

Yinzhu Jiang

List of Publications by Year in descending order

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115
papers

6,635
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8820
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Unique Structural Highly Compacted Binder-Free Silicon-Based Anode with High Electronic Conductivity for High-Performance Lithium-Ion Batteries. <i>Small Structures</i> , 2022, 3, 2100174. | 6.9 | 22 |
| 2 | A Redox Couple Strategy Enables Long-Cycling Li- and Mn-Rich Layered Oxide Cathodes by Suppressing Oxygen Release. <i>Advanced Materials</i> , 2022, 34, e2108543. | 11.1 | 24 |
| 3 | New Insights into the Effects of Zr Substitution and Carbon Additive on $\text{Li}_3\text{Er}_2\text{ZrCl}_6$ Halide Solid Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8095-8105. | 4.0 | 36 |
| 4 | Hybrid Design of Bulk-Na Metal Anode to Minimize Cycle-Induced Interface Deterioration of Solid Na Metal Battery. <i>Advanced Energy Materials</i> , 2022, 12, . | 10.2 | 25 |
| 5 | From fundamentals and theories to heterostructured electrocatalyst design: An in-depth understanding of alkaline hydrogen evolution reaction. <i>Nano Energy</i> , 2022, 98, 107231. | 8.2 | 76 |
| 6 | Ion Hopping: Design Principles for Strategies to Improve Ionic Conductivity for Inorganic Solid Electrolytes. <i>Small</i> , 2022, 18, e2107064. | 5.2 | 23 |
| 7 | Toward enhanced alkaline hydrogen electrocatalysis with transition metal-functionalized nitrogen-doped carbon supports. <i>Chinese Journal of Catalysis</i> , 2022, 43, 1351-1359. | 6.9 | 6 |
| 8 | Cobalt Single Atoms Enabling Efficient Methanol Oxidation Reaction on Platinum Anchored on Nitrogen-Doped Carbon. <i>Small</i> , 2022, 18, e2107067. | 5.2 | 23 |
| 9 | A robust, highly reversible, mixed conducting sodium metal anode. <i>Science Bulletin</i> , 2021, 66, 179-186. | 4.3 | 29 |
| 10 | Interface engineering of heterostructured electrocatalysts towards efficient alkaline hydrogen electrocatalysis. <i>Science Bulletin</i> , 2021, 66, 85-96. | 4.3 | 127 |
| 11 | Recent progress on hybrid electrocatalysts for efficient electrochemical CO ₂ reduction. <i>Nano Energy</i> , 2021, 80, 105504. | 8.2 | 78 |
| 12 | Interface Engineering of Air Electrocatalysts for Rechargeable Zinc-Air Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2002762. | 10.2 | 129 |
| 13 | Konjac glucomannan biopolymer as a multifunctional binder to build a solid permeable interface on $\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ cathodes for high-performance sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9864-9874. | 5.2 | 16 |
| 14 | A Novel Perovskite Electron-Ion Conductive Coating to Simultaneously Enhance Cycling Stability and Rate Capability of $\text{Li}_{1.2}\text{Ni}_{0.13}\text{Co}_{0.13}\text{Mn}_{0.54}\text{O}_2$ Cathode Material for Lithium-Ion Batteries. <i>Small</i> , 2021, 17, e2008132. | 5.2 | 28 |
| 15 | Porous Bilayer Electrode-Guided Gas Diffusion for Enhanced CO ₂ Electrochemical Reduction. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100083. | 2.8 | 10 |
| 16 | 2D Metal-Free Nanomaterials Beyond Graphene and Its Analogues toward Electrocatalysis Applications. <i>Advanced Energy Materials</i> , 2021, 11, 2101202. | 10.2 | 24 |
| 17 | Atomic-Level Modulation of the Interface Chemistry of Platinum-Nickel Oxide toward Enhanced Hydrogen Electrocatalysis Kinetics. <i>Nano Letters</i> , 2021, 21, 4845-4852. | 4.5 | 31 |
| 18 | Manipulating the Coordination Chemistry of Ru ₂ N(O) ₂ C Moieties for Fast Alkaline Hydrogen Evolution Kinetics. <i>Advanced Functional Materials</i> , 2021, 31, 2100698. | 7.8 | 74 |

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|----|---|------|-----------|
| 19 | Conversion-Induced Alloying Anode Materials for Sodium Ion Batteries. <i>Small</i> , 2021, 17, e2101137. | 5.2 | 102 |
| 20 | Single-Atom Electrocatalysts for Multi-Electron Reduction of CO ₂ . <i>Small</i> , 2021, 17, e2101443. | 5.2 | 44 |
| 21 | Amino Acid-Induced Interface Charge Engineering Enables Highly Reversible Zn Anode. <i>Advanced Functional Materials</i> , 2021, 31, 2103514. | 7.8 | 156 |
| 22 | Reversible Magnesium Metal Anode Enabled by Cooperative Solvation/Surface Engineering in Carbonate Electrolytes. <i>Nano-Micro Letters</i> , 2021, 13, 195. | 14.4 | 24 |
| 23 | Lattice-Confined Ir Clusters on Pd Nanosheets with Charge Redistribution for the Hydrogen Oxidation Reaction under Alkaline Conditions. <i>Advanced Materials</i> , 2021, 33, e2105400. | 11.1 | 76 |
| 24 | A Novel Tin-Bonded Silicon Anode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45578-45588. | 4.0 | 25 |
| 25 | Manganese hexacyanoferrate reinforced by PEDOT coating towards high-rate and long-life sodium-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3222-3227. | 5.2 | 73 |
| 26 | A Ga-Sn liquid metal-mediated structural cathode for Li-O ₂ batteries. <i>Materials Today Energy</i> , 2020, 18, 100559. | 2.5 | 3 |
| 27 | Hexagonal Boron Nitride as a Multifunctional Support for Engineering Efficient Electrocatalysts toward the Oxygen Reduction Reaction. <i>Nano Letters</i> , 2020, 20, 6807-6814. | 4.5 | 82 |
| 28 | Low-Coordinate Iridium Oxide Confined on Graphitic Carbon Nitride for Highly Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2019, 131, 12670-12674. | 1.6 | 15 |
| 29 | Low-Coordinate Iridium Oxide Confined on Graphitic Carbon Nitride for Highly Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12540-12544. | 7.2 | 208 |
| 30 | Enabling Full Conversion Reaction with High Reversibility to Approach Theoretical Capacity for Sodium Storage. <i>Advanced Functional Materials</i> , 2019, 29, 1906680. | 7.8 | 29 |
| 31 | An All-Prussian-Blue-Based Aqueous Sodium-Ion Battery. <i>ChemElectroChem</i> , 2019, 6, 4848-4853. | 1.7 | 44 |
| 32 | A Universal Strategy to Fabricate Metal Sulfides@Carbon Fibers As Freestanding and Flexible Anodes for High-Performance Lithium/Sodium Storage. <i>ACS Applied Energy Materials</i> , 2019, 2, 4421-4427. | 2.5 | 17 |
| 33 | Si/Ti ₃ SiC ₂ composite anode with enhanced elastic modulus and high electronic conductivity for lithium-ion batteries. <i>Journal of Power Sources</i> , 2019, 431, 55-62. | 4.0 | 32 |
| 34 | Na ₂ Fe(SO ₄) ₂ : an anhydrous 3.6 V, low-cost and good-safety cathode for a rechargeable sodium-ion battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13197-13204. | 5.2 | 32 |
| 35 | Intercalation Pseudocapacitance Boosting Ultrafast Sodium Storage in Prussian Blue Analogs. <i>ChemSusChem</i> , 2019, 12, 2415-2420. | 3.6 | 28 |
| 36 | Hetero-interface constructs ion reservoir to enhance conversion reaction kinetics for sodium/lithium storage. <i>Energy Storage Materials</i> , 2019, 18, 107-113. | 9.5 | 105 |

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|----|--|------|-----------|
| 37 | Prussian Blue Analogs for Rechargeable Batteries. <i>IScience</i> , 2018, 3, 110-133. | 1.9 | 327 |
| 38 | Gradient substitution: an intrinsic strategy towards high performance sodium storage in Prussian blue-based cathodes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8947-8954. | 5.2 | 55 |
| 39 | A novel strategy to significantly enhance the initial voltage and suppress voltage fading of a Li- and Mn-rich layered oxide cathode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3610-3624. | 5.2 | 78 |
| 40 | Synthesis of hierarchical porous carbon from metal carbonates towards high-performance lithium storage. <i>Green Chemistry</i> , 2018, 20, 1484-1490. | 4.6 | 32 |
| 41 | SiO ₂ nanoparticles enhanced silicone resin as the matrix for Fe soft magnetic composites with improved magnetic, mechanical and thermal properties. <i>Journal of Alloys and Compounds</i> , 2018, 741, 35-43. | 2.8 | 51 |
| 42 | Hierarchical Structures: Spatially Configuring Wrinkle Pattern and Multiscale Surface Evolution with Structural Confinement (<i>Adv. Funct. Mater.</i> 1/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870005. | 7.8 | 0 |
| 43 | Engineering capacitive contribution in nitrogen-doped carbon nanofiber films enabling high performance sodium storage. <i>Carbon</i> , 2018, 130, 145-152. | 5.4 | 58 |
| 44 | Bubble-supported engineering of hierarchical CuCo ₂ S ₄ hollow spheres for enhanced electrochemical performance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5265-5270. | 5.2 | 103 |
| 45 | Spatially Configuring Wrinkle Pattern and Multiscale Surface Evolution with Structural Confinement. <i>Advanced Functional Materials</i> , 2018, 28, 1704228. | 7.8 | 28 |
| 46 | Readily Exfoliated TiSe ₂ Nanosheets for High-Performance Sodium Storage. <i>Chemistry - A European Journal</i> , 2018, 24, 1193-1197. | 1.7 | 40 |
| 47 | Li- and Mn-rich layered oxide cathode materials for lithium-ion batteries: a review from fundamentals to research progress and applications. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 748-803. | 1.7 | 127 |
| 48 | Investigations on molybdenum dinitride as a promising anode material for Na-ion batteries from first-principle calculations. <i>Journal of Alloys and Compounds</i> , 2017, 701, 875-881. | 2.8 | 17 |
| 49 | Ultrafast, Highly Reversible, and Cycle-Stable Lithium Storage Boosted by Pseudocapacitance in Sn-Based Alloying Anodes. <i>Advanced Materials</i> , 2017, 29, 1606499. | 11.1 | 102 |
| 50 | Pseudocapacitance-Enhanced Li-Ion Microbatteries Derived by a TiN@TiO ₂ Nanowire Anode. <i>Chem</i> , 2017, 2, 404-416. | 5.8 | 90 |
| 51 | SnS ₂ Nanowall Arrays toward High-Performance Sodium Storage. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6979-6987. | 4.0 | 83 |
| 52 | A High Capacity, Good Safety and Low Cost Na ₂ FeSiO ₄ -Based Cathode for Rechargeable Sodium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22369-22377. | 4.0 | 52 |
| 53 | Pseudocapacitance-Enhanced High-Rate Lithium Storage in "Honeycomb"-Like Mn ₂ O ₃ Anodes. <i>ChemElectroChem</i> , 2017, 4, 565-569. | 1.7 | 19 |
| 54 | Engineering Hierarchical Hollow Nickel Sulfide Spheres for High-Performance Sodium Storage. <i>Advanced Functional Materials</i> , 2016, 26, 7479-7485. | 7.8 | 174 |

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|----|--|------|-----------|
| 55 | Two-dimensional Cobalt/Nickel-Based Oxide Nanosheets for High-Performance Sodium and Lithium Storage. <i>Chemistry - A European Journal</i> , 2016, 22, 18060-18065. | 1.7 | 28 |
| 56 | Multiple unpinned Dirac points in group-Va single-layers with phosphorene structure. <i>Npj Computational Materials</i> , 2016, 2, . | 3.5 | 57 |
| 57 | Ever-increasing Pseudocapacitance in RGO/MnO ₂ /RGO Sandwich Nanostructures for Ultrahigh-Rate Lithium Storage. <i>Advanced Functional Materials</i> , 2016, 26, 2198-2206. | 7.8 | 238 |
| 58 | Prussian Blue@C Composite as an Ultrahigh-Rate and Long-Life Sodium-Ion Battery Cathode. <i>Advanced Functional Materials</i> , 2016, 26, 5315-5321. | 7.8 | 328 |
| 59 | Titanium dioxide nanotrees for high-capacity lithium-ion microbatteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10593-10600. | 5.2 | 46 |
| 60 | Bismuth sulfide: A high-capacity anode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2016, 309, 135-140. | 4.0 | 122 |
| 61 | Enhanced electrocatalytic performance of Co ₃ O ₄ /Ketjen-black cathodes for Li-O ₂ batteries. <i>Journal of Alloys and Compounds</i> , 2015, 653, 604-610. | 2.8 | 13 |
| 62 | Evolution of phosphate coatings during high-temperature annealing and its influence on the Fe and FeSiAl soft magnetic composites. <i>Journal of Alloys and Compounds</i> , 2015, 644, 124-130. | 2.8 | 102 |
| 63 | Rational design of metal oxide nanocomposite anodes for advanced lithium ion batteries. <i>Journal of Power Sources</i> , 2015, 282, 1-8. | 4.0 | 38 |
| 64 | In situ growth of FeS microsheet networks with enhanced electrochemical performance for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8742-8749. | 5.2 | 86 |
| 65 | Anatase TiO ₂ ultrathin nanobelts derived from room-temperature-synthesized titanates for fast and safe lithium storage. <i>Scientific Reports</i> , 2015, 5, 11804. | 1.6 | 75 |
| 66 | Spatially-confined lithiation-delithiation in highly dense nanocomposite anodes towards advanced lithium-ion batteries. <i>Energy and Environmental Science</i> , 2015, 8, 1471-1479. | 15.6 | 69 |
| 67 | Enhanced Reaction Kinetics and Structure Integrity of Ni/SnO ₂ Nanocluster toward High-Performance Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26367-26373. | 4.0 | 35 |
| 68 | A promising cathode material of sodium iron-nickel hexacyanoferrate for sodium ion batteries. <i>Journal of Power Sources</i> , 2015, 275, 45-49. | 4.0 | 137 |
| 69 | Scalable synthesis of Fe ₃ O ₄ /C composites with enhanced electrochemical performance as anode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2014, 582, 563-568. | 2.8 | 31 |
| 70 | High rate Li ₄ Ti ₅ O ₁₂ -Fe ₂ O ₃ and Li ₄ Ti ₅ O ₁₂ -CuO composite anodes for advanced lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2014, 603, 202-206. | 2.8 | 30 |
| 71 | Amorphous Fe ₂ O ₃ as a high-capacity, high-rate and long-life anode material for lithium ion batteries. <i>Nano Energy</i> , 2014, 4, 23-30. | 8.2 | 307 |
| 72 | Reversible Conversion-Alloying of Sb ₂ O ₃ as a High-Capacity, High-Rate, and Durable Anode for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19449-19455. | 4.0 | 143 |

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|----|---|-----|-----------|
| 73 | Fe ₂ O ₃ Ag Porous Film Anodes for Ultrahigh-Rate Lithium-Ion Batteries. ChemElectroChem, 2014, 1, 1155-1160. | 1.7 | 18 |
| 74 | Room temperature ferromagnetism of amorphous MgO films prepared by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2014, 115, 997-1001. | 1.1 | 18 |
| 75 | Effect of processing parameters on the magnetic properties and microstructures of molybdenum permalloy compacts made by powder metallurgy. Journal of Alloys and Compounds, 2014, 594, 153-157. | 2.8 | 34 |
| 76 | Transition metal oxides for high performance sodium ion battery anodes. Nano Energy, 2014, 5, 60-66. | 8.2 | 361 |
| 77 | Enhanced lithium storage performance in three-dimensional porous SnO ₂ -Fe ₂ O ₃ composite anode films. Electrochimica Acta, 2014, 136, 27-32. | 2.6 | 21 |
| 78 | Origin of room temperature ferromagnetism in MgO films. Applied Physics Letters, 2013, 102, . | 1.5 | 53 |
| 79 | Phase-tailored synthesis of tin oxide-graphene nanocomposites for anodes and their enhanced lithium-ion battery performance. Materials Letters, 2013, 91, 16-19. | 1.3 | 8 |
| 80 | Structure and magnetic properties of Fe ₂ -Fe ₄ N films grown on MgO-buffered Si (001). Physica B: Condensed Matter, 2012, 407, 4783-4786. | 1.3 | 6 |
| 81 | Anomalous Magnetization Behavior of Fe-N Films Deposited by Reactive Pulsed Laser Deposition. IEEE Transactions on Magnetics, 2012, 48, 2899-2902. | 1.2 | 1 |
| 82 | Defect-induced room temperature ferromagnetism in Fe and Na co-doped ZnO nanoparticles. Journal of Alloys and Compounds, 2012, 521, 90-94. | 2.8 | 31 |
| 83 | Electrostatic Spray Deposition of Porous SnO ₂ /Graphene Anode Films and Their Enhanced Lithium-Storage Properties. ACS Applied Materials & Interfaces, 2012, 4, 6216-6220. | 4.0 | 100 |
| 84 | Abnormal behaviors in electrical transport properties of cobalt-doped tin oxide thin films. Journal of Materials Chemistry, 2012, 22, 16060. | 6.7 | 22 |
| 85 | Effect of defects on room-temperature ferromagnetism in Co and Na co-doped ZnO. Applied Physics A: Materials Science and Processing, 2012, 107, 919-923. | 1.1 | 11 |
| 86 | Fe ₆₅ B ₂₂ Nd ₉ Mo ₄ bulk nanocomposite permanent magnets produced by crystallizing amorphous precursors. Journal of Magnetism and Magnetic Materials, 2012, 324, 1613-1616. | 1.0 | 10 |
| 87 | Unusual enhancement in electrical conductivity of tin oxide thin films with zinc doping. Physical Chemistry Chemical Physics, 2011, 13, 5760. | 1.3 | 18 |
| 88 | Evidence of the defect-induced ferromagnetism in Na and Co codoped ZnO. Applied Physics Letters, 2011, 98, 012502. | 1.5 | 43 |
| 89 | Application of nBu ₂ Sn(acac) ₂ for the deposition of nanocrystallite SnO ₂ films: Nucleation, growth and physical properties. Journal of Alloys and Compounds, 2011, 509, 7798-7802. | 2.8 | 6 |
| 90 | Optimization of BaZr _{0.1} Ce _{0.7} Y _{0.2} O _{3-δ} -based proton-conducting solid oxide fuel cells with a cobalt-free proton-blocking La _{0.7} Sr _{0.3} FeO _{3-δ} -Ce _{0.8} Sm _{0.2} O _{2-δ} composite cathode. International Journal of Hydrogen Energy, 2011, 36, 9956-9966. | 3.8 | 38 |

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|-----|--|-----|-----------|
| 91 | A stable NH ₄ PO ₃ -glass proton conductor for intermediate temperature fuel cells. <i>Solid State Ionics</i> , 2011, 192, 108-112. | 1.3 | 9 |
| 92 | A novel electronic current-blocked stable mixed ionic conductor for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 62-68. | 4.0 | 73 |
| 93 | Low-temperature solid oxide fuel cells with novel La _{0.6} Sr _{0.4} Co _{0.8} Cu _{0.2} O _{3-δ} perovskite cathode and functional graded anode. <i>Journal of Power Sources</i> , 2010, 195, 1624-1629. | 4.0 | 29 |
| 94 | The growth of nanoscale ZnO films by pulsed-spray evaporation chemical vapor deposition and their structural, electric and optical properties. <i>Thin Solid Films</i> , 2010, 519, 284-288. | 0.8 | 3 |
| 95 | Effect of Nucleation and Growth Kinetics on the Electrical and Optical Properties of Undoped ZnO Films. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5121-5125. | 1.5 | 10 |
| 96 | Investigation of Growth, Structural and Optical Properties of CeO ₂ Nanocrystalline Thin Films Prepared by Pulsed Spray-Evaporation Chemical Vapor Deposition (PSE-CVD). <i>Nanoscience and Nanotechnology Letters</i> , 2009, 1, 134-139. | 0.4 | 3 |
| 97 | A high performance intermediate temperature fuel cell based on a thick oxide-carbonate electrolyte. <i>Journal of Power Sources</i> , 2009, 194, 967-971. | 4.0 | 47 |
| 98 | Synthesis, characterization, and kinetic study of Mn(DPM) ₃ used as precursor for MOCVD. <i>Ionics</i> , 2009, 15, 627-633. | 1.2 | 0 |
| 99 | A stable and easily sintering BaCeO ₃ -based proton-conductive electrolyte. <i>Journal of Alloys and Compounds</i> , 2009, 473, 323-329. | 2.8 | 53 |
| 100 | Stability and conductivity study of NH ₄ PO ₃ -PTFE composites at intermediate temperatures. <i>Journal of Alloys and Compounds</i> , 2009, 480, 874-877. | 2.8 | 9 |
| 101 | Changes in the structural and optical properties of CeO ₂ nanocrystalline films: Effect of film thickness. <i>Journal of Alloys and Compounds</i> , 2009, 485, L52-L55. | 2.8 | 32 |
| 102 | Low-temperature protonic ceramic membrane fuel cells (PCMFCs) with SrCo _{0.9} Sb _{0.1} O _{3-δ} cubic perovskite cathode. <i>Journal of Power Sources</i> , 2008, 185, 937-940. | 4.0 | 23 |
| 103 | A simple and easy one-step fabrication of thin BaZr _{0.1} Ce _{0.7} Y _{0.2} O _{3-δ} electrolyte membrane for solid oxide fuel cells. <i>Journal of Membrane Science</i> , 2008, 325, 6-10. | 4.1 | 29 |
| 104 | Stable, easily sintered BaCe _{0.5} Zr _{0.3} Y _{0.16} Zn _{0.04} O _{3-δ} electrolyte-based protonic ceramic membrane fuel cells with Ba _{0.5} Sr _{0.5} Zn _{0.2} Fe _{0.8} O _{3-δ} perovskite cathode. <i>Journal of Power Sources</i> , 2008, 183, 479-484. | 4.0 | 46 |
| 105 | Electrostatic Spray Assembly of Nanostructured La _{0.7} Ca _{0.3} CrO _{3-δ} Films. <i>Journal of the Electrochemical Society</i> , 2007, 154, E107. | 1.3 | 10 |
| 106 | Synthesis and Characterization of Pr(DPM) ₃ Served as Precursor for MOCVD. <i>Chemical Research in Chinese Universities</i> , 2007, 23, 258-262. | 1.3 | 0 |
| 107 | Fabrication and characterization of Y ₂ O ₃ stabilized ZrO ₂ films deposited with aerosol-assisted MOCVD. <i>Solid State Ionics</i> , 2007, 177, 3405-3410. | 1.3 | 30 |
| 108 | An ammonia fuelled SOFC with a BaCe _{0.9} Nd _{0.1} O _{3-δ} thin electrolyte prepared with a suspension spray. <i>Journal of Power Sources</i> , 2007, 170, 38-41. | 4.0 | 112 |

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|-----|---|-----|-----------|
| 109 | Synthesis of LaCrO ₃ films using spray pyrolysis technique. <i>Materials Letters</i> , 2007, 61, 1908-1911. | 1.3 | 16 |
| 110 | Decomposition Behavior of M(DPM) _n (DPM = 2,2,6,6-Tetramethyl-3,5-heptanedionato; n = 2, 3, 4). <i>Journal of Physical Chemistry A</i> , 2006, 110, 13479-13486. | 1.1 | 26 |
| 111 | Deposition of Sm ₂ O ₃ doped CeO ₂ thin films from Ce(DPM) ₄ and Sm(DPM) ₃ (DPM=2,2,6,6-tetramethyl-3,5-heptanedionato) by aerosol-assisted metal-organic chemical vapor deposition. <i>Thin Solid Films</i> , 2006, 510, 88-94. | 0.8 | 13 |
| 112 | Formation and Rate Processes of Y ₂ O ₃ Stabilized ZrO ₂ Thin Films from Zr(DPM) ₄ and Y(DPM) ₃ by Cold-Wall Aerosol-Assisted MOCVD. <i>Journal of the Electrochemical Society</i> , 2005, 152, C498. | 1.3 | 12 |
| 113 | Synthesis and characterization of Sm(DPM) ₃ used as precursor for MOCVD. <i>Journal of Crystal Growth</i> , 2004, 267, 256-262. | 0.7 | 13 |
| 114 | Synthesis and characterization of volatile metal ^{II} -diketonate chelates of M(DPM) _n (M=Ce, Gd, Y, Zr.) <i>J. Electrochem. Soc.</i> 2004, 151, 27 | 0.7 | 27 |
| 115 | Deposition of Y ₂ O ₃ stabilized ZrO ₂ thin films from Zr(DPM) ₄ and Y(DPM) ₃ by aerosol-assisted MOCVD. <i>Materials Letters</i> , 2003, 57, 3833-3838. | 1.3 | 14 |