

# Yongzhu Fu

## List of Publications by Year in descending order

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113  
papers

13,316  
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53794

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citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Rechargeable Lithium–Sulfur Batteries. <i>Chemical Reviews</i> , 2014, 114, 11751-11787.   | 47.7 | 3,842     |
| 2  | Challenges and Prospects of Lithium–Sulfur Batteries. <i>Accounts of Chemical Research</i> , 2013, 46, 1125-1134.  | 15.6 | 1,962     |
| 3  | Novel gel polymer electrolyte for high-performance lithium–sulfur batteries. <i>Nano Energy</i> , 2016, 22, 278-289.   | 16.0 | 382       |
| 4  | A strategic approach to recharging lithium-sulphur batteries for long cycle life. <i>Nature Communications</i> , 2013, 4, 2985.  | 12.8 | 376       |
| 5  | Challenges and perspectives of garnet solid electrolytes for all solid-state lithium batteries. <i>Journal of Power Sources</i> , 2018, 389, 120-134.                                      | 7.8  | 359       |
| 6  | Highly Reversible Lithium/Dissolved Polysulfide Batteries with Carbon Nanotube Electrodes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6930-6935.                         | 13.8 | 291       |
| 7  | Orthorhombic Bipyramidal Sulfur Coated with Polypyrrole Nanolayers As a Cathode Material for Lithium–Sulfur Batteries. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8910-8915.      | 3.1  | 259       |
| 8  | Improved lithium–sulfur cells with a treated carbon paper interlayer. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2291.   | 2.8  | 241       |
| 9  | Core-shell structured sulfur-polypyrrole composite cathodes for lithium-sulfur batteries. <i>RSC Advances</i> , 2012, 2, 5927.   | 3.6  | 211       |
| 10 | High-entropy alloys: emerging materials for advanced functional applications. <i>Journal of Materials Chemistry A</i> , 2021, 9, 663-701.  | 10.3 | 196       |
| 11 | Composite membranes based on sulfonated poly(ether ether ketone) and SDBS-adsorbed graphene oxide for direct methanol fuel cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 24862. | 6.7  | 192       |
| 12 | Organosulfides: An Emerging Class of Cathode Materials for Rechargeable Lithium Batteries. <i>Accounts of Chemical Research</i> , 2019, 52, 2290-2300.                                     | 15.6 | 177       |
| 13 | Enhanced Cyclability of Lithium–Sulfur Batteries by a Polymer Acid-Doped Polypyrrole Mixed Ionic–Electronic Conductor. <i>Chemistry of Materials</i> , 2012, 24, 3081-3087.                | 6.7  | 166       |
| 14 | Self-weaving sulfur–carbon composite cathodes for high rate lithium–sulfur batteries. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14495.  | 2.8  | 163       |
| 15 | Advances in Composite Polymer Electrolytes for Lithium Batteries and Beyond. <i>Advanced Energy Materials</i> , 2021, 11, 2000802.   | 19.5 | 162       |
| 16 | Organotrissulfide: A High Capacity Cathode Material for Rechargeable Lithium Batteries. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10027-10031.                          | 13.8 | 158       |
| 17 | Development of novel self-humidifying composite membranes for fuel cells. <i>Journal of Power Sources</i> , 2003, 124, 81-89.  | 7.8  | 145       |
| 18 | Degradation mechanism of polystyrene sulfonic acid membrane and application of its composite membranes in fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 611-615.       | 2.8  | 143       |

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|----|--|------|-----------|
| 19 | Sulfur-Polypyrrole Composite Cathodes for Lithium-Sulfur Batteries. <i>Journal of the Electrochemical Society</i> , 2012, 159, A1420-A1424.  | 2.9  | 141       |
| 20 | Li <sub>2</sub> S/Carbon Sandwiched Electrodes with Superior Performance for Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2014, 4, 1300655.  | 19.5 | 141       |
| 21 | In Situ-Formed Li <sub>2</sub> S in Lithiated Graphite Electrodes for Lithium-Sulfur Batteries. <i>Journal of the American Chemical Society</i> , 2013, 135, 18044-18047.  | 13.7 | 140       |
| 22 | Artificial dual solid-electrolyte interfaces based on in situ organothiol transformation in lithium sulfur battery. <i>Nature Communications</i> , 2021, 12, 3031.   | 12.8 | 138       |
| 23 | Highly reversible Li/dissolved polysulfide batteries with binder-free carbon nanofiber electrodes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10362.   | 10.3 | 135       |
| 24 | A universal strategy towards high-energy aqueous multivalent-ion batteries. <i>Nature Communications</i> , 2021, 12, 2857.   | 12.8 | 126       |
| 25 | Blend membranes based on sulfonated poly(ether ether ketone) and polysulfone bearing benzimidazole side groups for proton exchange membrane fuel cells. <i>Electrochemistry Communications</i> , 2006, 8, 1386-1390. | 4.7  | 112       |
| 26 | Novel Blend Membranes Based on Acid-Base Interactions for Fuel Cells. <i>Polymers</i> , 2012, 4, 1627-1644.  | 4.5  | 106       |
| 27 | A Perspective on Energy Densities of Rechargeable Li-S Batteries and Alternative Sulfur-Based Cathode Materials. <i>Energy and Environmental Materials</i> , 2018, 1, 20-27.   | 12.8 | 104       |
| 28 | Isomeric Organodithiol Additives for Improving Interfacial Chemistry in Rechargeable Li-S Batteries. <i>Journal of the American Chemical Society</i> , 2021, 143, 11063-11071.                                       | 13.7 | 101       |
| 29 | Sulfur-Carbon Nanocomposite Cathodes Improved by an Amphiphilic Block Copolymer for High-Rate Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 6046-6052.                          | 8.0  | 98        |
| 30 | Nitrate additives for lithium batteries: Mechanisms, applications, and prospects. <i>EScience</i> , 2021, 1, 108-123.  | 41.6 | 98        |
| 31 | Highly Reversible Diphenyl Trisulfide Catholyte for Rechargeable Lithium Batteries. <i>ACS Energy Letters</i> , 2016, 1, 1221-1226.  | 17.4 | 82        |
| 32 | Acid-base blend membranes based on 2-amino-benzimidazole and sulfonated poly(ether ether ketone) for direct methanol fuel cells. <i>Electrochemistry Communications</i> , 2007, 9, 905-910.                          | 4.7  | 81        |
| 33 | Li <sub>2</sub> S Nanocrystals Confined in Free-Standing Carbon Paper for High Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 21479-21486.                           | 8.0  | 73        |
| 34 | The unique chemistry of thiuram polysulfides enables energy dense lithium batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25005-25013.   | 10.3 | 71        |
| 35 | A Class of Organopolysulfides As Liquid Cathode Materials for High-Energy-Density Lithium Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21084-21090.  | 8.0  | 68        |
| 36 | Phenyl Selenosulfides as Cathode Materials for Rechargeable Lithium Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1801791.   | 14.9 | 66        |

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|----|--|------|-----------|
| 37 | Fast sodium intercalation in $\text{Na}_{3.41}\text{Fe}_0.59\text{V}(\text{PO}_4)_3$ : A novel sodium-deficient NASICON cathode for sodium-ion batteries. <i>Energy Storage Materials</i> , 2021, 35, 192-202.   | 18.0 | 66        |
| 38 | Polyphenylene Tetrasulfide as an Inherently Flexible Cathode Material for Rechargeable Lithium Batteries. <i>ACS Applied Energy Materials</i> , 2018, 1, 5859-5864.  | 5.1  | 62        |
| 39 | In Charge of the World: Electrochemical Energy Storage. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1295-1297.   | 4.6  | 60        |
| 40 | Fast, Reversible Lithium Storage with a Sulfur/Long-Chain Polysulfide Redox Couple. <i>Chemistry - A European Journal</i> , 2013, 19, 8621-8626.   | 3.3  | 58        |
| 41 | Rationally Designed High-Sulfur-Content Polymeric Cathode Material for Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 6136-6142.  | 8.0  | 57        |
| 42 | Bis(aryl) Tetrasulfides as Cathode Materials for Rechargeable Lithium Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, 16941-16947.  | 3.3  | 56        |
| 43 | Tuning the electrochemical behavior of organodisulfides in rechargeable lithium batteries using N-containing heterocycles. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7423-7429.                         | 10.3 | 55        |
| 44 | Mixture is better: enhanced electrochemical performance of phenyl selenosulfide in rechargeable lithium batteries. <i>Chemical Communications</i> , 2018, 54, 8873-8876.   | 4.1  | 49        |
| 45 | Polyphenyl polysulfide: a new polymer cathode material for Li-S batteries. <i>Chemical Communications</i> , 2019, 55, 4857-4860.   | 4.1  | 47        |
| 46 | Long Cycle Life Organic Polysulfide Catholyte for Rechargeable Lithium Batteries. <i>Advanced Science</i> , 2020, 7, 1902646.  | 11.2 | 47        |
| 47 | Lithium Benzenedithiolate Catholytes for Rechargeable Lithium Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1902223.   | 14.9 | 44        |
| 48 | Exploring sodium storage mechanism of topological insulator $\text{Bi}_2\text{Te}_3$ nanosheets encapsulated in conductive polymer. <i>Energy Storage Materials</i> , 2021, 41, 255-263.                         | 18.0 | 44        |
| 49 | Geometric and Electrochemical Characteristics of $\text{LiNi}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$ Electrode with Different Calendering Conditions. <i>Electrochimica Acta</i> , 2017, 232, 431-438.   | 5.2  | 42        |
| 50 | In Situ Focused Ion Beam Scanning Electron Microscope Study of Microstructural Evolution of Single Tin Particle Anode for Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1733-1738. | 8.0  | 42        |
| 51 | Organosulfide-Based Deep Eutectic Electrolyte for Lithium Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9881-9885.   | 13.8 | 42        |
| 52 | Recent advances of organometallic complexes for rechargeable batteries. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213650.   | 18.8 | 41        |
| 53 | Sulfonated polysulfone with 1,3-1H-dibenzimidazole-benzene additive as a membrane for direct methanol fuel cells. <i>Journal of Membrane Science</i> , 2008, 310, 262-267.                                       | 8.2  | 40        |
| 54 | Polyprotic acid catholyte for high capacity dual-electrolyte Li-air batteries. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 12737.   | 2.8  | 38        |

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|----|--|------|-----------|
| 55 | Influence of ionomer content on the proton conduction and oxygen transport in the carbon-supported catalyst layers in DMFC. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 9845-9852.     | 7.1  | 38        |
| 56 | Silicon nanoparticles supported on graphitic carbon paper as a hybrid anode for Li-ion batteries. <i>Nano Energy</i> , 2013, 2, 1107-1112.   | 16.0 | 36        |
| 57 | Electrosynthesis of 1,4-bis(diphenylphosphanyl) tetrasulfide via sulfur radical addition as cathode material for rechargeable lithium battery. <i>Nature Communications</i> , 2021, 12, 3220.          | 12.8 | 36        |
| 58 | Advances of Organosulfur Materials for Rechargeable Metal Batteries. <i>Advanced Science</i> , 2022, 9, e2103989.  | 11.2 | 36        |
| 59 | Advances in multimetallic alloy-based anodes for alkali-ion and alkali-metal batteries. <i>Materials Today</i> , 2021, 50, 259-275.  | 14.2 | 35        |
| 60 | Cu(NO <sub>3</sub> ) <sub>2</sub> as efficient electrolyte additive for 4ÅV class Li metal batteries with ultrahigh stability. <i>Energy Storage Materials</i> , 2021, 37, 1-7.                        | 18.0 | 33        |
| 61 | Enhanced Cyclability of Li/Polysulfide Batteries by a Polymer-Modified Carbon Paper Current Collector. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20369-20376.                           | 8.0  | 31        |
| 62 | Selenium Nanocomposite Cathode with Long Cycle Life for Rechargeable Lithium-Selenium Batteries. <i>Batteries and Supercaps</i> , 2019, 2, 784-791.  | 4.7  | 31        |
| 63 | Lowering the charge overpotential of Li <sub>2</sub> S via the inductive effect of phenyl diselenide in Li-S batteries. <i>Chemical Communications</i> , 2019, 55, 7655-7658.                          | 4.1  | 30        |
| 64 | Hydrocarbon blend membranes with suppressed chemical crossover for redox flow batteries. <i>RSC Advances</i> , 2012, 2, 5554.  | 3.6  | 29        |
| 65 | Imidazole-buffered acidic catholytes for hybrid Li-air batteries with high practical energy density. <i>Electrochemistry Communications</i> , 2014, 47, 67-70.   | 4.7  | 29        |
| 66 | Anodized Aluminum Oxide Separators with Aligned Channels for High-Performance Li-S Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5831-5837.                                     | 8.0  | 29        |
| 67 | Simultaneously Homogenized Electric Field and Ionic Flux for Reversible Ultrahigh-Areal-Capacity Li Deposition. <i>Nano Letters</i> , 2020, 20, 5662-5669.   | 9.1  | 29        |
| 68 | Hyperbranched organosulfur polymer cathode materials for Li-S battery. <i>Chemical Engineering Journal</i> , 2021, 415, 129043.  | 12.7 | 29        |
| 69 | Atomically dispersed Sn modified with trace sulfur species derived from organosulfide complex for electroreduction of CO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2022, 304, 120936. | 20.2 | 29        |
| 70 | Anion Intercalation of VS <sub>4</sub> Triggers Atomic Sulfur Transfer to Organic Disulfide in Rechargeable Lithium Battery. <i>Advanced Functional Materials</i> , 2021, 31, 2009875.                 | 14.9 | 28        |
| 71 | Intermolecular cyclic polysulfides as cathode materials for rechargeable lithium batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 87-90.  | 10.3 | 27        |
| 72 | Electrochemical properties of Cu <sub>2</sub> S with ether-based electrolyte in Li-ion batteries. <i>Electrochimica Acta</i> , 2013, 109, 716-719.   | 5.2  | 26        |

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|----|--|------|-----------|
| 73 | Yttrium Vanadium Oxide@Poly(3,4-ethylenedioxythiophene) Composite Cathode Material for Aqueous Zinc-Ion Batteries. <i>Small Methods</i> , 2021, 5, e2100544.   | 8.6  | 25        |
| 74 | Dynamic 1T@2H Mixed-Phase MoS <sub>2</sub> Enables High-Performance Li-Organosulfide Battery. <i>Small</i> , 2022, 18, e2105071.   | 10.0 | 23        |
| 75 | A Graphite-Polysulfide Full Cell with DME-Based Electrolyte. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1543-A1549.   | 2.9  | 22        |
| 76 | Advances of entropy-stabilized homologous compounds for electrochemical energy storage. <i>Journal of Energy Chemistry</i> , 2022, 67, 276-289.  | 12.9 | 22        |
| 77 | Homogeneous and Fast Li-Ion Transport Enabled by a Novel Metal-Organic-Framework-Based Succinonitrile Electrolyte for Dendrite-Free Li Deposition. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 52688-52696.            | 8.0  | 22        |
| 78 | Insoluble Naphthoquinone-Derived Molecular Cathode for High-Performance Lithium Organic Battery. <i>Advanced Functional Materials</i> , 2022, 32, .  | 14.9 | 22        |
| 79 | <i>In situ</i> and <i>operando</i> investigation of the dynamic morphological and phase changes of a selenium-doped germanium electrode during (de)lithiation processes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 750-759. | 10.3 | 21        |
| 80 | Inorganic Mediator toward Organosulfide Active Material: Anchoring and Electrocatalysis. <i>Advanced Functional Materials</i> , 2021, 31, 2001493.   | 14.9 | 21        |
| 81 | Benzoselenol as an organic electrolyte additive in Li-S battery. <i>Nano Research</i> , 2023, 16, 3814-3822.   | 10.4 | 20        |
| 82 | Polysulfide transport through separators measured by a linear voltage sweep method. <i>Journal of Power Sources</i> , 2015, 286, 557-560.  | 7.8  | 19        |
| 83 | Conversion of CO <sub>2</sub> to chemical feedstocks over bismuth nanosheets <i>in situ</i> grown on nitrogen-doped carbon. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19938-19945.  | 10.3 | 18        |
| 84 | Size Effect of Organosulfur and In Situ Formed Oligomers Enables High Utilization Na-Organosulfur Batteries. <i>Advanced Materials</i> , 2021, 33, e2100824.   | 21.0 | 18        |
| 85 | Nitrogen-rich azoles as trifunctional electrolyte additives for high-performance lithium-sulfur battery. <i>Journal of Energy Chemistry</i> , 2022, 71, 572-579.   | 12.9 | 18        |
| 86 | Electrochemistry of Electrode Materials Containing S-Se Bonds for Rechargeable Batteries. <i>Chemistry - A European Journal</i> , 2020, 26, 13322-13331.   | 3.3  | 17        |
| 87 | <i>In Situ</i> Synthesis of Vacancy-Rich Titanium Sulfide Confined in a Hollow Carbon Nanocage as an Efficient Sulfur Host for Lithium-Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 10104-10113.                 | 5.1  | 15        |
| 88 | Lithium Peroxide-Carbon Composite Cathode for Closed System Li-O <sub>2</sub> Batteries. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1327-A1333.   | 2.9  | 13        |
| 89 | Identical cut-off voltage <i>versus</i> equivalent capacity: an objective evaluation of the impact of dopants in layered oxide cathodes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11219-11227.                             | 10.3 | 12        |
| 90 | Carbonaceous-assisted confinement synthesis of refractory high-entropy alloy nanocomposites and their application for seawater electrolysis. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1580-1588.                 | 9.4  | 11        |

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|-----|--|------|-----------|
| 91  | Review "Advances in Rechargeable Li-S Full Cells. Journal of the Electrochemical Society, 2022, 169, 040525.   | 2.9  | 11        |
| 92  | A binder-free sulfur/carbon composite electrode prepared by a sulfur sublimation method for Li-S batteries. RSC Advances, 2016, 6, 52642-52645.  | 3.6  | 10        |
| 93  | Reductive defluorination of graphite monofluoride by weak, non-nucleophilic reductants reveals low-lying electron-accepting sites. Physical Chemistry Chemical Physics, 2018, 20, 14287-14290. | 2.8  | 9         |
| 94  | Two-Plateau Li-Se Chemistry for High Volumetric Capacity Se Cathodes. Angewandte Chemie, 2020, 132, 14012-14018.   | 2.0  | 9         |
| 95  | Benzene-1,2-dithiolato complexes as cathode materials for rechargeable lithium batteries. Electrochimica Acta, 2021, 370, 137757.  | 5.2  | 9         |
| 96  | Tuning Solvation Behavior of Ester-Based Electrolytes toward Highly Stable Lithium-Metal Batteries. ACS Applied Materials & Interfaces, 2021, 13, 40582-40589.                                 | 8.0  | 9         |
| 97  | Effect of non-active area on the performance of subgasketed MEAs in PEMFC. International Journal of Hydrogen Energy, 2013, 38, 7400-7406.  | 7.1  | 8         |
| 98  | Biredox Ionic Anthraquinone-Coupled Ethylviologen Composite Enables Reversible Multielectron Redox Chemistry for Li-Organic Batteries. Advanced Science, 2022, 9, e2103632.                    | 11.2 | 8         |
| 99  | Chemically synthesized lithium peroxide composite cathodes for closed system Li-O <sub>2</sub> batteries. Chemical Communications, 2016, 52, 5678-5681.  | 4.1  | 7         |
| 100 | Carbon disulfide: A redox mediator for organodisulfides in redox flow batteries. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .                 | 7.1  | 7         |
| 101 | Regulating dissolution chemistry of nitrates in carbonate electrolyte for high-stable lithium metal batteries. Journal of Energy Chemistry, 2022, 73, 422-428.                                 | 12.9 | 7         |
| 102 | An Organic-Inorganic Hybrid Cathode Based on Se Dynamic Covalent Bonds. Angewandte Chemie, 2020, 132, 2676-2680.   | 2.0  | 6         |
| 103 | A self-healing Li-S redox flow battery with alternative reaction pathways. Journal of Materials Chemistry A, 2021, 9, 12652-12658.   | 10.3 | 5         |
| 104 | Smart Flow Electrosynthesis and Application of Organodisulfides in Redox Flow Batteries. Advanced Science, 2021, 9, 2104036.   | 11.2 | 5         |
| 105 | Garnet solid-state electrolyte with benzenedithiolate catholyte for rechargeable lithium batteries. Chemical Communications, 2022, 58, 3657-3660.  | 4.1  | 5         |
| 106 | Electrochemical behavior of tin foil anode in half cell and full cell with sulfur cathode. Electrochimica Acta, 2019, 294, 60-67.  | 5.2  | 4         |
| 107 | Ultrastable Na-TiS <sub>2</sub> battery enabled by in situ construction of gel polymer electrolyte. Journal of Power Sources, 2021, 516, 230653.   | 7.8  | 4         |
| 108 | A fluorinated macrocyclic organodisulfide cathode for lithium organic batteries. Chemical Communications, 2022, 58, 5602-5605.   | 4.1  | 4         |

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|-----|---|-----|-----------|
| 109 | Advances of Metal Oxide Composite Cathodes for Aqueous Zinc-Ion Batteries. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .  | 5.8 | 4         |
| 110 | Nanostructured Materials for Lithium-Ion Batteries. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-1.  | 2.7 | 3         |
| 111 | Biomass-Derived Lenthionine Enhanced by Radical Receptor for Rechargeable Lithium Battery. <i>ChemSusChem</i> , 2022, 15, .   | 6.8 | 3         |
| 112 | Conversion of $\text{SeS}_2$ to Organoselenosulfides Enables High-Performance Rechargeable Lithium Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 7526-7535. | 6.7 | 1         |
| 113 | High-performance garnet solid-state battery enabled by improved interfaces. <i>Journal of Power Sources</i> , 2022, 542, 231798.  | 7.8 | 1         |