydrophobization Engineering of the Air-Cathode Catalyst for Improved Oxygen Diffusion towards Efficient Zinc-Air Batteries. Angewandte Chemie, 2022, 134, . | 1.6 | 12 |
| 10 | Formation of solid-solution CoNiCO ₃ as high-performance anode materials for lithium-ion batteries. International Journal of Energy Research, 2022, 46, 9404-9413. | 2.2 | 0 |
| 11 | Metallic Mo ₂ C 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 |
| 12 | Efficient Lithium Storage of Si-Based Anode Enabled by a Dual-Component Protection Strategy. Advanced Energy and Sustainability Research, 2022, 3, . | 2.8 | 6 |
| 13 | 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 |
| 14 | Sodium tungsten bronze-supported Pt electrocatalysts for the high-performance hydrogen evolution reaction. Catalysis Science and Technology, 2022, 12, 4498-4510. | 2.1 | 11 |
| 15 | A Review of Metal Silicides for Lithium-Ion Battery Anode Application. Acta Metallurgica Sinica (English Letters), 2021, 34, 291-308. | 1.5 | 24 |
| 16 | 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 |
| 17 | Flexible MoO ₂ Nanocrystals@N-doped Carbon Nanofibers Film as a Self-Supporting Anode for Quasi-Solid-State Sodium-ion Batteries. Energy Technology, 2021, 9, . | 1.8 | 11 |
| 18 | Template-free formation of one-dimensional mesoporous ZnMn ₂ O ₄ tube-in-tube nanofibers towards lithium-ion batteries as anode materials. CrystEngComm, 2021, 23, 7228-7236. | 1.3 | 6 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Construction and Operating Mechanism of High-Rate Mo-Doped Na ₃ V ₂ (PO ₄) ₃ @C Nanowires toward Practicable Wide-Temperature-Tolerance Na-ion and Hybrid Li/Na-ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2100287. | 10.2 | 88 |
| 22 | Laser irradiation construction of nanomaterials toward electrochemical energy storage and conversion: Ongoing progresses and challenges. <i>Informa-An-Materi-ly</i> , 2021, 3, 1393-1421. | 8.5 | 46 |
| 23 | Rate Balance Design and Construction of a Conductive Ni _{0.5} Co _{0.5} MoO ₄ Solid-Solution Microspherical Superstructure toward Advanced Hybrid Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 9470-9478. | 2.5 | 7 |
| 24 | Organic-Inorganic Hybridization Engineering of Polypyrrolenediimide Cathodes for Efficient Potassium Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23596-23601. | 7.2 | 30 |
| 25 | Organic-Inorganic Hybridization Engineering of Polypyrrolenediimide Cathodes for Efficient Potassium Storage. <i>Angewandte Chemie</i> , 2021, 133, 23788. | 1.6 | 4 |
| 26 | 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 |
| 27 | Formation and operating mechanisms of single-crystalline perovskite NaNbO ₃ nanocubes/few-layered Nb ₂ CT _x MXene hybrids towards Li-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20405-20416. | 5.2 | 48 |
| 28 | Magnetic Field Assisted Construction of Hollow Red P Nanospheres Confined in Hierarchical N-Doped Carbon Nanosheets/Nanotubes 3D Framework for Efficient Potassium Storage. <i>Advanced Energy Materials</i> , 2021, 11, 2003429. | 10.2 | 47 |
| 29 | Recent Progress on In Situ/Operando Characterization of Rechargeable Alkali Ion Batteries. <i>ChemPlusChem</i> , 2021, 86, 1487-1496. | 1.3 | 3 |
| 30 | MOFs Derived Hetero-ZnO/Fe ₂ O ₃ Nanoflowers with Enhanced Photocatalytic Performance towards Efficient Degradation of Organic Dyes. <i>Nanomaterials</i> , 2021, 11, 3239. | 1.9 | 17 |
| 31 | Polyvinylpyrrolidone gel based Pt/Ni(OH) ₂ heterostructures with redistributing charges for enhanced alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27061-27071. | 5.2 | 24 |
| 32 | 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 |
| 33 | An Aqueous Battery-Pseudocapacitor Hybrid Capacitor Based on Conductive Core-Shell NiCoSe ₂ @Co ₉ Se ₈ Hollow Nanospheres Hybridized with Nanoscale Ru 0.41 In 0.59 O y. <i>Energy Technology</i> , 2020, 8, 1901319. | 1.8 | 12 |
| 34 | Bi-Metal (Zn, Mn) Metal-Organic Framework-Derived ZnMnO ₃ Micro-Sheets Wrapped Uniformly with Polypyrrole Conductive Network toward High-Performance Li-ion Batteries. <i>Energy Technology</i> , 2020, 8, 1901218. | 1.8 | 7 |
| 35 | Construction of Hierarchical Nanotubes Assembled from Ultrathin V ₃ S ₄ @C Nanosheets towards Alkali-ion Batteries with Ion-Dependent Electrochemical Mechanisms. <i>Angewandte Chemie</i> , 2020, 132, 2494-2503. | 1.6 | 18 |
| 36 | Construction of Hierarchical Nanotubes Assembled from Ultrathin V ₃ S ₄ @C Nanosheets towards Alkali-ion Batteries with Ion-Dependent Electrochemical Mechanisms. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2473-2482. | 7.2 | 199 |

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|----|---|-----|-----------|
| 37 | In-plane Assembled Single-Crystalline Nb_2O_5 Nanorods Derived from Few-Layered Nb_2CT_x MXene Nanosheets for Advanced Li-ion Capacitors. <i>Small Methods</i> , 2020, 4, 2000630. | 4.6 | 87 |
| 38 | 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 |
| 39 | Lithium Storage: Efficient Laser-Induced Construction of Oxygen-Vacancy Abundant Nano- ZnCo_2O_4 /Porous Reduced Graphene Oxide Hybrids toward Exceptional Capacitive Lithium Storage (<i>Small</i> 32/2020). <i>Small</i> , 2020, 16, 2070179. | 5.2 | 2 |
| 40 | Template-free construction of hollow ZnFe_2O_4 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | Design and construction of bi-metal MOF-derived yolk-shell $\text{Ni}_2\text{P}/\text{ZnP}_2$ hollow microspheres for efficient electrocatalytic oxygen evolution. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1366-1374. | 3.2 | 37 |
| 44 | 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 |
| 45 | Efficient Laser-Induced Construction of Oxygen-Vacancy Abundant Nano- ZnCo_2O_4 /Porous Reduced Graphene Oxide Hybrids toward Exceptional Capacitive Lithium Storage. <i>Small</i> , 2020, 16, e2001526. | 5.2 | 48 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | Conductive metal-organic frameworks: Recent advances in electrochemical energy-related applications and perspectives. , 2020, 2, 203-222. | | 75 |
| 50 | Formation of Nanodimensional NiCo_2O_4 Encapsulated in Porous Nitrogen-Doped Carbon Submicrospheres from a Bimetallic (Ni, Co) Organic Framework toward Efficient Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32052-32061. | 4.0 | 38 |
| 51 | A two-dimensional assembly of ultrafine cobalt oxide nanocrystallites anchored on single-layer $\text{Ti}_3\text{C}_2\text{T}_x$ nanosheets with enhanced lithium storage for Li-ion batteries. <i>Nanoscale</i> , 2019, 11, 16755-16766. | 2.8 | 35 |
| 52 | Unusual formation of hollow NiCo_2O_4 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 |
| 53 | General and Scalable Fabrication of Core-Shell Metal Sulfides@C Anchored on 3D N-Doped Foam toward Flexible Sodium Ion Batteries. <i>Small</i> , 2019, 15, e1903259. | 5.2 | 62 |
| 54 | Bottom-Up Fabrication of 1D Cu-based Conductive Metal-Organic Framework Nanowires as a High-Rate Anode towards Efficient Lithium Storage. <i>ChemSusChem</i> , 2019, 12, 5051-5058. | 3.6 | 73 |

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|----|--|------|-----------|
| 55 | Scalable Synthesis of One-Dimensional Mesoporous ZnMnO ₃ 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 |
| 56 | Recent progress in flexible non-lithium based rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4353-4382. | 5.2 | 91 |
| 57 | Hollow mesoporous hetero-ZnO/ZnMnO ₃ 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 |
| 58 | One-Dimensional Nanostructured Pseudocapacitive Materials: Design, Synthesis and Applications in Supercapacitors. <i>Batteries and Supercaps</i> , 2019, 2, 820-841. | 2.4 | 92 |
| 59 | Synthesis of ultralong ZnFe ₂ O ₄ @polypyrrole nanowires with enhanced electrochemical Li-storage behaviors for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 306, 198-208. | 2.6 | 54 |
| 60 | Lithium-Ion Batteries: In Situ Synthesis of Hierarchical Core Double-Shell Ti-Doped LiMnPO ₄ @NaTi ₂ (PO) ₄ (Adv. Energy Mater. 11/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970033. | 10.2 | 3 |
| 61 | Sodium-Ion Batteries: A Ternary Fe _{1-x} S@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries (Adv. Energy Mater. 9/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970026. | 10.2 | 9 |
| 62 | Intrinsic lithium storage mechanisms and superior electrochemical behaviors of monodispersed hierarchical CoCO ₃ sub-microspheroids as a competitive anode towards Li-ion batteries. <i>Electrochimica Acta</i> , 2019, 307, 20-29. | 2.6 | 28 |
| 63 | Comparative investigations of high-rate NaCrO ₂ 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 |
| 64 | In Situ Synthesis of Hierarchical Core Double-Shell Ti-Doped LiMnPO ₄ @NaTi ₂ (PO) ₄ @C/3D Graphene Cathode with High-Rate Capability and Long Cycle Life for Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1802847. | 10.2 | 83 |
| 65 | 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 |
| 66 | Conductive Co-based metal-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 |
| 67 | Efficient electrospinning fabrication and the underlying formation mechanism of one-dimensional monoclinic Li ₂ FeSiO ₄ nanofibers. <i>CrystEngComm</i> , 2019, 21, 6340-6345. | 1.3 | 4 |
| 68 | Construction of 1D conductive Ni-MOF nanorods with fast Li ⁺ 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 |
| 69 | A Ternary Fe _{1-x} 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 |
| 70 | 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 |
| 71 | Ultralong Layered NaCrO ₂ Nanowires: A Competitive Wide-Temperature-Operating Cathode for Extraordinary High-Rate Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4037-4046. | 4.0 | 57 |
| 72 | Spatially Self-Confined Formation of Ultrafine NiCoO ₂ Nanoparticles@Ultralong Amorphous N-Doped Carbon Nanofibers as an Anode towards Efficient Capacitive Li ⁺ Storage. <i>Chemistry - A European Journal</i> , 2019, 25, 863-873. | 1.7 | 28 |

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| 73 | Universal FeCl ₃ -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 |
| 74 | Supercapacitors: Monodisperse Metallic NiCoSe ₂ Hollow Sub- μ Microspheres: Formation Process, Intrinsic Charge-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 |
| 75 | 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 |
| 76 | Monodisperse Metallic NiCoSe ₂ Hollow Sub- μ Microspheres: Formation Process, Intrinsic Charge-Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors. Advanced Functional Materials, 2018, 28, 1705921. | 7.8 | 214 |
| 77 | Nasicon-Type Surface Functional Modification in Core-Shell LiNi _{0.5} Mn _{0.3} Co _{0.2} O ₂ @NaTi ₂ (PO ₄) 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 |
| 78 | 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 |
| 79 | Structure-designed synthesis of yolk-shell hollow ZnFe ₂ O ₄ /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 |
| 80 | Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for High-Energy-Density Hybrid Superapacitors. Advanced Electronic Materials, 2017, 3, 1600322. | 2.6 | 38 |
| 81 | Supercapacitors: Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for High-Energy-Density Hybrid Superapacitors (Adv. Electron. Mater. 2/2017). Advanced Electronic Materials, 2017, 3, . | 2.6 | 0 |
| 82 | 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 |
| 83 | Surfactant-Free Interface Engineering of Hierarchical LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂ @LiCoPO ₄ @Graphene Architectures as Promising High-Voltage Cathodes toward Advanced Li-Ion Batteries. Advanced Materials Interfaces. 2017, 4, 1700382. | 1.9 | 38 |
| 84 | Cathode Materials: Surfactant-Free Interface Engineering of Hierarchical LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂ @LiCoPO ₄ @Graphene Architectures as Promising High-Voltage Cathodes toward Advanced Li-Ion Batteries (Adv. Mater.) Tj ETQq0 0 0 r g B T / O v e r f l o c k 10 T F | 1.9 | 0 |
| 85 | Hollow mesoporous hetero-NiCo ₂ S ₄ /Co ₉ S ₈ submicro-spindles: unusual formation and excellent pseudocapacitance towards hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 133-144. | 5.2 | 249 |
| 86 | Recent Progresses and Development of Advanced Atomic Layer Deposition towards High-Performance Li-Ion Batteries. Nanomaterials, 2017, 7, 325. | 1.9 | 41 |
| 87 | Anion-Exchange Formation of Hollow NiCo ₂ S ₄ Nanoboxes from Mesocrystalline Nickel Cobalt Carbonate Nanocubes towards Enhanced Pseudocapacitive Properties. ChemPlusChem, 2016, 81, 557-563. | 1.3 | 76 |
| 88 | 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 |
| 89 | Self-sacrifice Template Formation of Hollow Hetero-Ni ₇ S ₆ /Co ₃ S ₄ Nanoboxes with Intriguing Pseudo-capacitance for High-performance Electrochemical Capacitors. Scientific Reports, 2016, 6, 20973. | 1.6 | 89 |
| 90 | 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 |

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|-----|--|-----|-----------|
| 91 | Self-sacrificial template formation of ultrathin single-crystalline ZnMn ₂ O ₄ nanoplates with enhanced Li-storage behaviors for Li-ion batteries. RSC Advances, 2016, 6, 2024-2027. | 1.7 | 20 |
| 92 | Hierarchical sulfur-impregnated hydrogenated TiO ₂ mesoporous spheres comprising anatase nanosheets with highly exposed (001) facets for advanced Li-S batteries. Nanotechnology, 2016, 27, 045403. | 1.3 | 40 |
| 93 | Green Template-Free Synthesis of Hierarchical Shuttle-Shaped Mesoporous ZnFe ₂ O ₄ Microrods with Enhanced Lithium Storage for Advanced Li-Ion Batteries. Chemistry - A European Journal, 2015, 21, 13012-13019. | 1.7 | 55 |
| 94 | Hierarchical Porous ZnMn ₂ O ₄ Hollow Nanotubes with Enhanced Lithium Storage toward Lithium-Ion Batteries. Chemistry - A European Journal, 2015, 21, 10771-10777. | 1.7 | 86 |
| 95 | Green Template-Free Synthesis of Hierarchical Shuttle-Shaped Mesoporous ZnFe ₂ O ₄ Microrods with Enhanced Lithium Storage for Advanced Li-Ion Batteries. Chemistry - A European Journal, 2015, 21, 12817-12817. | 1.7 | 0 |
| 96 | Ultrafast spray pyrolysis fabrication of a nanophase ZnMn ₂ O ₄ anode towards high-performance Li-ion batteries. RSC Advances, 2015, 5, 13667-13673. | 1.7 | 20 |
| 97 | A core-shell TiO ₂ @C nano-architecture: facile synthesis, enhanced visible photocatalytic performance and electrochemical capacitance. RSC Advances, 2015, 5, 62424-62432. | 1.7 | 12 |
| 98 | Heterostructured core-shell ZnMn ₂ O ₄ nanosheets@carbon nanotubes™ coaxial nanocables: a competitive anode towards high-performance Li-ion batteries. Nanotechnology, 2015, 26, 145401. | 1.3 | 55 |
| 99 | Surfactant-assisted hydrothermal synthesis of ultrafine CoMoO ₄ ·0.9H ₂ O nanorods towards high-performance supercapacitors. New Journal of Chemistry, 2015, 39, 5507-5512. | 1.4 | 18 |
| 100 | Hydrothermal synthesis of visible-light-driven hierarchical Bi _{3.84} WO _{6.24} photocatalysts toward efficient degradation of methyl orange. Journal of Nanoparticle Research, 2015, 17, 1. | 0.8 | 7 |
| 101 | Core-shell ZnO/ZnFe ₂ O ₄ @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 |
| 102 | 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 |
| 103 | Self-Sacrifice Template Fabrication of Hierarchical Mesoporous Bi-Component Active ZnO/ZnFe ₂ O ₄ Sub-Microcubes as Superior Anode Towards High-Performance Lithium-Ion Battery. Advanced Functional Materials, 2015, 25, 238-246. | 7.8 | 334 |
| 104 | Scalable Room-Temperature Synthesis of Mesoporous Nanocrystalline ZnMn ₂ O ₄ with Enhanced Lithium Storage Properties for Lithium-Ion Batteries. Chemistry - A European Journal, 2015, 21, 1262-1268. | 1.7 | 62 |
| 105 | Mixed Transition-Metal Oxides: Design, Synthesis, and Energy-Related Applications. Angewandte Chemie - International Edition, 2014, 53, 1488-1504. | 7.2 | 2,019 |
| 106 | Template-Free Fabrication of Mesoporous Hollow ZnMn ₂ O ₄ Sub-Microspheres with Enhanced Lithium Storage Capability towards High-Performance Li-Ion Batteries. Particle and Particle Systems Characterization, 2014, 31, 657-663. | 1.2 | 68 |
| 107 | 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 |
| 108 | Rapid low-temperature synthesis of mesoporous nanophase ZnFe ₂ O ₄ with enhanced lithium storage properties for Li-ion batteries. RSC Advances, 2014, 4, 49212-49218. | 1.7 | 50 |

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| 109 | One-step hydrothermal fabrication of strongly coupled Co ₃ O ₄ nanosheets/reduced graphene oxide for electrochemical capacitors. RSC Advances, 2014, 4, 14408-14413. | 1.7 | 71 |
| 110 | Green Template-Free Synthesis of Mesoporous Ternary CoNi-Mn Oxide Nanowires Towards High-Performance Electrochemical Capacitors. Particle and Particle Systems Characterization, 2014, 31, 778-787. | 1.2 | 38 |
| 111 | Template-engaged synthesis of uniform mesoporous hollow NiCo ₂ O ₄ sub-microspheres towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 18573. | 1.7 | 118 |
| 112 | Polymer-assisted synthesis of a 3D hierarchical porous network-like spinel NiCo ₂ O ₄ framework towards high-performance electrochemical capacitors. Journal of Materials Chemistry A, 2013, 1, 11145. | 5.2 | 160 |
| 113 | Morphology-controlled fabrication of hierarchical mesoporous NiCo ₂ O ₄ micro-/nanostructures and their intriguing application in electrochemical capacitors. RSC Advances, 2013, 3, 23709. | 1.7 | 19 |
| 114 | Facile synthesis of Co ₂ P ₂ O ₇ nanorods as a promising pseudocapacitive material towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 21558. | 1.7 | 44 |
| 115 | Flexible Films Derived from Electrospun Carbon Nanofibers Incorporated with Co ₃ O ₄ Hollow Nanoparticles as Self-Supported Electrodes for Electrochemical Capacitors. Advanced Functional Materials, 2013, 23, 3909-3915. | 7.8 | 233 |
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