

Guo-Ran Li

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | High-Entropy Alloys to Activate the Sulfur Cathode for Lithium-Sulfur Batteries. Energy and Environmental Materials, 2023, 6, . | 7.3 | 31 |
| 2 | Inverse-opal structured TiO ₂ regulating electrodeposition behavior to enable stable lithium metal electrodes. Green Energy and Environment, 2023, 8, 1664-1672. | 4.7 | 3 |
| 3 | Insights into Li-Rich Mn-Based Cathode Materials with High Capacity: from Dimension to Lattice to Atom. Advanced Energy Materials, 2022, 12, 2003885. | 10.2 | 70 |
| 4 | High-Entropy Spinel Oxide Nanofibers as Catalytic Sulfur Hosts Promise the High Gravimetric and Volumetric Capacities for Lithium-Sulfur Batteries. Energy and Environmental Materials, 2022, 5, 645-654. | 7.3 | 69 |
| 5 | Building the Stable Oxygen Framework in High-Ni Layered Oxide Cathode for High-Energy-Density Li-Ion Batteries. Energy and Environmental Materials, 2022, 5, 1260-1269. | 7.3 | 15 |
| 6 | Quantitatively regulating defects of 2D tungsten selenide to enhance catalytic ability for polysulfide conversion in a lithium sulfur battery. Energy Storage Materials, 2022, 45, 1229-1237. | 9.5 | 81 |
| 7 | Heterostructured Gel Polymer Electrolyte Enabling Long-Cycle Quasi-Solid-State Lithium Metal Batteries. ACS Energy Letters, 2022, 7, 42-52. | 8.8 | 53 |
| 8 | Colloidal Quantum Dot Solar Cells: Progressive Deposition Techniques and Future Prospects on Large-Area Fabrication. Advanced Materials, 2022, 34, e2107888. | 11.1 | 39 |
| 9 | Coupling aqueous zinc batteries and perovskite solar cells for simultaneous energy harvest, conversion and storage. Nature Communications, 2022, 13, 64. | 5.8 | 43 |
| 10 | Specific Adsorption Reinforced Interface Enabling Stable Lithium Metal Electrode. Advanced Functional Materials, 2022, 32, . | 7.8 | 13 |
| 11 | La ₂ MoO ₆ as an Effective Catalyst for the Cathode Reactions of Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2022, 14, 5247-5256. | 4.0 | 5 |
| 12 | Organo-Soluble Decanoic Acid-Modified Ni-Rich Cathode Material LiNi _{0.90} Co _{0.07} Mn _{0.03} O ₂ for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 16348-16356. | 4.0 | 10 |
| 13 | A Sustainable Multipurpose Separator Directed Against the Shuttle Effect of Polysulfides for High-Performance Lithium-Sulfur Batteries. Advanced Energy Materials, 2022, 12, . | 10.2 | 53 |
| 14 | Nickel-Platinum Alloy Nanocrystallites with High-Index Facets as Highly Effective Core Catalyst for Lithium-Sulfur Batteries. Advanced Functional Materials, 2022, 32, . | 7.8 | 27 |
| 15 | High-Efficiency Hybrid Sulfur Cathode Based on Electroactive Niobium Tungsten Oxide and Conductive Carbon Nanotubes for All-Solid-State Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2022, 14, 1212-1221. | 4.0 | 15 |
| 16 | Reversible Degradation in Hole Transport Layer-Free Carbon-Based Perovskite Solar Cells. Solar Rrl, 2022, 6, . | 3.1 | 4 |
| 17 | Eu ₂ O ₃ -doped Li ₄ SiO ₄ coating layer with a high ionic conductivity improving performance of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode materials. Electrochimica Acta, 2022, 420, 140436. | 2.6 | 4 |
| 18 | La ₂ NiO ₄ nanoparticles as a core host of sulfur to enhance cathode volumetric capacity for lithium-sulfur battery. Electrochimica Acta, 2022, 424, 140670. | 2.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Perovskite transition metal oxide of nanofibers as catalytic hosts for lithium-sulfur battery. Journal of Alloys and Compounds, 2022, 918, 165660. | 2.8 | 12 |
| 20 | A dimensionally stable lithium alloy based composite electrode for lithium metal batteries. Chemical Engineering Journal, 2022, 450, 138074. | 6.6 | 6 |
| 21 | A p-n Homojunction-Enhanced Hole Transfer in Inverted Planar Perovskite Solar Cells. ChemSusChem, 2021, 14, 1396-1403. | 3.6 | 20 |
| 22 | From Dendrites to Hemispheres: Changing Lithium Deposition by Highly Ordered Charge Transfer Channels. ACS Applied Materials & Interfaces, 2021, 13, 6249-6256. | 4.0 | 10 |
| 23 | Constructing high gravimetric and volumetric capacity sulfur cathode with LiCoO ₂ nanofibers as carbon-free sulfur host for lithium-sulfur battery. Science China Materials, 2021, 64, 1343-1354. | 3.5 | 23 |
| 24 | Yttrium Surface Gradient Doping for Enhancing Structure and Thermal Stability of High-Ni Layered Oxide as Cathode for Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 7343-7354. | 4.0 | 51 |
| 25 | Hollow Molybdate Microspheres as Catalytic Hosts for Enhancing the Electrochemical Performance of Sulfur Cathode under High Sulfur Loading and Lean Electrolyte. Advanced Functional Materials, 2021, 31, 2010693. | 7.8 | 57 |
| 26 | Crystalline Multi-Metallic Compounds as Host Materials in Cathode for Lithium-Sulfur Batteries. Small, 2021, 17, e2005332. | 5.2 | 33 |
| 27 | To Promote the Catalytic Conversion of Polysulfides Using Ni-B Alloy Nanoparticles on Carbon Nanotube Microspheres under High Sulfur Loading and a Lean Electrolyte. ACS Applied Materials & Interfaces, 2021, 13, 20222-20232. | 4.0 | 18 |
| 28 | Two-Terminal Perovskite-Based Tandem Solar Cells for Energy Conversion and Storage. Small, 2021, 17, e2006145. | 5.2 | 16 |
| 29 | Uniform lithium plating within 3D Cu foam enabled by Ag nanoparticles. Electrochimica Acta, 2021, 379, 138152. | 2.6 | 18 |
| 30 | The Isostructural Substitution-Induced Growth Mechanism of Rutile TiO ₂ Electron Transport Layer and the Dominant Distribution for Efficient Carbon-Based Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100307. | 3.1 | 3 |
| 31 | Congener Substitution Reinforced Li _{0.7} P _{2.9} Sb _{0.1} S _{10.75} O _{0.25} Glass-Ceramic Electrolytes for All-Solid-State Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2021, 13, 34477-34485. | 4.0 | 22 |
| 32 | Enabling LiNi _{0.88} Co _{0.09} Al _{0.03} O ₂ Cathode Materials with Stable Interface by Modifying Electrolyte with Trimethyl Borate. ACS Sustainable Chemistry and Engineering, 2021, 9, 1958-1968. | 3.2 | 16 |
| 33 | Sulfur vacancies in Co ₉ S ₈ /N-doped graphene enhancing the electrochemical kinetics for high-performance lithium-sulfur batteries. Journal of Materials Chemistry A, 2021, 9, 10704-10713. | 5.2 | 53 |
| 34 | Strategy of Enhancing the Volumetric Energy Density for Lithium-Sulfur Batteries. Advanced Materials, 2021, 33, e2003955. | 11.1 | 185 |
| 35 | Elucidating the Effect of the Dopant Ionic Radius on the Structure and Electrochemical Performance of Ni-Rich Layered Oxides for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 56233-56241. | 4.0 | 21 |
| 36 | Low-Cost Counter-Electrode Materials for Dye-Sensitized and Perovskite Solar Cells. Advanced Materials, 2020, 32, e1806478. | 11.1 | 99 |

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|----|---|-----|-----------|
| 37 | Size-Dependent Lattice Structure and Confinement Properties in CsPbI ₃ Perovskite Nanocrystals: Negative Surface Energy for Stabilization. ACS Energy Letters, 2020, 5, 238-247. | 8.8 | 201 |
| 38 | Covalently Bonded Sulfur Anchored with Thiol-Modified Carbon Nanotube as a Cathode Material for Lithium-Sulfur Batteries. ACS Applied Energy Materials, 2020, 3, 487-494. | 2.5 | 19 |
| 39 | Understanding the Structure-Performance Relationship of Lithium-Rich Cathode Materials from an Oxygen-Vacancy Perspective. ACS Applied Materials & Interfaces, 2020, 12, 47655-47666. | 4.0 | 44 |
| 40 | To effectively drive the conversion of sulfur with electroactive niobium tungsten oxide microspheres for lithium-sulfur battery. Nano Energy, 2020, 77, 105173. | 8.2 | 75 |
| 41 | High Volumetric Energy Density Sulfur Cathode with Heavy and Catalytic Metal Oxide Host for Lithium-Sulfur Battery. Advanced Science, 2020, 7, 1903693. | 5.6 | 96 |
| 42 | Enhanced Electrochemical and Thermal Stabilities of Li[Ni _{0.88} Co _{0.09} Al _{0.03}]O ₂ Cathode Material by La ₄ NiLiO ₈ Coating for Li-Ion Batteries. ChemElectroChem, 2020, 7, 2042-2047. | 1.7 | 12 |
| 43 | Quasi-solid-state solar rechargeable capacitors based on in-situ Janus modified electrode for solar energy multiplication effect. Science China Materials, 2020, 63, 1693-1702. | 3.5 | 12 |
| 44 | Spherical Metal Oxides with High Tap Density as Sulfur Host to Enhance Cathode Volumetric Capacity for Lithium-Sulfur Battery. ACS Applied Materials & Interfaces, 2020, 12, 5909-5919. | 4.0 | 76 |
| 45 | Conductive RuO ₂ stacking microspheres as an effective sulfur immobilizer for lithium-sulfur battery. Electrochimica Acta, 2020, 337, 135772. | 2.6 | 36 |
| 46 | Sulfur/nickel ferrite composite as cathode with high-volumetric-capacity for lithium-sulfur battery. Science China Materials, 2019, 62, 74-86. | 3.5 | 86 |
| 47 | Electrocatalytically active MoSe ₂ counter electrode prepared in situ by magnetron sputtering for a dye-sensitized solar cell. Chinese Journal of Catalysis, 2019, 40, 1360-1365. | 6.9 | 6 |
| 48 | High efficiency perovskite quantum dot solar cells with charge separating heterostructure. Nature Communications, 2019, 10, 2842. | 5.8 | 308 |
| 49 | Evolution mechanism of phase transformation of Li-rich cathode materials in cycling. Electrochimica Acta, 2019, 328, 135109. | 2.6 | 43 |
| 50 | A Quasi-Solid-State Solar Rechargeable Battery with Polyethylene Oxide Gel Electrolyte. ACS Applied Energy Materials, 2019, 2, 1000-1005. | 2.5 | 24 |
| 51 | Solar-Driven Rechargeable Lithium-Sulfur Battery. Advanced Science, 2019, 6, 1900620. | 5.6 | 59 |
| 52 | Metallophilic Gel Polymer Electrolyte for in Situ Tailoring Cathode/Electrolyte Interface of High-Nickel Oxide Cathodes in Quasi-Solid-State Li-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 14830-14839. | 4.0 | 39 |
| 53 | Conductive CoOOH as Carbon-Free Sulfur Immobilizer to Fabricate Sulfur-Based Composite for Lithium-Sulfur Battery. Advanced Functional Materials, 2019, 29, 1901051. | 7.8 | 157 |
| 54 | Lithium-Magnesium Alloy as a Stable Anode for Lithium-Sulfur Battery. Advanced Functional Materials, 2019, 29, 1808756. | 7.8 | 148 |

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|----|--|------|-----------|
| 55 | In-situ surface modification to stabilize Ni-rich layered oxide cathode with functional electrolyte. <i>Journal of Power Sources</i> , 2019, 410-411, 115-123. | 4.0 | 67 |
| 56 | NiCo ₂ O ₄ Nanofibers as Carbon-Free Sulfur Immobilizer to Fabricate Sulfur-Based Composite with High Volumetric Capacity for Lithium-Sulfur Battery. <i>Advanced Energy Materials</i> , 2019, 9, 1803477. | 10.2 | 252 |
| 57 | Free-Standing Porous Carbon Nanofiber/Carbon Nanotube Film as Sulfur Immobilizer with High Areal Capacity for Lithium-Sulfur Battery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8749-8757. | 4.0 | 129 |
| 58 | Lithiophilic gel polymer electrolyte to stabilize the lithium anode for a quasi-solid-state lithium-sulfur battery. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18627-18634. | 5.2 | 69 |
| 59 | A solar rechargeable battery based on the sodium ion storage mechanism with Fe ₂ (MoO ₄) ₃ microspheres as anode materials. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10627-10631. | 5.2 | 21 |
| 60 | Na-Doped LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ with Excellent Stability of Both Capacity and Potential as Cathode Materials for Li-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2018, 1, 3881-3889. | 2.5 | 112 |
| 61 | A High-Efficiency Sulfur/Carbon Composite Based on 3D Graphene Nanosheet@Carbon Nanotube Matrix as Cathode for Lithium-Sulfur Battery. <i>Advanced Energy Materials</i> , 2017, 7, 1602543. | 10.2 | 363 |
| 62 | A solar rechargeable battery based on hydrogen storage mechanism in dual-phase electrolyte. <i>Nano Energy</i> , 2017, 38, 257-262. | 8.2 | 26 |
| 63 | Carbon nitride transparent counter electrode prepared by magnetron sputtering for a dye-sensitized solar cell. <i>Green Energy and Environment</i> , 2017, 2, 302-309. | 4.7 | 29 |
| 64 | Non-precious transition metals as counter electrode of perovskite solar cells. <i>Energy Storage Materials</i> , 2017, 7, 40-47. | 9.5 | 56 |
| 65 | Tailoring atomic distribution in micron-sized and spherical Li-rich layered oxides as cathode materials for advanced lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7689-7699. | 5.2 | 55 |
| 66 | A solar storable fuel cell with efficient photo-degradation of organic waste for direct electricity generation. <i>Energy Storage Materials</i> , 2016, 5, 165-170. | 9.5 | 10 |
| 67 | Porous Carbon Paper as Interlayer to Stabilize the Lithium Anode for Lithium-Sulfur Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31684-31694. | 4.0 | 83 |
| 68 | Lanthanum Nitrate As Electrolyte Additive To Stabilize the Surface Morphology of Lithium Anode for Lithium-Sulfur Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7783-7789. | 4.0 | 140 |
| 69 | To enhance the capacity of Li-rich layered oxides by surface modification with metal-organic frameworks (MOFs) as cathodes for advanced lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4440-4447. | 5.2 | 72 |
| 70 | Quantum Dots and Nanoparticles in Light Emitting Diodes, Displays, and Optoelectronic Devices. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-2. | 1.5 | 4 |
| 71 | Sn-stabilized Li-rich layered Li(Li _{0.17} Ni _{0.25} Mn _{0.58})O ₂ oxide as a cathode for advanced lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17627-17634. | 5.2 | 105 |
| 72 | The Effect of Polyanion-Doping on the Structure and Electrochemical Performance of Li-Rich Layered Oxides as Cathode for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1899-A1904. | 1.3 | 71 |

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| 73 | Encapsulating sulfur into a hybrid porous carbon/CNT substrate as a cathode for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6827-6834. | 5.2 | 73 |
| 74 | Protected lithium anode with porous Al ₂ O ₃ layer for lithium-sulfur battery. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12213-12219. | 5.2 | 189 |
| 75 | Copper hexacyanoferrate nanoparticles as cathode material for aqueous Al-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 959-962. | 5.2 | 297 |
| 76 | Morphology dependence of molybdenum disulfide transparent counter electrode in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3919. | 5.2 | 151 |
| 77 | High performance LiMnPO ₄ /C prepared by a crystallite size control method. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15070-15077. | 5.2 | 49 |
| 78 | Sulfur/polyacrylonitrile/carbon multi-composites as cathode materials for lithium/sulfur battery in the concentrated electrolyte. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4652-4659. | 5.2 | 100 |
| 79 | Electroactive Organic Compounds as Anode-Active Materials for Solar Rechargeable Redox Flow Battery in Dual-Phase Electrolytes. <i>Journal of the Electrochemical Society</i> , 2014, 161, A736-A741. | 1.3 | 45 |
| 80 | Surface modification of Li(Li _{0.17} Ni _{0.2} Co _{0.05} Mn _{0.58})O ₂ with CeO ₂ as cathode material for Li-ion batteries. <i>Electrochimica Acta</i> , 2014, 135, 199-207. | 2.6 | 122 |
| 81 | Li _{4-x} NaxTi ₅ O ₁₂ with low operation potential as anode for lithium ion batteries. <i>Journal of Power Sources</i> , 2014, 248, 323-329. | 4.0 | 28 |
| 82 | Metal sulfide counter electrodes for dye-sensitized solar cells: A balanced strategy for optical transparency and electrochemical activity. <i>Journal of Power Sources</i> , 2014, 266, 464-470. | 4.0 | 28 |
| 83 | Sulfur/activated-conductive carbon black composites as cathode materials for lithium/sulfur battery. <i>Journal of Power Sources</i> , 2013, 240, 598-605. | 4.0 | 92 |
| 84 | Electrochemical sodium storage of TiO ₂ (B) nanotubes for sodium ion batteries. <i>RSC Advances</i> , 2013, 3, 12593. | 1.7 | 165 |
| 85 | Insight into effects of graphene in Li ₄ Ti ₅ O ₁₂ /carbon composite with high rate capability as anode materials for lithium ion batteries. <i>Electrochimica Acta</i> , 2013, 102, 282-289. | 2.6 | 84 |
| 86 | Surface modification of Li-rich layered Li(Li _{0.17} Ni _{0.25} Mn _{0.58})O ₂ oxide with LiMnPO ₄ as the cathode for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5262. | 5.2 | 151 |
| 87 | A Solar Rechargeable Flow Battery Based on Photoregeneration of Two Soluble Redox Couples. <i>ChemSusChem</i> , 2013, 6, 802-806. | 3.6 | 102 |
| 88 | Solar rechargeable redox flow battery based on Li ₂ WO ₄ /LiI couples in dual-phase electrolytes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7012. | 5.2 | 101 |
| 89 | Sulfur-Polypyrrole/Graphene Multi-Composites as Cathode for Lithium-Sulfur Battery. <i>Journal of the Electrochemical Society</i> , 2013, 160, A805-A810. | 1.3 | 60 |
| 90 | Current Status, Problems and Challenges in Lithium-sulfur Batteries. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2013, 28, 1181-1186. | 0.6 | 32 |

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| 91 | AlF ₃ -coated Li(Li _{0.17} Ni _{0.25} Mn _{0.58})O ₂ as cathode material for Li-ion batteries. <i>Electrochimica Acta</i> , 2012, 78, 308-315. | 2.6 | 180 |
| 92 | Driving selective aerobic oxidation of alkyl aromatics by sunlight on alcohol grafted metal hydroxides. <i>Chemical Science</i> , 2012, 3, 2138. | 3.7 | 61 |
| 93 | Aluminum storage behavior of anatase TiO ₂ nanotube arrays in aqueous solution for aluminum ion batteries. <i>Energy and Environmental Science</i> , 2012, 5, 9743. | 15.6 | 365 |
| 94 | Synergistic effect of molybdenum nitride and carbon nanotubes on electrocatalysis for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 20580. | 6.7 | 69 |
| 95 | TiN Nanotube Arrays as Electrocatalytic Electrode for Solar Storable Rechargeable Battery. <i>Journal of the Electrochemical Society</i> , 2012, 159, A1770-A1774. | 1.3 | 39 |
| 96 | Surface nitridation of Li-rich layered Li(Li _{0.17} Ni _{0.25} Mn _{0.58})O ₂ oxide as cathode material for lithium-ion battery. <i>Journal of Materials Chemistry</i> , 2012, 22, 13104. | 6.7 | 178 |
| 97 | Nickel phosphide-embedded graphene as counter electrode for dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1339-1342. | 1.3 | 171 |
| 98 | A Polyaniline-Coated Sulfur/Carbon Composite with an Enhanced High-Rate Capability as a Cathode Material for Lithium/Sulfur Batteries. <i>Advanced Energy Materials</i> , 2012, 2, 1238-1245. | 10.2 | 495 |
| 99 | A solar rechargeable battery based on polymeric charge storage electrodes. <i>Electrochemistry Communications</i> , 2012, 16, 69-72. | 2.3 | 68 |
| 100 | TiN-conductive carbon black composite as counter electrode for dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2012, 65, 216-220. | 2.6 | 87 |
| 101 | Highly Pt-like electrocatalytic activity of transition metal nitrides for dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2011, 4, 1680. | 15.6 | 390 |
| 102 | Mesoporous polyaniline/TiO ₂ microspheres with core-shell structure as anode materials for lithium ion battery. <i>Journal of Power Sources</i> , 2011, 196, 4735-4740. | 4.0 | 86 |
| 103 | Carbon Nanotubes with Titanium Nitride as a Low-Cost Counter Electrode Material for Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3653-3656. | 7.2 | 554 |
| 104 | Mesoporous polyaniline or polypyrrole/anatase TiO ₂ nanocomposite as anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , 2010, 55, 4567-4572. | 2.6 | 97 |
| 105 | Highly ordered mesoporous carbon arrays from natural wood materials as counter electrode for dye-sensitized solar cells. <i>Electrochemistry Communications</i> , 2010, 12, 924-927. | 2.3 | 63 |
| 106 | Surface-Nitrided Nickel with Bifunctional Structure As Low-Cost Counter Electrode for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13397-13401. | 1.5 | 149 |
| 107 | Enhancement of long stability of sulfur cathode by encapsulating sulfur into micropores of carbon spheres. <i>Energy and Environmental Science</i> , 2010, 3, 1531. | 15.6 | 1,187 |
| 108 | Adsorption of CO ₂ on the Rutile (110) Surface in Ionic Liquid. A Molecular Dynamics Simulation. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19389-19392. | 1.5 | 17 |

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| 109 | Structure Transformation and Photoelectrochemical Properties of TiO ₂ Nanomaterials Calcined from Titanate Nanotubes. Journal of Physical Chemistry C, 2009, 113, 3359-3363. | 1.5 | 73 |
| 110 | Preparation and electrochemical properties of Co-Si ₃ N ₄ nanocomposites. Journal of Power Sources, 2008, 184, 657-662. | 4.0 | 30 |
| 111 | Electrochemical lithium storage of titania nanotubes modified with NiO nanoparticles. Electrochimica Acta, 2008, 53, 4573-4579. | 2.6 | 33 |
| 112 | Microstructure and electrochemical properties of the Co-BN composites. Electrochimica Acta, 2008, 53, 2369-2375. | 2.6 | 35 |
| 113 | Electrochemical lithium storage of sodium titanate nanotubes and nanorods. Electrochimica Acta, 2008, 53, 7061-7068. | 2.6 | 76 |
| 114 | Electrochemical hydrogen storage of NdMg ₁₂ -Ni composites modified with carbon nanotubes and BN particles. Journal of Alloys and Compounds, 2008, 463, 378-384. | 2.8 | 3 |
| 115 | Morphology-Function Relationship of ZnO: Polar Planes, Oxygen Vacancies, and Activity. Journal of Physical Chemistry C, 2008, 112, 11859-11864. | 1.5 | 299 |
| 116 | Ferromagnetism of Co-Doped Titanate and Anatase Nanorods Before and After Lithium Intercalation. Journal of Physical Chemistry C, 2008, 112, 5384-5389. | 1.5 | 23 |
| 117 | Electrochemical hydrogen storage of ball-milled Mg-rich Mg-Nd alloy with Ni powders. Journal of Alloys and Compounds, 2007, 433, 269-273. | 2.8 | 11 |
| 118 | Ferromagnetism of Co-doped TiO ₂ (B) nanotubes. Applied Physics Letters, 2007, 91, . | 1.5 | 43 |
| 119 | Well-Ordered Structure at Ionic Liquid/Rutile (110) Interface. Journal of Physical Chemistry C, 2007, 111, 12161-12164. | 1.5 | 52 |
| 120 | Microstructure and Electrochemical Properties of Al-Substituted Nickel Hydroxides Modified with CoOOH Nanoparticles. Journal of Physical Chemistry C, 2007, 111, 17082-17087. | 1.5 | 66 |
| 121 | Electrochemical Lithium Storage of Titanate and Titania Nanotubes and Nanorods. Journal of Physical Chemistry C, 2007, 111, 6143-6148. | 1.5 | 198 |
| 122 | Si-AB ₅ composites as anode materials for lithium ion batteries. Electrochemistry Communications, 2007, 9, 713-717. | 2.3 | 36 |
| 123 | Si-Si ₃ N ₄ composites as anode materials for lithium ion batteries. Solid State Ionics, 2007, 178, 1107-1112. | 1.3 | 32 |
| 124 | Hydrothermal Synthesis of Zn ₂ SnO ₄ as Anode Materials for Li-Ion Battery. Journal of Physical Chemistry B, 2006, 110, 14754-14760. | 1.2 | 239 |
| 125 | Praseodymium Hydroxide and Oxide Nanorods and Au/Pr ₆ O ₁₁ Nanorod Catalysts for CO Oxidation. Journal of Physical Chemistry B, 2006, 110, 1614-1620. | 1.2 | 58 |
| 126 | Surface Selective Deposition of Mo(IV) on Ni/TiO ₂ Particles in Aqueous Solutions. Langmuir, 2006, 22, 5867-5871. | 1.6 | 3 |

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|-----|---|-----|-----------|
| 127 | Morphology and hydrodesulfurization activity of CoMo sulfide supported on amorphous ZrO ₂ nanoparticles combined with Al ₂ O ₃ . <i>Applied Catalysis A: General</i> , 2004, 273, 233-238. | 2.2 | 48 |
| 128 | Characterization and catalytic application of homogeneous nano-composite oxides ZrO ₂ •Al ₂ O ₃ . <i>Catalysis Today</i> , 2004, 93-95, 595-601. | 2.2 | 65 |