

Jing-ze Li

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Hexacyanoferrate-Type Prussian Blue Analogs: Principles and Advances Toward High-Performance Sodium and Potassium Ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2000943. | 19.5 | 217 |
| 2 | Potassium salts of para-aromatic dicarboxylates as the highly efficient organic anodes for low-cost K-ion batteries. <i>Nano Energy</i> , 2017, 33, 350-355. | 16.0 | 209 |
| 3 | Recent Progress in Stimulus-Responsive Two-Dimensional Metal-Organic Frameworks. , 2020, 2, 779-797. | | 187 |
| 4 | Li metal coated with amorphous Li ₃ PO ₄ via magnetron sputtering for stable and long-cycle life lithium metal batteries. <i>Journal of Power Sources</i> , 2017, 342, 175-182. | 7.8 | 181 |
| 5 | Long lifespan lithium metal anodes enabled by Al ₂ O ₃ sputter coating. <i>Energy Storage Materials</i> , 2018, 10, 16-23. | 18.0 | 174 |
| 6 | TiS ₂ as a high performance potassium ion battery cathode in ether-based electrolyte. <i>Energy Storage Materials</i> , 2018, 12, 216-222. | 18.0 | 129 |
| 7 | Nanostructured potassium-organic framework as an effective anode for potassium-ion batteries with a long cycle life. <i>Nanoscale</i> , 2020, 12, 7870-7874. | 5.6 | 129 |
| 8 | Al ₂ O ₃ surface coating on LiCoO ₂ through a facile and scalable wet-chemical method towards high-energy cathode materials withstanding high cutoff voltages. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24361-24370. | 10.3 | 127 |
| 9 | Extremely Accessible Potassium Nitrate (KNO ₃) as the Highly Efficient Electrolyte Additive in Lithium Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15399-15405. | 8.0 | 123 |
| 10 | Enhanced performance of organic light emitting device by insertion of conducting/insulating WO ₃ anodic buffer layer. <i>Synthetic Metals</i> , 2005, 151, 141-146. | 3.9 | 110 |
| 11 | Improved Electrochemical Performance of LiCoO ₂ Electrodes with ZnO Coating by Radio Frequency Magnetron Sputtering. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 15853-15859. | 8.0 | 106 |
| 12 | Graphene oxide as a filler to improve the performance of PAN-LiClO ₄ flexible solid polymer electrolyte. <i>Solid State Ionics</i> , 2018, 315, 7-13. | 2.7 | 104 |
| 13 | Extending the High-Voltage Capacity of LiCoO ₂ Cathode by Direct Coating of the Composite Electrode with Li ₂ CO ₃ via Magnetron Sputtering. <i>Journal of Physical Chemistry C</i> , 2016, 120, 422-430. | 3.1 | 97 |
| 14 | Surface structure and high-rate performance of spinel Li ₄ Ti ₅ O ₁₂ coated with N-doped carbon as anode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2013, 239, 538-545. | 7.8 | 94 |
| 15 | Ferrocene-Based Mixed-Valence Metal-Organic Framework as an Efficient and Stable Cathode for Lithium-Ion-Based Dual-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32719-32725. | 8.0 | 87 |
| 16 | Anisotropic Ion Conductivity in Liquid Crystalline Diblock Copolymer Membranes with Perpendicularly Oriented PEO Cylindrical Domains. <i>Macromolecules</i> , 2007, 40, 8125-8128. | 4.8 | 84 |
| 17 | Size-, Water-, and Defect-Regulated Potassium Manganese Hexacyanoferrate with Superior Cycling Stability and Rate Capability for Low-Cost Sodium-Ion Batteries. <i>Small</i> , 2019, 15, e1902420. | 10.0 | 82 |
| 18 | Solid-state synthesis of submicron-sized Li ₄ Ti ₅ O ₁₂ /Li ₂ TiO ₃ composites with rich grain boundaries for lithium ion batteries. <i>Journal of Power Sources</i> , 2014, 266, 114-120. | 7.8 | 78 |

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|----|---|------|-----------|
| 19 | Improved high-voltage and high-temperature electrochemical performances of LiCoO ₂ cathode by electrode sputter-coating with Li ₃ PO ₄ . Journal of Power Sources, 2016, 322, 10-16. | 7.8 | 78 |
| 20 | <i>Para</i> -Conjugated Dicarboxylates with Extended Aromatic Skeletons as the Highly Advanced Organic Anodes for K-Ion Battery. ACS Applied Materials & Interfaces, 2017, 9, 27414-27420. | 8.0 | 77 |
| 21 | Template- and Vacuum-Ultraviolet- Assisted Fabrication of a Ag-Nanoparticle Array on Flexible and Rigid Substrates. Advanced Materials, 2007, 19, 1267-1271. | 21.0 | 73 |
| 22 | Sputtering TiO ₂ on LiCoO ₂ composite electrodes as a simple and effective coating to enhance high-voltage cathode performance. Journal of Power Sources, 2017, 346, 24-30. | 7.8 | 72 |
| 23 | Poly(N-vinylcarbazole) as an advanced organic cathode for potassium-ion-based dual-ion battery. Electrochimica Acta, 2019, 297, 850-855. | 5.2 | 72 |
| 24 | Stable, fast and high-energy-density LiCoO ₂ cathode at high operation voltage enabled by glassy B ₂ O ₃ modification. Journal of Power Sources, 2017, 362, 131-139. | 7.8 | 65 |
| 25 | Ferrocene-based metal-organic framework as a promising cathode in lithium-ion battery. Chemical Engineering Journal, 2021, 404, 126463. | 12.7 | 64 |
| 26 | Superior electrochemical performance of LiCoO ₂ electrodes enabled by conductive Al ₂ O ₃ -doped ZnO coating via magnetron sputtering. Journal of Power Sources, 2015, 298, 114-122. | 7.8 | 63 |
| 27 | Porous Li ₂ C ₈ H ₄ O ₄ coated with N-doped carbon by using CVD as an anode material for Li-ion batteries. Journal of Materials Chemistry A, 2014, 2, 5696-5702. | 10.3 | 62 |
| 28 | Rice husk derived carbon-silica composites as anodes for lithium ion batteries. RSC Advances, 2014, 4, 64744-64746. | 3.6 | 62 |
| 29 | X-Ray Diffraction and Vibrational Spectroscopic Studies on PAN-LiTFSI Polymer Electrolytes. Journal of the Electrochemical Society, 2000, 147, 2653. | 2.9 | 61 |
| 30 | Large scale, flexible organic transistor arrays and circuits based on polyimide materials. Organic Electronics, 2013, 14, 2528-2533. | 2.6 | 60 |
| 31 | Structure-Property of Metal Organic Frameworks Calcium Terephthalates Anodes for Lithium-ion Batteries. Electrochimica Acta, 2015, 173, 235-241. | 5.2 | 59 |
| 32 | Endowing CuTCNQ with a new role: a high-capacity cathode for K-ion batteries. Chemical Communications, 2018, 54, 5578-5581. | 4.1 | 59 |
| 33 | Understanding and suppressing side reactions in Li-air batteries. Materials Chemistry Frontiers, 2017, 1, 2495-2510. | 5.9 | 59 |
| 34 | Dicarboxylate CaC ₈ H ₄ O ₄ as a high-performance anode for Li-ion batteries. Nano Research, 2015, 8, 523-532. | 10.4 | 58 |
| 35 | Performance of Polymer-in-Salt Electrolyte PAN-LiTFSI Enhanced by Graphene Oxide Filler. Journal of the Electrochemical Society, 2016, 163, A2248-A2252. | 2.9 | 56 |
| 36 | Air-stable lithium metal anode with sputtered aluminum coating layer for improved performance. Electrochimica Acta, 2019, 317, 120-127. | 5.2 | 53 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Molybdenum thin films with low resistivity and superior adhesion deposited by radio-frequency magnetron sputtering at elevated temperature. <i>Thin Solid Films</i> , 2014, 567, 64-71. | 1.8 | 51 |
| 38 | Enhanced Interfacial Kinetics and High-Voltage/High-Rate Performance of LiCoO_2 Cathode by Controlled Sputter-Coating with a Nanoscale $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Ionic Conductor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34123-34131. | 8.0 | 50 |
| 39 | Pretreatment of Lithium Surface by Using Iodic Acid (HIO_3) To Improve Its Anode Performance in Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7068-7074. | 8.0 | 50 |
| 40 | Low-temperature fusion fabrication of Li-Cu alloy anode with in situ formed 3D framework of inert LiCu nanowires for excellent Li storage performance. <i>Science Bulletin</i> , 2020, 65, 1907-1915. | 9.0 | 50 |
| 41 | Electrochemical characterization of $\text{Co}_3\text{O}_4/\text{MCNTs}$ composite anode materials for sodium-ion batteries. <i>Journal of Materials Science</i> , 2015, 50, 4142-4148. | 3.7 | 49 |
| 42 | The study of surface films formed on SnO anode in lithium rechargeable batteries by FTIR spectroscopy. <i>Journal of Power Sources</i> , 2002, 107, 1-4. | 7.8 | 48 |
| 43 | Organic Potassium Terephthalate ($\text{K}_2\text{C}_8\text{H}_4\text{O}_4$) with Stable Lattice Structure Exhibits Excellent Cyclic and Rate Capability in Li-ion Batteries. <i>Electrochimica Acta</i> , 2016, 222, 1086-1093. | 5.2 | 48 |
| 44 | Exploitation of redox-active 1,4-dicyanobenzene and 9,10-dicyanoanthracene as the organic electrode materials in rechargeable lithium battery. <i>Electrochemistry Communications</i> , 2017, 75, 29-32. | 4.7 | 47 |
| 45 | Oxalate co-precipitation synthesis of $\text{LiNi}_0.6\text{Co}_0.2\text{Mn}_0.2\text{O}_2$ for low-cost and high-energy lithium-ion batteries. <i>Materials Today Communications</i> , 2019, 19, 262-270. | 1.9 | 47 |
| 46 | Sulphur-doped ordered mesoporous carbon with enhanced electrocatalytic activity for the oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2016, 25, 566-570. | 12.9 | 46 |
| 47 | Superior rate performance of $\text{Li}_4\text{Ti}_5\text{O}_{12}/\text{TiO}_2/\text{C}/\text{CNTs}$ composites via microemulsion-assisted method as anodes for lithium ion battery. <i>Electrochimica Acta</i> , 2014, 142, 202-207. | 5.2 | 45 |
| 48 | Microspherical $\text{Na}_2\text{Ti}_3\text{O}_7$ prepared by spray-drying method as anode material for sodium-ion battery. <i>Solid State Ionics</i> , 2014, 262, 192-196. | 2.7 | 45 |
| 49 | Silver Terephthalate ($\text{Ag}_2\text{C}_8\text{H}_4\text{O}_4$) Offering in-situ Formed Metal/Organic Nanocomposite as the Highly Efficient Organic Anode in Li-ion and Na-ion Batteries. <i>Electrochimica Acta</i> , 2016, 219, 418-424. | 5.2 | 43 |
| 50 | A dual-phase $\text{Li}-\text{Ca}$ alloy with a patternable and lithiophilic 3D framework for improving lithium anode performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22377-22384. | 10.3 | 42 |
| 51 | Investigating the Electrochemical Behavior of Cobalt(II) Terephthalate ($\text{CoC}_8\text{H}_4\text{O}_4$) as the Organic Anode in K-ion Battery. <i>Electrochimica Acta</i> , 2017, 253, 333-338. | 5.2 | 40 |
| 52 | Toward Organic Carbonyl-Contained Small Molecules in Rechargeable Batteries: A Review of Current Modified Strategies. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15445-15465. | 6.7 | 40 |
| 53 | Alkaline Earth Metal Terephthalates $\text{MC}_8\text{H}_4\text{O}_4$ (M=Ca, Sr, Ba) as Anodes for Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2016, 196, 118-124. | 5.2 | 39 |
| 54 | One-step synthesis of $\text{Cu}(\text{In,Ga})\text{Se}_2$ absorber layers by magnetron sputtering from a single quaternary target. <i>Thin Solid Films</i> , 2012, 520, 6068-6074. | 1.8 | 36 |

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|----|---|------|-----------|
| 55 | Quick Fabrication of Large-area Organic Semiconductor Single Crystal Arrays with a Rapid Annealing Self-Solution-Shearing Method. <i>Scientific Reports</i> , 2015, 5, 13195. | 3.3 | 36 |
| 56 | Tailored Ag nanoparticle array fabricated by block copolymer photolithography. <i>Thin Solid Films</i> , 2008, 516, 2577-2581. | 1.8 | 34 |
| 57 | Conjugated Dicarboxylate with Extended Naphthyl Skeleton as an Advanced Organic Anode for Potassium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2019, 166, A5221-A5225. | 2.9 | 34 |
| 58 | Three-dimensional carbon material as stable host for dendrite-free lithium metal anodes. <i>Electrochimica Acta</i> , 2019, 301, 251-257. | 5.2 | 32 |
| 59 | Fast ion/electron conducting scaffold of Li-Zn dual-phase alloy enable uniform deposition of Li metal at high current densities. <i>Journal of Energy Chemistry</i> , 2020, 51, 285-292. | 12.9 | 32 |
| 60 | The electrochemical behaviors of Li ₂ C ₈ H ₄ O ₆ and its corresponding organic acid C ₈ H ₆ O ₆ as anodes for Li-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2016, 761, 74-79. | 3.8 | 29 |
| 61 | Solution-processed high-performance flexible 9, 10-bis(phenylethynyl)anthracene organic single-crystal transistor and ring oscillator. <i>Applied Physics Letters</i> , 2014, 104, . | 3.3 | 28 |
| 62 | Syntheses of Silver Nanowires Ink and Printable Flexible Transparent Conductive Film: A Review. <i>Coatings</i> , 2020, 10, 865. | 2.6 | 28 |
| 63 | Stable macroscopic nanocylinder arrays in an amphiphilic diblock liquid-crystalline copolymer with successive hydrogen bonds. <i>Journal of Materials Chemistry</i> , 2007, 17, 3485. | 6.7 | 27 |
| 64 | Calcium terephthalate/graphite composites as anode materials for lithium-ion batteries. <i>Ionics</i> , 2015, 21, 1893-1899. | 2.4 | 27 |
| 65 | Partly lithiated graphitic carbon foam as 3D porous current collectors for dendrite-free lithium metal anodes. <i>Electrochemistry Communications</i> , 2019, 107, 106535. | 4.7 | 26 |
| 66 | The interaction between SnO anode and electrolytes. <i>Journal of Power Sources</i> , 1999, 81-82, 346-351. | 7.8 | 25 |
| 67 | Solid-state synthesis of graphite carbon-coated Li ₄ Ti ₅ O ₁₂ anode for lithium ion batteries. <i>Ionics</i> , 2014, 20, 1377-1383. | 2.4 | 25 |
| 68 | Enhancing the Thermoelectric Properties of the Electroplated Bi ₂ Te ₃ Films by Tuning the Pulse Off-to-on Ratio. <i>Electrochimica Acta</i> , 2015, 178, 217-224. | 5.2 | 25 |
| 69 | Sodium Titanate/Carbon (Na ₂ Ti ₃ O ₇ /C) Nanofibers via Electrospinning Technique as the Anode of Sodium-Ion Batteries. <i>Chinese Journal of Chemistry</i> , 2017, 35, 79-85. | 4.9 | 24 |
| 70 | Polymer Electrolyte Film as Robust and Deformable Artificial Protective Layer for High-Performance Lithium Metal Anode. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2285-2292. | 8.0 | 24 |
| 71 | Zinc terephthalates ZnC ₈ H ₄ O ₄ as anodes for lithium ion batteries. <i>Electrochimica Acta</i> , 2017, 235, 304-310. | 5.2 | 22 |
| 72 | A better understanding of the capacity fading mechanisms of Li ₃ V ₂ (PO ₄) ₃ . <i>RSC Advances</i> , 2015, 5, 71684-71691. | 3.6 | 21 |

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|----|--|-----|-----------|
| 73 | A comprehensive study of silver nanowires filled electrically conductive adhesives. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7927-7935. | 2.2 | 21 |
| 74 | Metal Organic Frameworkâ€Derived Cobalt Dicarboxylate as a Highâ€Capacity Anode Material for Lithiumâ€ion Batteries. <i>Energy Technology</i> , 2017, 5, 637-642. | 3.8 | 21 |
| 75 | Porous equipotential body with heterogeneous nucleation sites: A novel 3D composite current collector for lithium metal anode. <i>Electrochimica Acta</i> , 2019, 309, 460-468. | 5.2 | 21 |
| 76 | Inkjet Printing of Flexible Transparent Conductive Films with Silver Nanowires Ink. <i>Nanomaterials</i> , 2021, 11, 1571. | 4.1 | 21 |
| 77 | Thermal conductivity study of micrometer-thick thermoelectric films by using three-omega methods. <i>Applied Thermal Engineering</i> , 2016, 98, 683-689. | 6.0 | 19 |
| 78 | ZnF2 coated three dimensional Li-Ni composite anode for improved performance. <i>Journal of Materiomics</i> , 2019, 5, 176-184. | 5.7 | 19 |
| 79 | Three-dimensional nanoporous and nanopillar composite Cu-Sn electrode for lithium-ion battery. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1765-1771. | 2.5 | 18 |
| 80 | One-step synthesis of novel poly(terephthalate- <i>alt</i> -benzoquinone) with high specific capacity as a stable organic cathode for Li-ion batteries. <i>New Journal of Chemistry</i> , 2017, 41, 14539-14544. | 2.8 | 18 |
| 81 | Novel Insights into Inkjet Printed Silver Nanowires Flexible Transparent Conductive Films. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7719. | 4.1 | 17 |
| 82 | New insights into silver nanowires filled electrically conductive adhesives. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 621-629. | 2.2 | 16 |
| 83 | Magnesium Terephthalate as an Organic Anode Material for Sodium Ion Batteries. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2014, 30, 1787-1793. | 4.9 | 15 |
| 84 | Isotropical conductive adhesives with very-long silver nanowires as conductive fillers. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 10-17. | 2.2 | 15 |
| 85 | LiCoO ₂ thin film cathode sputtered onto 500Â°C substrate. <i>Electrochimica Acta</i> , 2020, 354, 136668. | 5.2 | 15 |
| 86 | Three-dimensional lithiophilic Li ₂₂ Sn ₅ alloy skeleton for dendrite-free and ultrahigh-capacity Li metal anode. <i>Electrochimica Acta</i> , 2022, 405, 139787. | 5.2 | 14 |
| 87 | A comprehensive study of transparent conductive silver nanowires films with mixed cellulose ester as matrix. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6532-6538. | 2.2 | 13 |
| 88 | Fast Li ⁺ Transport of LiâˆZn Alloy Protective Layer Enabling Excellent Electrochemical Performance of Li Metal Anode. <i>Batteries and Supercaps</i> , 2021, 4, 140-145. | 4.7 | 13 |
| 89 | Li _x Cu alloy nanowires nested in Ni foam for highly stable Li metal composite anode. <i>Science China Materials</i> , 2022, 65, 69-77. | 6.3 | 13 |
| 90 | Ion-exchange surface modification enhances cycling stability and kinetics of sodium manganese hexacyanoferrate cathode in sodium-ion batteries. <i>Electrochimica Acta</i> , 2021, 390, 138842. | 5.2 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | Solvent induced formation of an ordered nanorod array of gold/polymer composite by block copolymer film templating. <i>Nanotechnology</i> , 2011, 22, 335301. | 2.6 | 12 |
| 92 | Sintering behavior and effect of silver nanoparticles on the resistivity of electrically conductive adhesives composed of silver flakes. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 2402-2415. | 2.6 | 12 |
| 93 | Highly twisted organic molecules with ortho linkage as the efficient bipolar hosts for sky-blue thermally activated delayed fluorescence emitter in OLEDs. <i>Organic Electronics</i> , 2017, 50, 153-160. | 2.6 | 12 |
| 94 | Influence of doping location and width of dimethylquinacridone on the performance of organic light emitting devices. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 392-396. | 2.8 | 11 |
| 95 | Surface-enhanced Raman Scattering (SERS) Effect of Hexagonally Arranged Gold Nanoparticle Array with 29-nm Particles and 23-nm Gaps Using Liquid-crystalline Block-copolymer Template. <i>Chemistry Letters</i> , 2013, 42, 71-73. | 1.3 | 11 |
| 96 | Enhanced reversibility and electrochemical performances of mechanically alloyed Cu ₃ P achieved by Fe addition. <i>RSC Advances</i> , 2016, 6, 26800-26808. | 3.6 | 11 |
| 97 | Disodium terephthalate/multiwall-carbon nanotube nanocomposite as advanced anode material for Li-ion batteries. <i>Ionics</i> , 2017, 23, 2613-2619. | 2.4 | 11 |
| 98 | Electrochemical performance of ZnO-coated Li ₄ Ti ₅ O ₁₂ composite electrodes for lithium-ion batteries with the voltage ranging from 3 to 0.01 V. <i>Royal Society Open Science</i> , 2018, 5, 180762. | 2.4 | 11 |
| 99 | LiF headspace affixed metallic Li composite enables Li accommodation on the anode surface with excellent electrochemical performance. <i>Chemical Engineering Journal</i> , 2022, 430, 132970. | 12.7 | 11 |
| 100 | Reactive Conductive Ink Capable of In Situ and Rapid Synthesis of Conductive Patterns Suitable for Inkjet Printing. <i>Molecules</i> , 2019, 24, 3548. | 3.8 | 9 |
| 101 | Control of Regular Nanostructures Self-Assembled in an Amphiphilic Diblock Liquid-Crystalline Copolymer. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 478, 271/[1027]-281/[1037]. | 0.9 | 8 |
| 102 | Phase-selective staining of metal salt for scanning electron microscopy imaging of block copolymer film. <i>Ultramicroscopy</i> , 2010, 110, 1338-1342. | 1.9 | 8 |
| 103 | Sequential Evaporation of Bi-Te Thin Films with Controllable Composition and Their Thermoelectric Transport Properties. <i>Journal of Electronic Materials</i> , 2013, 42, 2184-2191. | 2.2 | 8 |
| 104 | Self-Formed Lithiophilic Alloy Buffer Layer on Copper Foam Framework for Advanced Lithium Metal Anodes. <i>ACS Applied Energy Materials</i> , 2021, 4, 4879-4886. | 5.1 | 8 |
| 105 | Si Nanowire Anode Prepared by Chemical Etching for High Energy Density Lithium-ion Battery. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2013, 28, 1207-1212. | 1.3 | 8 |
| 106 | Selective deposition on block copolymer film by thermal evaporation of silver. <i>Surface and Coatings Technology</i> , 2012, 206, 4634-4638. | 4.8 | 7 |
| 107 | Impact of the film thickness and substrate on the thermopower measurement of thermoelectric films by the potential-Seebeck microprobe (PSM). <i>Applied Thermal Engineering</i> , 2016, 107, 552-559. | 6.0 | 7 |
| 108 | Silver-mediated calcium terephthalate with enhanced electronic conductivity as an organic anode for efficient Li-ion batteries. <i>RSC Advances</i> , 2016, 6, 29404-29409. | 3.6 | 7 |

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|-----|--|-----|-----------|
| 109 | 3D composite lithium metal with multilevel micro-nano structure combined with surface modification for stable lithium metal anodes. <i>Applied Surface Science</i> , 2021, 570, 151159. | 6.1 | 7 |
| 110 | Polyimide (PI) high-quality polymer dielectric films with the features of anti-solvents and large-area consistency for field-effect transistors. <i>RSC Advances</i> , 2015, 5, 88059-88062. | 3.6 | 6 |
| 111 | Simultaneously Constructing a TiO ₂ –LiF Composite Coating Enhancing the Cycling Stability of LiCoO ₂ at 4.6 V High Voltage. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8151-8161. | 6.7 | 6 |
| 112 | Li-Ca Alloy Composite Anode with Ant-Nest-Like Lithiophilic Channels in Carbon Cloth Enabling High-Performance Li Metal Batteries. <i>Research</i> , 2022, 2022, . | 5.7 | 6 |
| 113 | Silver Nanowires Buried at the Surface of Mixed Cellulose Ester as Transparent Conducting Electrode. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5617-5624. | 0.9 | 5 |
| 114 | Influence of Characteristics of Thermoplastic Polyurethane on Graphene-Thermoplastic Polyurethane Composite Film. <i>Micromachines</i> , 2021, 12, 129. | 2.9 | 5 |
| 115 | Controllable preparation and electrochemical properties of In-situ annealed LiCoO ₂ films with a specific crystalline orientation on stainless steel substrates. <i>Solid State Ionics</i> , 2021, 365, 115658. | 2.7 | 5 |
| 116 | Effect of lithium trifluoromethanesulfonate on the phase diagram of a liquid-crystalline amphiphilic diblock copolymer. <i>Journal of Applied Crystallography</i> , 2007, 40, s585-s589. | 4.5 | 4 |
| 117 | LiCoO ₂ thin film cathode fabricated by pulsed laser deposition. <i>Rare Metals</i> , 2011, 30, 106-110. | 7.1 | 4 |
| 118 | Ultra-multiple and reproducible resistance levels based on intrinsic crystallization properties of Ge ₁ Sb ₄ Te ₇ film. <i>Applied Surface Science</i> , 2016, 369, 348-353. | 6.1 | 4 |
| 119 | Sintering Behavior and Effect of Silver Nanowires on the Electrical Conductivity of Electrically Conductive Adhesives. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1125-1137. | 0.9 | 4 |
| 120 | Influence of curing procedures on the electrical properties of epoxy-based isotropic conductive adhesives. , 2014, , . | | 3 |
| 121 | Synthesis and electrical properties of silver nanoplates for electronic applications. <i>Materials Science-Poland</i> , 2015, 33, 242-250. | 1.0 | 3 |
| 122 | ZrO ₂ thin film protected li metal anode for improved electrochemical performance. <i>AIP Conference Proceedings</i> , 2019, , . | 0.4 | 3 |
| 123 | New Applications of Solid State Ionics. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2013, 28, 1163-1164. | 1.3 | 3 |
| 124 | Bulk higher manganese silicide thermoelectric materials and modules. <i>Procedia Engineering</i> , 2012, 27, 94-102. | 1.2 | 2 |
| 125 | Fabrication of PbS QDs/Graphene Heterostructure Photoelectrochemical Cell by Electrochemical Atomic Layer Epitaxy Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 235-239. | 0.9 | 1 |
| 126 | Performance of Amorphous Lithium Phosphate Coated Lithium Titanate Electrodes in Extended Working Range of 0.01-3.00 V. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 999. | 1.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|----|-----------|
| 127 | Improved performance of LiCoO_2 cathode enabled by electrode sputtering coating with Al_2O_3 , 2016, , . | | 0 |