# Xiao-Ying Zhang

List of Publications by Year
in descending order

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|---|---|---|---|
| 383 papers | 11,816 citations | 34493 54 h-index | 58552 86 g-index |

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|---|---|---|---|
| 400 all docs | 400 docs citations | 400 times ranked | 15323 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Poreâ€Forming Strategy Toward Porous Carbonâ€Based Substrates for High Performance Flexible Lithium Metal Full Batteries. Energy and Environmental Materials, 2023, 6, . | 7.3 | 8 |
| 2 | First-principles study of borophene/phosphorene heterojunction as anode material for lithium-ion batteries. Nanotechnology, 2022, 33, 075403. | 1.3 | 2 |
| 3 | Regulating Li nucleation/growth via implanting lithiophilic seeds onto flexible scaffolds enables highly stable Li metal anode. Journal of Colloid and Interface Science, 2022, 609, 606-616. | 5.0 | 12 |
| 4 | Covalent Organic Framework with Highly Accessible Carbonyls and Ï€â€Cation Effect for Advanced Potassiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 112 |
| 5 | Covalent Organic Framework with Highly Accessible Carbonyls and Ï€â€Cation Effect for Advanced Potassiumâ€Ion Batteries. Angewandte Chemie, 2022, 134, e202117661. | 1.6 | 11 |
| 6 | Frontispiz: Covalent Organic Framework with Highly Accessible Carbonyls and Ï€â€Cation Effect for Advanced Potassiumâ€Ion Batteries. Angewandte Chemie, 2022, 134, . | 1.6 | 1 |
| 7 | Uniform Zn<sup>2+</sup> Flux Distribution Achieved by an Artificial Three-Dimensional Framework: The Enhanced Ion-Transfer Kinetics for Long-Life and Dendrite-Free Zn Anodes. ACS Applied Materials & Interfaces, 2022, 14, 23558-23569. | 4.0 | 8 |
| 8 | Water-Robust Zincâ€“Organic Framework with Mixed Nodes and Its Handy Mixed-Matrix Membrane for Highly Effective Luminescent Detection of Fe<sup>3+</sup>, CrO<sub>4</sub><sup>2â€“</sup>, and Cr<sub>2</sub>O<sub>7</sub><sup>2â€“</sup> in Aqueous Solution. Inorganic Chemistry, 2021, 60, 1716-1725. | 1.9 | 61 |
| 9 | Tuning the electrochemical performance of Ti<sub>3</sub>C<sub>2</sub> and Hf<sub>3</sub>C<sub>2</sub> monolayer by functional groups for metal-ion battery applications. Nanoscale, 2021, 13, 11534-11543. | 2.8 | 25 |
| 10 | Insights into the Chiral Phosphoric Acid-Catalyzed Dynamic Kinetic Asymmetric Hydroamination of Racemic Allenes: An Allyl Carbocation/Phosphate Pair Mechanism. Journal of Organic Chemistry, 2021, 86, 4121-4130. | 1.7 | 8 |
| 11 | Engineering Allâ€Purpose Amorphous Carbon Nanotubes with High N/Oâ€Coâ€Doping Content to Bridge the Alkaliâ€Ion Batteries and Li Metal Batteries. Small, 2021, 17, e2006566. | 5.2 | 19 |
| 12 | Identifying a Clinical Risk Triage Score for Adult Emergency Department. Clinical Nursing Research, 2021, 30, 1135-1143. | 0.7 | 0 |
| 13 | Judicious design functionalized <scp>3Dâ€COF</scp> to enhance <scp>CO<sub>2</sub></scp> adsorption and separation. Journal of Computational Chemistry, 2021, 42, 888-896. | 1.5 | 14 |
| 14 | New High-Nuclear Coordination Complexes Constructed by 2-Hydroxymethylpyridine: From Antiferromagnetic to Spin Glass and Ferromagnetic Behavior. Crystal Growth and Design, 2021, 21, 2754-2762. | 1.4 | 0 |
| 15 | Spatial confinement of vertical arrays of lithiophilic SnS2 nanosheets enables conformal Li nucleation/growth towards dendrite-free Li metal anode. Energy Storage Materials, 2021, 36, 504-513. | 9.5 | 66 |
| 16 | Boron-doped Sb/SbO<sub>2</sub>@rGO composites with tunable components and enlarged lattice spacing for high-rate sodium-ion batteries. Journal Physics D: Applied Physics, 2021, 54, 315505. | 1.3 | 4 |
| 17 | Sustainable and Robust Graphene Cellulose Paper Decorated with Lithiophilic Au Nanoparticles to Enable Dendriteâ€free and Highâ€Power Lithium Metal Anode. Chemistry - A European Journal, 2021, 27, 8168-8177. | 1.7 | 7 |
| 18 | Robust Electrodes for Flexible Energy Storage Devices Based on Bimetallic Encapsulated Coreâ€“Multishell Structures. Advanced Science, 2021, 8, e2100911. | 5.6 | 8 |

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|---|---|---|---|
| 19 | CO oxidation on atomic nickel/phosphorene nanosheet: An efficient single-atom catalyst. Molecular Catalysis, 2021, 510, 111626. | 1.0 | 2 |
| 20 | The effect of high blood pressure-health literacy, self-management behavior, self-efficacy and social support on the health-related quality of life of Kazakh hypertension patients in a low-income rural area of China: a structural equation model. BMC Public Health, 2021, 21, 1114. | 1.2 | 17 |
| 21 | Psychological interventions for enhancing resilience in parents of children with cancer: a systematic review and meta-analysis. Supportive Care in Cancer, 2021, 29, 7101-7110. | 1.0 | 12 |
| 22 | Quasi-Grotthuss mechanism in a nonporous sulphate. Journal of Energy Chemistry, 2021, 57, 233-237. | 7.1 | 4 |
| 23 | A Porous Metalâ€“Organic Framework as an Electrochemical Sensing Platform for Highly Selective Adsorption and Detection of Bisphenols. Inorganic Chemistry, 2021, 60, 12049-12058. | 1.9 | 17 |
| 24 | In Situ Growth of 3D Lamellar Mn(OH)<sub>2</sub> on CuO-Coated Carbon Cloth for Flexible Asymmetric Supercapacitors with a High Working Voltage of 2.4 V. ACS Sustainable Chemistry and Engineering, 2021, 9, 13385-13394. | 3.2 | 10 |
| 25 | Enantioselective synthesis of chiral tetrasubstituted allenes: harnessing electrostatic and noncovalent interactions in a bifunctional activation model for N-triflylphosphoramide catalysis. Organic Chemistry Frontiers, 2021, 8, 1510-1519. | 2.3 | 4 |
| 26 | Pseudocapacitive sodium storage in a new brand foveolate TiO<sub>2</sub>@MoSe<sub>2</sub> nanocomposite for high-performance Na-ion hybrid capacitors. Journal of Materials Chemistry A, 2021, 9, 24419-24425. | 5.2 | 7 |
| 27 | N-doped Porous Host with Lithiophilic Co Nanoparticles Implanted into 3D Carbon Nanotubes for Dendrite-Free Lithium Metal Anodes. ACS Applied Energy Materials, 2021, 4, 12871-12881. | 2.5 | 14 |
| 28 | Micro/Nanoengineered Î±â€Fe 2 O 3 Nanoaggregate Conformably Enclosed by Ultrathin Nâ€Doped Carbon Shell for Ultrastable Lithium Storage and Insight into Phase Evolution Mechanism. Chemistry - A European Journal, 2020, 26, 853-862. | 1.7 | 12 |
| 29 | Revealing the potential application of chiral covalent organic frameworks in CO<sub>2</sub> adsorption and separation. New Journal of Chemistry, 2020, 44, 95-101. | 1.4 | 16 |
| 30 | Pseudocapacitive sodium storage of Fe1âˆ’xS@N-doped carbon for low-temperature operation. Science China Materials, 2020, 63, 505-515. | 3.5 | 35 |
| 31 | A WeChatâ€based â€œThree Good Thingsâ€•positive psychotherapy for the improvement of job performance and selfâ€efficacy in nurses with burnout symptoms: A randomized controlled trial. Journal of Nursing Management, 2020, 28, 480-487. | 1.4 | 25 |
| 32 | In situ chemically encapsulated and controlled SnS<sub>2</sub> nanocrystal composites for durable lithium/sodium-ion batteries. Dalton Transactions, 2020, 49, 15874-15882. | 1.6 | 6 |
| 33 | Understanding the electrochemical properties of bulk phase and surface structures of Na<sub>3</sub>T<sup>M</sup>PO<sub>4</sub>CO<sub>3</sub>(T<sup>M</sup>= Fe, Mn, Co, Ni) from first principles calculations. Physical Chemistry Chemical Physics, 2020, 22, 25325-25334. | 1.3 | 7 |
| 34 | 2D Metalâ€Organic Framework Derived Co 3 O 4 for the Oxygen Evolution Reaction and Highâ€Performance Lithiumâ€Ion Batteries. ChemNanoMat, 2020, 6, 1770-1775. | 1.5 | 5 |
| 35 | Two Metalâ€“Organic Frameworks Based on Hexanuclear Cobaltâ€“Hydroxyl Clusters or a Manganeseâ€“Hydroxyl Chain from Triangular [MII3(Î¼3-OH)] (M = Co and Mn) Units: Antiferromagnetic and Spin-Canting Antiferromagnetic Ordering with Soft-Magnetic Behavior. Inorganic Chemistry, 2020, 59, 12017-12024. | 1.9 | 12 |
| 36 | Impact of WeChatâ€based 'three good things' on turnover intention and coping style in burnout nurses. Journal of Nursing Management, 2020, 28, 1570-1577. | 1.4 | 8 |

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|---|---|---|---|
| 37 | A Trinuclear Cobaltâ€“Organic Framework: Solvatochromic Sensor towards CH<sub>2</sub>Cl<sub>2</sub>, and its Derivative as an Anode of Lithiumâ€ion Batteries with High Performance. Chemistry - A European Journal, 2020, 26, 14187-14193. | 1.7 | 6 |
| 38 | Freestanding Na<sub>3</sub>V<sub>2</sub>O<sub>2</sub>(PO<sub>4</sub>)<sub>2</sub>F/Graphene Aerogels as High-Performance Cathodes of Sodium-Ion Full Batteries. ACS Applied Materials & Interfaces, 2020, 12, 41419-41428. | 4.0 | 33 |
| 39 | Fe doped BN monolayer: A promising low-cost single atom catalyst for promoted CO oxidation activity. Applied Surface Science, 2020, 525, 146567. | 3.1 | 25 |
| 40 | A biomimetic platelet based on assembling peptides initiates artificial coagulation. Science Advances, 2020, 6, eaaz4107. | 4.7 | 56 |
| 41 | Turn-on fluorescence in a stable Cd(II) metal-organic framework for highly sensitive detection of Cr3+ in water. Dyes and Pigments, 2020, 178, 108359. | 2.0 | 23 |
| 42 | AgN<sub>3</sub>-Catalyzed Hydroazidation of Terminal Alkynes and Mechanistic Studies. Journal of the American Chemical Society, 2020, 142, 7083-7091. | 6.6 | 19 |
| 43 | Target encapsulating NiMoO4 nanocrystals into 1D carbon nanofibers as free-standing anode material for lithium-ion batteries with enhanced cycle performance. Journal of Alloys and Compounds, 2020, 830, 154648. | 2.8 | 19 |
| 44 | Pseudocapacitive Lithium Storage of Cauliflowerâ€Like CoFe<sub>2</sub>O<sub>4</sub> for Lowâ€Temperature Battery Operation. Chemistry - A European Journal, 2020, 26, 13652-13658. | 1.7 | 8 |
| 45 | A New Multifunctional Zincâ€“Organic Framework with Rare Interpenetrated Tripillared Bilayers as a Luminescent Probe for Detecting Ni<sup>2+</sup> and PO<sub>4</sub><sup>3â€“</sup> in Water. Crystal Growth and Design, 2020, 20, 5120-5128. | 1.4 | 35 |
| 46 | Mechanistic Study on Ag<sup>I</sup>-Catalyzed Oxidative Cross-Coupling/Cyclization between Terminal Alkynes and Î²-Enamino Esters under Base Conditions. Journal of Organic Chemistry, 2020, 85, 4408-4417. | 1.7 | 5 |
| 47 | The effect of CF3 functional group substituent on bifunctional activation model and enantioselectivity for BINOL N-triflylphosphoramides catalyzed rearrangement reaction. Journal of Catalysis, 2020, 383, 230-238. | 3.1 | 9 |
| 48 | A self-assembling peptide targeting VEGF receptors to inhibit angiogenesis. Chinese Chemical Letters, 2020, 31, 3153-3157. | 4.8 | 22 |
| 49 | In situ construction of ligand nano-network to integrin Î±vÎ²3 for angiogenesis inhibition. Chinese Chemical Letters, 2020, 31, 3107-3112. | 4.8 | 14 |
| 50 | Mechanistic details of metalâ€free cyclization reaction of organophosphorus oxide with alkynes mediated by 2,6â€lutidine and Tf 2 O. Journal of Computational Chemistry, 2020, 41, 1709-1717. | 1.5 | 5 |
| 51 | Boosting Polysulfide Redox Kinetics by Grapheneâ€Supported Ni Nanoparticles with Carbon Coating. Advanced Energy Materials, 2020, 10, 2000907. | 10.2 | 89 |
| 52 | How does the active site in the MoSe2 surface affect its electrochemical performance as anode material for metal-ion batteries?. Applied Surface Science, 2020, 526, 146637. | 3.1 | 16 |
| 53 | The effects of resilience and turnover intention on nursesâ€™ burnout: Findings from a comparative crossâ€sectional study. Journal of Clinical Nursing, 2019, 28, 499-508. | 1.4 | 66 |
| 54 | 2D Fe <sub>2</sub> O <sub>3</sub> nanosheets with bi-continuous pores inherited from Fe-MOF precursors: an advanced anode material for Li-ion half/full batteries. 2D Materials, 2019, 6, 045022. | 2.0 | 23 |

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|---|---|---|---|
| 55 | A stable luminescent zincâ€“organic framework as a dual-sensor toward Cu<sup>2+</sup> and Cr<sub>2</sub>O<sub>7</sub><sup>2â^'</sup>, and excellent platform-encapsulated Ln<sup>3+</sup> for systematic color tuning and white-light emission. New Journal of Chemistry, 2019, 43, 13794-13801. | 1.4 | 11 |
| 56 | An evaluation of a positive psychological intervention to reduce burnout among nurses. Archives of Psychiatric Nursing, 2019, 33, 186-191. | 0.7 | 19 |
| 57 | Targeted Construction of Amorphous MoS<sub>x</sub> with an Inherent Chain Molecular Structure for Improved Pseudocapacitive Lithiumâ€ion Response. Chemistry - A European Journal, 2019, 25, 15173-15181. | 1.7 | 5 |
| 58 | Chiral Phosphoric Acid-Catalyzed Enantioselective Direct Arylation of Iminoquinones: A Case Study of the Model Selectivity. Journal of Organic Chemistry, 2019, 84, 13473-13482. | 1.7 | 7 |
| 59 | An FeP@C nanoarray vertically grown on graphene nanosheets: an ultrastable Li-ion battery anode with pseudocapacitance-boosted electrochemical kinetics. Nanoscale, 2019, 11, 1304-1312. | 2.8 | 53 |
| 60 | 2D few-layer iron phosphosulfide: a self-buffer heterophase structure induced by irreversible breakage of Pâ€“S bonds for high-performance lithium/sodium storage. Journal of Materials Chemistry A, 2019, 7, 1529-1538. | 5.2 | 48 |
| 61 | Tetranuclear cobalt(<scp>ii</scp>)â€“isonicotinic acid frameworks: selective CO<sub>2</sub>capture, magnetic properties, and derived â€œCo<sub>3</sub>O<sub>4</sub>â€•exhibiting high performance in lithium ion batteries. Dalton Transactions, 2019, 48, 296-303. | 1.6 | 10 |
| 62 | Al doped MoS2 monolayer: A promising low-cost single atom catalyst for CO oxidation. Applied Surface Science, 2019, 484, 1297-1303. | 3.1 | 42 |
| 63 | Selective CO<sub>2</sub> adsorption and theoretical simulation of a stable Co(<scp>ii</scp>)-based metalâ€“organic framework with tunable crystal size. CrystEngComm, 2019, 21, 1564-1569. | 1.3 | 3 |
| 64 | A mechanistic investigation into N-heterocyclic carbene (NHC) catalyzed umpolung of ketones and benzonitriles: is the cyano group better than the classical carbonyl group for the addition of NHC?. Organic Chemistry Frontiers, 2019, 6, 523-531. | 2.3 | 4 |
| 65 | Silver-promoted regio- and stereoselective aminocyanation of alkynes for the synthesis of Î²-aminoacrylonitriles using N-isocyanoiminotriphenylphosphorane. Tetrahedron Letters, 2019, 60, 1678-1681. | 0.7 | 13 |
| 66 | Mechanistic investigation-inspired activation mode of DBU and the function of the Î±-diazo group in the reaction of the Î±-amino ketone compound and EDA: [DBU-H]<sup>+</sup>-DMF-H<sub>2</sub>O and Î±-diazo as strong N-terminal nucleophiles. Organic Chemistry Frontiers, 2019, 6, 2678-2686. | 2.3 | 2 |
| 67 | Benign Recycling of Spent Batteries towards Allâ€Solidâ€State Lithium Batteries. Chemistry - A European Journal, 2019, 25, 8975-8981. | 1.7 | 26 |
| 68 | Theoretical investigations of the realization of sky-blue to blue TADF materials via CH/N and H/CN substitution at the diphenylsulphone acceptor. Journal of Materials Chemistry C, 2019, 7, 6685-6691. | 2.7 | 13 |
| 69 | Micron-scaled MoS2/N-C particles with embedded nano-MoS2: A high-rate anode material for enhanced lithium storage. Applied Surface Science, 2019, 486, 519-526. | 3.1 | 8 |
| 70 | Theoretical Investigation of the Topology of Spiroborateâ€Linked Ionic Covalent Organic Frameworks (ICOFs). Chemistry - A European Journal, 2019, 25, 6569-6574. | 1.7 | 7 |
| 71 | Catalytic CO oxidation by Fe doped penta-graphene: A density functional study. Molecular Catalysis, 2019, 470, 48-55. | 1.0 | 31 |
| 72 | Assembly of metalâ€“organic frameworks based on 4-connected 3,3â€²,5,5â€²-azobenzenetetracarboxylic acid: structures, magnetic properties, and sensing of Fe<sup>3+</sup> ions. New Journal of Chemistry, 2019, 43, 4226-4234. | 1.4 | 8 |

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|---|---|---|---|
| 73 | Dualâ€Carbon Enhanced FeP Nanorods Vertically Grown on Carbon Nanotubes with Pseudocapacitanceâ€Boosted Electrochemical Kinetics for Superior Lithium Storage. Advanced Electronic Materials, 2019, 5, 1900006. | 2.6 | 16 |
| 74 | Investigation of twoâ€dimensional hfâ€based MXenes as the anode materials for li/naâ€ion batteries: A DFT study. Journal of Computational Chemistry, 2019, 40, 1352-1359. | 1.5 | 38 |
| 75 | Carbon/Binderâ€Free NiO@NiO/NF with In Situ Formed Interlayer for Highâ€Arealâ€Capacity Lithium Storage. Advanced Energy Materials, 2019, 9, 1803690. | 10.2 | 44 |
| 76 | The control effects of different scaffolds in chiral phosphoric acids: a case study of enantioselective asymmetric arylation. Catalysis Science and Technology, 2019, 9, 6482-6491. | 2.1 | 7 |
| 77 | Tailoring Coral-Like Fe<sub>7</sub>Se<sub>8</sub>@C for Superior Low-Temperature Li/Na-Ion Half/Full Batteries: Synthesis, Structure, and DFT Studies. ACS Applied Materials & Interfaces, 2019, 11, 47886-47893. | 4.0 | 35 |
| 78 | Comparison of Reliability and Validity of the Chinese Four-Level and Three-District Triage Standard and the Australasian Triage Scale. Emergency Medicine International, 2019, 2019, 1-8. | 0.3 | 2 |
| 79 | The Origin of the Reproduction of Different Nitrogen Uptakes in Covalent Organic Frameworks (COFs). Chemistry - A European Journal, 2019, 25, 2303-2312. | 1.7 | 13 |
| 80 | Egg yolk-derived carbon: Achieving excellent fluorescent carbon dots and high performance lithium-ion batteries. Journal of Alloys and Compounds, 2018, 746, 567-575. | 2.8 | 42 |
| 81 | 3â€‰D Porous CoS<sub>2</sub> Hexadecahedron Derived from MOC toward Ultrafast and Longâ€Lifespan Lithium Storage. Chemistry - A European Journal, 2018, 24, 6798-6803. | 1.7 | 16 |
| 82 | 3D Hierarchical Microballs Constructed by Intertwined MnO@Nâ€doped Carbon Nanofibers towards Superior Lithiumâ€Storage Properties. Chemistry - A European Journal, 2018, 24, 9606-9611. | 1.7 | 18 |
| 83 | Pseudocapacitance-boosted ultrafast Na storage in a pie-like FeS@C nanohybrid as an advanced anode material for sodium-ion full batteries. Nanoscale, 2018, 10, 9218-9225. | 2.8 | 135 |
| 84 | Construction of electrical â€œhighwayâ€• to significantly enhance the redox kinetics of normal hierarchical structured materials of MnO. Journal of Materials Chemistry A, 2018, 6, 1663-1670. | 5.2 | 15 |
| 85 | A Practicable Li/Naâ€Ion Hybrid Full Battery Assembled by a Highâ€Voltage Cathode and Commercial Graphite Anode: Superior Energy Storage Performance and Working Mechanism. Advanced Energy Materials, 2018, 8, 1702504. | 10.2 | 142 |
| 86 | A Scalable Strategy To Develop Advanced Anode for Sodium-Ion Batteries: Commercial Fe<sub>3</sub>O<sub>4</sub>-Derived Fe<sub>3</sub>O<sub>4</sub>@FeS with Superior Full-Cell Performance. ACS Applied Materials & Interfaces, 2018, 10, 3581-3589. | 4.0 | 209 |
| 87 | Quasi-Solid-State Sodium-Ion Full Battery with High-Power/Energy Densities. ACS Applied Materials & Interfaces, 2018, 10, 17903-17910. | 4.0 | 74 |
| 88 | A self-destructive nanosweeper that captures and clears amyloid Î²-peptides. Nature Communications, 2018, 9, 1802. | 5.8 | 144 |
| 89 | Highâ€Performance and Lowâ€Temperature Lithiumâ€“Sulfur Batteries: Synergism of Thermodynamic and Kinetic Regulation. Advanced Energy Materials, 2018, 8, 1703638. | 10.2 | 124 |
| 90 | Target construction of ultrathin graphitic carbon encapsulated FeS hierarchical microspheres featuring superior low-temperature lithium/sodium storage properties. Journal of Materials Chemistry A, 2018, 6, 7997-8005. | 5.2 | 62 |

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|---|---|---|---|
| 91 | Multiple heterointerfaces boosted de-/sodiation kinetics towards superior Na storage and Na-Ion full battery. Journal of Materials Chemistry A, 2018, 6, 6578-6586. | 5.2 | 50 |
| 92 | Burnout and its association with resilience in nurses: A crossâ€sectional study. Journal of Clinical Nursing, 2018, 27, 441-449. | 1.4 | 176 |
| 93 | Layer-stacked Sb@graphene micro/nanocomposite with decent Na-storage, full-cell and low-temperature performances. Journal of Alloys and Compounds, 2018, 731, 881-888. | 2.8 | 19 |
| 94 | Electric-field controlled capture or release of phosgene molecule on graphene-based materials: First principles calculations. Applied Surface Science, 2018, 427, 1019-1026. | 3.1 | 41 |
| 95 | Understanding the anchoring effect of Graphene, BN, C2N and C3N4 monolayers for lithiumâ^polysulfides in Liâ^S batteries. Applied Surface Science, 2018, 434, 596-603. | 3.1 | 78 |
| 96 | Diverse Structures Based on a Heptanuclear Cobalt Cluster with 0D to 3D Metalâ€“Organic Frameworks: Magnetism and Application in Batteries. Chemistry - A European Journal, 2018, 24, 1962-1970. | 1.7 | 29 |
| 97 | Effective Cathode Design of Three-Layered Configuration for High-Energy Liâ€“S Batteries. ACS Applied Materials & Interfaces, 2018, 10, 509-516. | 4.0 | 22 |
| 98 | Mechanistic insight on water and substrate catalyzed the synthesis of 3â€(1Hâ€indolâ€3â€yl)â€2â€(4â€methoxybenzyl)isoindolinâ€1â€one: Driving by noncovalent interactions. Journal of Computational Chemistry, 2018, 39, 2316-2323. | 1.5 | 0 |
| 99 | Mechanistic insights into Nâ€Bromosuccinimideâ€promoted synthesis of imidazo[1,2â€a]pyridine in water: Reactivity mediated by substrates and solvent. Journal of Computational Chemistry, 2018, 39, 2324-2332. | 1.5 | 2 |
| 100 | A Nanoâ€Sized [Mn<sup>II</sup><sub>18</sub>] Metallamacrocycle as a Building Unit to Construct Stable Metalâ€“Organic Frameworks: Effective Gas Adsorption and Magnetic Properties. Chemistry - A European Journal, 2018, 24, 19152-19155. | 1.7 | 13 |
| 101 | Three-dimensional hierarchical Ni<sub>3</sub>Se<sub>2</sub> nanorod array as binder/carbon-free electrode for high-areal-capacity Na storage. Nanoscale, 2018, 10, 18942-18948. | 2.8 | 30 |
| 102 | Interruption of Formal Schmidt Rearrangement/Hosomiâ€“Sakurai Reaction of Vinyl Azides with Allyl/Propargylsilanes. Organic Letters, 2018, 20, 7113-7116. | 2.4 | 9 |
| 103 | Advanced P2-Na<sub>2/3</sub>Ni<sub>1/3</sub>Mn<sub>7/12</sub>Fe<sub>1/12</sub>O<sub>2</sub> Cathode Material with Suppressed P2â€“O2 Phase Transition toward High-Performance Sodium-Ion Battery. ACS Applied Materials & Interfaces, 2018, 10, 34272-34282. | 4.0 | 127 |
| 104 | A promising PMHS/PEO blend polymer electrolyte for all-solid-state lithium ion batteries. Dalton Transactions, 2018, 47, 14932-14937. | 1.6 | 67 |
| 105 | Mechanistic Insights into the Nickel-Catalyzed Cross-Coupling Reaction of Benzaldehyde with Benzyl Alcohol via Câ€“H Activation: A Theoretical Investigation. Journal of Organic Chemistry, 2018, 83, 11905-11916. | 1.7 | 7 |
| 106 | Anionic Lanthanide Metalâ€“Organic Frameworks: Selective Separation of Cationic Dyes, Solvatochromic Behavior, and Luminescent Sensing of Co(II) Ion. Inorganic Chemistry, 2018, 57, 11463-11473. | 1.9 | 88 |
| 107 | A computational mechanistic study of substrate-controlled competitive Oâ€“H and Câ€“H insertion reactions catalyzed by dirhodium(<scp>ii</scp>) carbenoids: insight into the origin of chemoselectivity. Organic Chemistry Frontiers, 2018, 5, 2353-2363. | 2.3 | 9 |
| 108 | In situ construction of nanonetworks from transformable nanoparticles for anti-angiogenic therapy. Journal of Materials Chemistry B, 2018, 6, 5282-5289. | 2.9 | 5 |

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|---|---|---|---|
| 109 | An â€œIn Vivo Self-assemblyâ€•Strategy for Constructing Superstructures for Biomedical Applications. Chinese Journal of Polymer Science (English Edition), 2018, 36, 1103-1113. | 2.0 | 12 |
| 110 | Bifunctional Separator Coated with Hexachlorocyclotriphosphazene/Reduced Graphene Oxide for Enhanced Performance of Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2018, 24, 13582-13588. | 1.7 | 12 |
| 111 | Selective chiral symmetry breaking and luminescence sensing of a Zn(<scp>II</scp>) metalâ€“organic framework. Dalton Transactions, 2018, 47, 7934-7940. | 1.6 | 14 |
| 112 | Layered g-C<sub>3</sub>N<sub>4</sub>@Reduced Graphene Oxide Composites as Anodes with Improved Rate Performance for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 30330-30336. | 4.0 | 40 |
| 113 | Selfâ€Assembled Fluorescent Organic Nanomaterials for Biomedical Imaging. Advanced Healthcare Materials, 2018, 7, e1800344. | 3.9 | 37 |
| 114 | Charge control of the formation of two neutral/cationic metalâ€“organic frameworks based on neutral/cationic triangular clusters and isonicotinic acid: structure, gas adsorption and magnetism. CrystEngComm, 2018, 20, 5402-5408. | 1.3 | 13 |
| 115 | Silver-mediated radical coupling reaction of isocyanides and alcohols/phenols in the presence of water: unprecedented hydration and radical coupling reaction sequence. Organic and Biomolecular Chemistry, 2017, 15, 1580-1583. | 1.5 | 10 |
| 116 | Mechanistic insights on DBU catalyzed Î²â€amination of nbs to chalcone driving by water: Multiple roles of water. Journal of Computational Chemistry, 2017, 38, 438-445. | 1.5 | 7 |
| 117 | Divergent Reactions between Î±â€Imino Rhodium Carbenoids and 1,3â€Diketones: Substrateâ€Controlled Oâ€“H versus Câ€“H Insertion. European Journal of Organic Chemistry, 2017, 2017, 1289-1293. | 1.2 | 20 |
| 118 | Li-decorated porous graphene as a high-performance hydrogen storage material: A first-principles study. International Journal of Hydrogen Energy, 2017, 42, 10099-10108. | 3.8 | 77 |
| 119 | Metastable Marcasite-FeS<sub>2</sub> as a New Anode Material for Lithium Ion Batteries: CNFs-Improved Lithiation/Delithiation Reversibility and Li-Storage Properties. ACS Applied Materials & Interfaces, 2017, 9, 10708-10716. | 4.0 | 122 |
| 120 | Reply to Letter to the Editor: Below is our response to the concerns raised by Dr. Bianchi et al. regarding our manuscript (Guo, Y., Lam, L., Luo, Y., Plummer, V., Cross, W., Li, H., Yin, Y., Zhang, J., 2017.) Tj ETQq0 0 0 rgBT /Overlock 10 | 1.3 | 0 |
| 121 | Exploring resilience in Chinese nurses: a cross-sectional study. Journal of Nursing Management, 2017, 25, 223-230. | 1.4 | 65 |
| 122 | Theoretical simulation of CO<sub>2</sub> capture in organic cage impregnated with polyoxometalates. Journal of Computational Chemistry, 2017, 38, 612-619. | 1.5 | 7 |
| 123 | Porous Amorphous Co<sub>2</sub>P/N,Bâ€Coâ€doped Carbon Composite as an Improved Anode Material for Sodiumâ€Ion Batteries. ChemElectroChem, 2017, 4, 1395-1401. | 1.7 | 27 |
| 124 | Host Materials Transformable in Tumor Microenvironment for Homing Theranostics. Advanced Materials, 2017, 29, 1605869. | 11.1 | 121 |
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