Gen Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

4,359
citations

h-index

63
g-index

7.665
ext. papers

9.2
ext. citations

9.2
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 116 | Flower-like CuCoMoOx nanosheets decorated with CoCu nanoparticles as bifunctional electrocatalysts for hydrogen evolution reaction and water splitting. <i>Electrochimica Acta</i> , 2022 , 404, 139748 | 6.7 | 5 |
| 115 | A Ternary Molten Salt Approach for Direct Regeneration of LiNi Co Mn O Cathode Small, 2022, e21067 | 19 | 3 |
| 114 | Carbon coated Nb2O5 nanosheets via dopamine-induced phase transition for high-rate lithium-ion battery. <i>Journal of Power Sources</i> , 2022 , 530, 231274 | 8.9 | 2 |
| 113 | N-doped bimetallic sulfides hollow spheres derived from metal-organic frameworks toward cost-efficient and high performance oxygen evolution reaction. <i>Applied Surface Science</i> , 2022 , 591, 1537 | 173 | 2 |
| 112 | Ruthenium composited NiCo2O4 spinel nanocones with oxygen vacancies as a high-efficient bifunctional catalyst for overall water splitting. <i>Chemical Engineering Journal</i> , 2022 , 137037 | 14.7 | 5 |
| 111 | 3D multicore-shell CoSn nanoboxes encapsulated in porous carbon as anode for lithium-ion batteries. <i>Chinese Chemical Letters</i> , 2021 , | 8.1 | 2 |
| 110 | Electrolyte Modulators towards Polarization Mitigated Lithium-Ion Batteries for Sustainable Electric Transportation. <i>Advanced Materials</i> , 2021 , e2107787 | 24 | 1 |
| 109 | Silicon nanosheets derived from silicate minerals: controllable synthesis and energy storage application. <i>Nanoscale</i> , 2021 , 13, 18410-18420 | 7.7 | 1 |
| 108 | Machine Learning in Screening High Performance Electrocatalysts for CO Reduction <i>Small Methods</i> , 2021 , 5, e2100987 | 12.8 | 8 |
| 107 | Double Confined MoO/Sn/NC@NC Nanotubes: Solid-Liquid Synthesis, Conformal Transformation, and Excellent Lithium-Ion Storage. <i>ACS Applied Materials & District Materials</i> (2021), 13, 19836-19845 | 9.5 | 5 |
| 106 | Synergistic integration of metal nanoclusters and biomolecules as hybrid systems for therapeutic applications. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 1175-1199 | 15.5 | 7 |
| 105 | Large scale preparation of 20 cm I20 cm graphene modified carbon felt for high performance vanadium redox flow battery. <i>Nano Research</i> , 2021 , 14, 3538-3544 | 10 | 9 |
| 104 | Insights into the critical dual-effect of acid treatment on ZnxCd1-xS for enhanced photocatalytic production of syngas under visible light. <i>Applied Catalysis B: Environmental</i> , 2021 , 288, 119976 | 21.8 | 15 |
| 103 | Exyclodextrin as Lithium-ion Diffusion Channel with Enhanced Kinetics for Stable Silicon Anode. Energy and Environmental Materials, 2021 , 4, 72-80 | 13 | 8 |
| 102 | Carbon Nanotube Supported Amorphous MoS2 via Microwave Heating Synthesis for Enhanced Performance of Hydrogen Evolution Reaction. <i>Energy Material Advances</i> , 2021 , 2021, 1-8 | 1 | 4 |
| 101 | Tuning Interfacial Active Sites over Porous MoN-Supported Cobalt Sulfides for Efficient Hydrogen Evolution Reactions in Acid and Alkaline Electrolytes. <i>ACS Applied Materials & Distriction</i> 13, 41573-41583 | 9.5 | 5 |
| 100 | Lithium doped nickel oxide nanocrystals with a tuned electronic structure for oxygen evolution reaction. <i>Chemical Communications</i> , 2021 , 57, 6070-6073 | 5.8 | 5 |

(2020-2021)

| 99 | Photo-irradiation tunes highly active sites over ENi(OH) nanosheets for the electrocatalytic oxygen evolution reaction. <i>Chemical Communications</i> , 2021 , 57, 9060-9063 | 5.8 | 2 |
|----|--|------|-----|
| 98 | Montmorillonite: A structural evolution from bulk through unilaminar nanolayers to nanotubes. <i>Applied Clay Science</i> , 2020 , 194, 105695 | 5.2 | 13 |
| 97 | Stabilizing CuGaS by crystalline CdS through an interfacial Z-scheme charge transfer for enhanced photocatalytic CO reduction under visible light. <i>Nanoscale</i> , 2020 , 12, 8693-8700 | 7.7 | 24 |
| 96 | Metal-Organic Framework Hexagonal Nanoplates: Bottom-up Synthesis, Topotactic Transformation, and Efficient Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7317-7321 | 16.4 | 75 |
| 95 | Composition Tuning of Ultrafine Cobalt-Based Spinel Nanoparticles for Efficient Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5534-5543 | 8.3 | 4 |
| 94 | Multi-shelled cobalt-nickel oxide/phosphide hollow spheres for an efficient oxygen evolution reaction. <i>Dalton Transactions</i> , 2020 , 49, 10918-10927 | 4.3 | 6 |
| 93 | Synthesis of Co(II)-Fe(III) Hydroxide Nanocones with Mixed Octahedral/Tetrahedral Coordination toward Efficient Electrocatalysis. <i>Chemistry of Materials</i> , 2020 , 32, 4232-4240 | 9.6 | 17 |
| 92 | Manipulating the ion-transfer kinetics and interface stability for high-performance zinc metal anodes. <i>Energy and Environmental Science</i> , 2020 , 13, 503-510 | 35.4 | 378 |
| 91 | Edge-sited Fe-N4 atomic species improve oxygen reduction activity via boosting O2 dissociation. <i>Applied Catalysis B: Environmental</i> , 2020 , 265, 118593 | 21.8 | 33 |
| 90 | 3D Network Binder via In Situ Cross-Linking on Silicon Anodes with Improved Stability for Lithium-Ion Batteries. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 1900414 | 2.6 | 19 |
| 89 | Layered Metal Hydroxides and Their Derivatives: Controllable Synthesis, Chemical Exfoliation, and Electrocatalytic Applications. <i>Advanced Energy Materials</i> , 2020 , 10, 1902535 | 21.8 | 48 |
| 88 | Two-dimensional NiSe2 nanosheets on carbon fiber cloth for high-performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020 , 821, 153218 | 5.7 | 15 |
| 87 | Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. <i>Nature Communications</i> , 2020 , 11, 5215 | 17.4 | 47 |
| 86 | Ultrathin Nanosheet-Assembled Co-Fe Hydroxide Nanotubes: Sacrificial Template Synthesis, Topotactic Transformation, and Their Application as Electrocatalysts for Efficient Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 46578-46587 | 9.5 | 5 |
| 85 | A robust and lithiophilic three-dimension framework of CoO nanorod arrays on carbon cloth for cycling-stable lithium metal anodes. <i>Materials Today Energy</i> , 2020 , 18, 100520 | 7 | 8 |
| 84 | Covalently Bonded Si-Polymer Nanocomposites Enabled by Mechanochemical Synthesis as Durable Anode Materials. <i>ACS Applied Materials & Samp; Interfaces</i> , 2020 , 12, 39127-39134 | 9.5 | 4 |
| 83 | Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 2003055 | 15.6 | 18 |
| 82 | Serpentine CoxNi3-xGe2O5(OH)4 nanosheets with tuned electronic energy bands for highly efficient oxygen evolution reaction in alkaline and neutral electrolytes. <i>Applied Catalysis B:</i> Environmental, 2020 , 260, 118184 | 21.8 | 17 |

| 81 | Bio-inspired synthesis of nanomaterials and smart structures for electrochemical energy storage and conversion. <i>Nano Materials Science</i> , 2020 , 2, 264-280 | 10.2 | 14 |
|-------------|---|-------------------------|----------------------|
| 80 | Synthesis of silicon nanosheets from kaolinite as a high-performance anode material for lithium-ion batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 137, 109227 | 3.9 | 19 |
| 79 | Activating Hematite Nanoplates via Partial Reduction for Electrocatalytic Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11841-11849 | 8.3 | 18 |
| 78 | Thermally Robust Porous Bimetallic (Ni Pt) Alloy Mesocrystals within Carbon Framework: High-Performance Catalysts for Oxygen Reduction and Hydrogenation Reactions. <i>ACS Applied Materials & Amp; Interfaces</i> , 2019 , 11, 21435-21444 | 9.5 | 9 |
| 77 | Heterostructured NiFe oxide/phosphide nanoflakes for efficient water oxidation. <i>Dalton Transactions</i> , 2019 , 48, 8442-8448 | 4.3 | 5 |
| 76 | Activity enhancement of layered cobalt hydroxide nanocones by tuning interlayer spacing and phosphidation for electrocatalytic water oxidation in neutral solutions. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1744-1752 | 6.8 | 6 |
| 75 | All-in-one surface engineering strategy on nickel phosphide arrays towards a robust electrocatalyst for hydrogen evolution reaction. <i>Journal of Power Sources</i> , 2019 , 429, 46-54 | 8.9 | 25 |
| 74 | Ag1.69Sb2.27O6.25 coupled carbon nitride photocatalyst with high redox potential for efficient multifunctional environmental applications. <i>Applied Surface Science</i> , 2019 , 487, 82-90 | 6.7 | 8 |
| 73 | A-site Excessive (La0.8Sr0.2)1+xMnO3 Perovskite Oxides for Bifunctional Oxygen Catalyst in Alkaline Media. <i>ACS Catalysis</i> , 2019 , 9, 5074-5083 | 13.1 | 47 |
| 72 | Anion-Sorbent Composite Separators for High-Rate Lithium-Ion Batteries. <i>Advanced Materials</i> , 2019 | 2.4 | 102 |
| | , 31, e1808338 | 24 | 103 |
| 71 | 2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , 2019 , 15, e1900348 | 11 | 62 |
| 71 70 | 2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic | <u>'</u> | 62 |
| | 2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , 2019 , 15, e1900348 Well-dispersed phosphorus nanocrystals within carbon via high-energy mechanical milling for high | 11 | 62 |
| 70 | 2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , 2019 , 15, e1900348 Well-dispersed phosphorus nanocrystals within carbon via high-energy mechanical milling for high performance lithium storage. <i>Nano Energy</i> , 2019 , 59, 464-471 Constructing Conductive Interfaces between Nickel Oxide Nanocrystals and Polymer Carbon Nitride for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , | 11 | 62 49 |
| 70 69 | 2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , 2019 , 15, e1900348 Well-dispersed phosphorus nanocrystals within carbon via high-energy mechanical milling for high performance lithium storage. <i>Nano Energy</i> , 2019 , 59, 464-471 Constructing Conductive Interfaces between Nickel Oxide Nanocrystals and Polymer Carbon Nitride for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2019 , 29, 1904020 Quick Optical Identification of the Defect Formation in Monolayer WSe for Growth Optimization. | 11 17.1 15.6 | 62 49 70 |
| 7° 69 68 | 2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , 2019 , 15, e1900348 Well-dispersed phosphorus nanocrystals within carbon via high-energy mechanical milling for high performance lithium storage. <i>Nano Energy</i> , 2019 , 59, 464-471 Constructing Conductive Interfaces between Nickel Oxide Nanocrystals and Polymer Carbon Nitride for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2019 , 29, 1904020 Quick Optical Identification of the Defect Formation in Monolayer WSe for Growth Optimization. <i>Nanoscale Research Letters</i> , 2019 , 14, 274 Cobalt iron phosphide nanoparticles embedded within a carbon matrix as highly efficient | 11 17.1 15.6 | 62 49 70 16 |
| 7° 69 68 67 | 2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , 2019 , 15, e1900348 Well-dispersed phosphorus nanocrystals within carbon via high-energy mechanical milling for high performance lithium storage. <i>Nano Energy</i> , 2019 , 59, 464-471 Constructing Conductive Interfaces between Nickel Oxide Nanocrystals and Polymer Carbon Nitride for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2019 , 29, 1904020 Quick Optical Identification of the Defect Formation in Monolayer WSe for Growth Optimization. <i>Nanoscale Research Letters</i> , 2019 , 14, 274 Cobalt iron phosphide nanoparticles embedded within a carbon matrix as highly efficient electrocatalysts for the oxygen evolution reaction. <i>Chemical Communications</i> , 2019 , 55, 9212-9215 Hydrothermal synthesis of three-dimensional core-shell hollow N-doped carbon encapsulating SnO2@CoO nanospheres for high-performance lithium-ion batteries. <i>Materials Today Energy</i> , 2019 , | 11 17.1 15.6 5 | 62 49 70 16 |

(2018-2019)

| 63 | Post-synthesis isomorphous substitution of layered Co-Mn hydroxide nanocones with graphene oxide as high-performance supercapacitor electrodes. <i>Nanoscale</i> , 2019 , 11, 6165-6173 | 7.7 | 31 |
|----|--|---------------------|-----|
| 62 | Facile synthesis and characterization of halloysite@W18O49 nanocomposite with enhanced photocatalytic properties. <i>Applied Clay Science</i> , 2019 , 183, 105319 | 5.2 | 7 |
| 61 | Interfacial engineering of MoC-MoC heteronanowires for high performance hydrogen evolution reactions. <i>Nanoscale</i> , 2019 , 11, 23318-23329 | 7.7 | 33 |
| 60 | Engineering of carbon and other protective coating layers for stabilizing silicon anode materials 2019 , 1, 219-245 | | 43 |
| 59 | Self-Supported Fe-Doped CoP Nanowire Arrays Grown on Carbon Cloth with Enhanced Properties in Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019 , 2, 406-412 | 6.1 | 20 |
| 58 | Advanced Electrocatalytic Performance of Ni-Based Materials for Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 341-349 | 8.3 | 27 |
| 57 | Improved Sorption-Enhanced Steam Methane Reforming via Calcium Oxide B ased Sorbents with Targeted Morphology. <i>Energy Technology</i> , 2019 , 7, 1800807 | 3.5 | 7 |
| 56 | Engineering Molybdenum Diselenide and Its Reduced Graphene Oxide Hybrids for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2143-2152 | 5.6 | 13 |
| 55 | Effective regeneration of LiCoO2 from spent lithium-ion batteries: a direct approach towards high-performance active particles. <i>Green Chemistry</i> , 2018 , 20, 851-862 | 10 | 178 |
| 54 | Ni2P2O7 Nanoarrays with Decorated C3N4 Nanosheets as Efficient Electrode for Supercapacitors. <i>ACS Applied Energy Materials</i> , 2018 , 1, 2016-2023 | 6.1 | 26 |
| 53 | Rare-earth-doped yttrium oxide nanoplatelets and nanotubes: controllable fabrication, topotactic transformation and upconversion luminescence. <i>CrystEngComm</i> , 2018 , 20, 5025-5032 | 3.3 | 6 |
| 52 | Facile synthesis of porous FeCo2O4 nanowire arrays on flexible carbon cloth with superior lithium storage properties. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 122, 261-267 | 3.9 | 26 |
| 51 | Scalable Synthesis of Uniform Nanosized Microporous Carbon Particles from Rigid Polymers for Rapid Ion and Molecule Adsorption. <i>ACS Applied Materials & Amp; Interfaces</i> , 2018 , 10, 25429-25437 | 9.5 | 5 |
| 50 | Binder-Free Co4N Nanoarray on Carbon Cloth as Flexible High-Performance Anode for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4432-4439 | 6.1 | 11 |
| 49 | Iron-decorated nitrogen-rich carbons as efficient oxygen reduction electrocatalysts for Zn-air batteries. <i>Nanoscale</i> , 2018 , 10, 16996-17001 | 7.7 | 21 |
| 48 | Interconnected silicon nanoparticles originated from halloysite nanotubes through the magnesiothermic reduction: A high-performance anode material for lithium-ion batteries. <i>Applied Clay Science</i> , 2018 , 162, 499-506 | 5.2 | 22 |
| 47 | Upconversion luminescence of ytterbium and erbium co-doped gadolinium oxysulfate hollow nanoparticles. <i>Applied Materials Today</i> , 2018 , 13, 381-386 | 6.6 | 5 |
| 46 | Oxygen Production of Modified Core-Shell CuO@ZrO Nanocomposites by Microwave Radiation to Alleviate Cancer Hypoxia for Enhanced Chemo-Microwave Thermal Therapy. <i>ACS Nano</i> , 2018 , 12, 12721- | -1 27 32 | 57 |

| 45 | Serpentine Ni Ge O (OH) Nanosheets with Tailored Layers and Size for Efficient Oxygen Evolution Reactions. <i>Small</i> , 2018 , 14, e1803015 | 11 | 15 |
|----|--|------------|-----|
| 44 | Selective fabrication of porous iron oxides hollow spheres and nanofibers by electrospinning for photocatalytic water purification. <i>Solid State Sciences</i> , 2018 , 82, 24-28 | 3.4 | 9 |
| 43 | Graphene Caging Silicon Particles for High-Performance Lithium-Ion Batteries. <i>Small</i> , 2018 , 14, e180063 | 5 1 | 104 |
| 42 | Three-dimensionally interconnected Si frameworks derived from natural halloysite clay: a high-capacity anode material for lithium-ion batteries. <i>Dalton Transactions</i> , 2018 , 47, 7522-7527 | 4.3 | 21 |
| 41 | Resolving the Compositional and Structural Defects of Degraded LiNixCoyMnzO2 Particles to Directly Regenerate High-Performance Lithium-Ion Battery Cathodes. <i>ACS Energy Letters</i> , 2018 , 3, 1683 | -7692 | 136 |
| 40 | MOF-derived multifractal porous carbon with ultrahigh lithium-ion storage performance. <i>Scientific Reports</i> , 2017 , 7, 40574 | 4.9 | 30 |
| 39 | Pseudocapacitive Sodium Storage in Mesoporous Single-Crystal-like TiO-Graphene Nanocomposite Enables High-Performance Sodium-Ion Capacitors. <i>ACS Nano</i> , 2017 , 11, 2952-2960 | 16.7 | 443 |
| 38 | Phase-Transfer Ligand Exchange of Lead Chalcogenide Quantum Dots for Direct Deposition of Thick, Highly Conductive Films. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6644-6653 | 16.4 | 83 |
| 37 | Layered rare-earth hydroxide nanocones with facile host composition modification and anion-exchange feature: topotactic transformation into oxide nanocones for upconversion. <i>Nanoscale</i> , 2017 , 9, 8185-8191 | 7.7 | 10 |
| 36 | Use of regenerated cellulose to direct hetero-assembly of nanoparticles with carbon nanotubes for producing flexible battery anodes. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13944-13949 | 13 | 25 |
| 35 | Post Iron Decoration of Mesoporous Nitrogen-Doped Carbon Spheres for Efficient Electrochemical Oxygen Reduction. <i>Advanced Energy Materials</i> , 2017 , 7, 1701154 | 21.8 | 57 |
| 34 | Ultrafine Nb2O5 Nanocrystal Coating on Reduced Graphene Oxide as Anode Material for High Performance Sodium Ion Battery. <i>ACS Applied Materials & Description of States and Performance Sodium Ion Battery</i> . <i>ACS Applied Materials & Description of States and Performance Sodium Ion Battery</i> . <i>ACS Applied Materials & Description of States and Performance Sodium Ion Battery</i> . | 9.5 | 85 |
| 33 | Encapsulation of SnO2 nanocrystals into hierarchically porous carbon by melt infiltration for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18706-18710 | 13 | 38 |
| 32 | Nanoscale Engineering of Heterostructured Anode Materials for Boosting Lithium-Ion Storage. <i>Advanced Materials</i> , 2016 , 28, 7580-602 | 24 | 177 |
| 31 | Recent advances in nanostructured Nb-based oxides for electrochemical energy storage. <i>Nanoscale</i> , 2016 , 8, 8443-65 | 7.7 | 145 |
| 30 | Facile synthesis of hierarchical MoS2Barbon microspheres as a robust anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 9653-9660 | 13 | 68 |
| 29 | Porous TiO2 Conformal Coating on Carbon Nanotubes as Energy Storage Materials. <i>Electrochimica Acta</i> , 2015 , 169, 73-81 | 6.7 | 40 |
| 28 | Evaluation of the catalytic activity and cytotoxicity of palladium nanocubes: the role of oxygen. <i>ACS Applied Materials & Description (Communication)</i> 1, 9364-71 | 9.5 | 20 |

(2012-2015)

| 27 | Titanium Oxynitride Nanoparticles Anchored on Carbon Nanotubes as Energy Storage Materials. <i>ACS Applied Materials & ACS Applied & ACS Appli</i> | 9.5 | 26 |
|----|--|------|-----|
| 26 | Shape-Controlled Narrow-Gap SnTe Nanostructures: From Nanocubes to Nanorods and Nanowires. Journal of the American Chemical Society, 2015 , 137, 15074-7 | 16.4 | 36 |
| 25 | Oxygen-deficient Niobium Oxide in Carbon Matrix as Anode for Lithium-Ion Battery. <i>ECS Transactions</i> , 2015 , 66, 277-283 | 1 | 10 |
| 24 | Controllable Fabrication and Optical Properties of Uniform Gadolinium Oxysulfate Hollow Spheres. <i>Scientific Reports</i> , 2015 , 5, 17934 | 4.9 | 21 |
| 23 | Instant gelation synthesis of 3D porous MoS2@C nanocomposites for lithium ion batteries. <i>Nanoscale</i> , 2014 , 6, 3664-9 | 7.7 | 56 |
| 22 | Solvothermal route based in situ carbonization to Fe3O4@C as anode material for lithium ion battery. <i>Nano Energy</i> , 2014 , 8, 126-132 | 17.1 | 50 |
| 21 | Direct growth of mesoporous anatase TiO2 on nickel foam by soft template method as binder-free anode for lithium-ion batteries. <i>RSC Advances</i> , 2014 , 4, 48938-48942 | 3.7 | 12 |
| 20 | Hollow spherical rare-earth-doped yttrium oxysulfate: A novel structure for upconversion. <i>Nano Research</i> , 2014 , 7, 1093-1102 | 10 | 38 |
| 19 | A novel solvent-free thermal reaction of ferrocene and sulfur for one-step synthesis of iron sulfide and carbon nanocomposites and their electrochemical performance. <i>Journal of Power Sources</i> , 2014 , 265, 1-5 | 8.9 | 29 |
| 18 | A facile hydrothermal route to iron(III) oxide with conductive additives as composite anode for lithium ion batteries. <i>Journal of Power Sources</i> , 2014 , 259, 227-232 | 8.9 | 32 |
| 17 | Microwave-assisted synthesis of hybrid CoxNi1᠒(OH)2 nanosheets: Tuning the composition for high performance supercapacitor. <i>Journal of Power Sources</i> , 2014 , 251, 338-343 | 8.9 | 90 |
| 16 | Nickel substituted LiMn2O4 cathode with durable high-rate capability for Li-ion batteries. <i>RSC Advances</i> , 2013 , 3, 18441 | 3.7 | 28 |
| 15 | Shape evolution and electrochemical properties of cobalt sulfide via a biomolecule-assisted solvothermal route. <i>Solid State Sciences</i> , 2013 , 17, 102-106 | 3.4 | 13 |
| 14 | Controlled fabrication and optical properties of uniform CeO2 hollow spheres. <i>RSC Advances</i> , 2013 , 3, 3544 | 3.7 | 13 |
| 13 | A facile microwave-assisted route to Co(OH)2 and Co3O4 nanosheet for Li-ion battery. <i>Journal of Alloys and Compounds</i> , 2013 , 578, 349-354 | 5.7 | 36 |
| 12 | Reduced graphene oxide wrapped FeS nanocomposite for lithium-ion battery anode with improved performance. <i>ACS Applied Materials & amp; Interfaces</i> , 2013 , 5, 5330-5 | 9.5 | 170 |
| 11 | A Facile Solvothermal Synthesis and Magnetic Properties of MnFe2O4 Spheres with Tunable Sizes. <i>Journal of the American Ceramic Society</i> , 2012 , 95, 3569-3576 | 3.8 | 13 |
| 10 | Biomolecule-assisted hydrothermal synthesis and properties of manganese sulfide hollow microspheres. <i>Journal of Physics and Chemistry of Solids</i> , 2012 , 73, 1385-1389 | 3.9 | 6 |

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|---|---|------|------|
| 9 | Shape-controlled synthesis and properties of dandelion-like manganese sulfide hollow spheres. <i>Materials Research Bulletin</i> , 2012 , 47, 2182-2187 | 5.1 | 13 |
| 8 | Shape-controlled synthesis and characterization of cobalt oxides hollow spheres and octahedra. <i>Dalton Transactions</i> , 2012 , 41, 5981-7 | 4.3 | 42 |
| 7 | Facile synthesis, magnetic and microwave absorption properties of Fe3O4/polypyrrole core/shell nanocomposite. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 4104-4107 | 5.7 | 146 |
| 6 | Microwave-assisted synthesis and electrochemical properties of urchin-like CuO micro-crystals. <i>Solid State Sciences</i> , 2011 , 13, 2137-2141 | 3.4 | 20 |
| 5 | Novel rose-like ZnO nanoflowers synthesized by chemical vapor deposition. <i>Materials Letters</i> , 2009 , 63, 496-499 | 3.3 | 67 |
| 4 | Anchoring Active Sites by Pt2FeNi Alloy Nanoparticles on NiFe Layered Double Hydroxides for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Energy and Environmental Materials</i> , | 13 | 1 |
| 3 | Anticorrosive Copper Current Collector Passivated by Self-Assembled Porous Membrane for Highly Stable Lithium Metal Batteries. <i>Advanced Functional Materials</i> ,2104930 | 15.6 | 8 |
| 2 | Quasi Solid-State Electrolytes of Li2Sn2(bdc)3(H2O)x Metal-Organic Frameworks for Lithium Metal | 3 | О |

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 ${\it Cross-Linked\ Polymer\ Binder\ via\ Phthalic\ Acid\ for\ Stabilizing\ SiO\ x\ Anodes.}\ {\it Macromolecular}$

Battery. Electroanalysis,

Chemistry and Physics, 2200068