

Nae-Lih Wu

List of Publications by Year in descending order

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114
papers

6,226
citations

50276

46
h-index

71685

76
g-index

114
all docs

114
docs citations

114
times ranked

8210
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Investigations of Intramolecular Hydrogen Bonding Effect of a Polymer Brush Modified Silicon in Lithium-Ion Batteries. <i>Advanced Materials Interfaces</i> , 2022, 9, . | 3.7 | 4 |
| 2 | High stability and high performance nitrogen doped carbon containers for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 692-699. | 9.4 | 3 |
| 3 | Spiro-Twisted Benzoxazine Derivatives Bearing Nitrile Group for All-Solid-State Polymer Electrolytes in Lithium Batteries. <i>Polymers</i> , 2022, 14, 2869. | 4.5 | 1 |
| 4 | Si-on-Graphite fabricated by fluidized bed process for high-capacity anodes of Li-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 407, 126603. | 12.7 | 31 |
| 5 | Semi-Interpenetrating Polymer Network Electrolytes Based on a Spiro-Twisted Benzoxazine for All-Solid-State Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 2663-2671. | 5.1 | 14 |
| 6 | Origin of shuttle-free sulfurized polyacrylonitrile in lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2021, 492, 229508. | 7.8 | 33 |
| 7 | Epoxy-Based Interlocking Membranes for All Solid-State Lithium Ion Batteries: The Effects of Amine Curing Agents on Electrochemical Properties. <i>Polymers</i> , 2021, 13, 3244. | 4.5 | 5 |
| 8 | Tough Polymer Electrolyte with an Intrinsically Stabilized Interface with Li Metal for All-Solid-State Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26339-26347. | 3.1 | 10 |
| 9 | Efficient synthesis of high-sulfur-content cathodes for high-performance Li-S batteries based on solvothermal polysulfide chemistry. <i>Journal of Power Sources</i> , 2020, 450, 227676. | 7.8 | 14 |
| 10 | Remarkable microstructural reversibility of antimony in sodium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22620-22625. | 10.3 | 12 |
| 11 | Enabling Extraordinary Rate Performance for Poorly Conductive Oxide Pseudocapacitors. <i>Energy and Environmental Materials</i> , 2020, 3, 405-413. | 12.8 | 16 |
| 12 | SEI Grown on MCMB-Electrode with Fluoroethylene Carbonate and Vinylene Carbonate Additives as Probed by In Situ DRIFTS. <i>Journal of the Electrochemical Society</i> , 2019, 166, A2741-A2748. | 2.9 | 9 |
| 13 | TiO ₂ -B nanowires <i>via</i> topological conversion with enhanced lithium-ion intercalation properties. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3842-3847. | 10.3 | 37 |
| 14 | Sulfur-Doped Anatase TiO ₂ as an Anode for High-Performance Sodium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 3791-3797. | 5.1 | 46 |
| 15 | Activated carbon with hierarchical porosity derived from biomass for lithium sulfur batteries. <i>Vietnam Journal of Chemistry</i> , 2019, 57, 182-188. | 0.8 | 5 |
| 16 | A rapid and green method for the fabrication of conductive hydrogels and their applications in stretchable supercapacitors. <i>Journal of Power Sources</i> , 2019, 426, 205-215. | 7.8 | 77 |
| 17 | Engineering Rice Husk into a High-Performance Electrode Material through an Ecofriendly Process and Assessing Its Application for Lithium-Ion Sulfur Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7851-7861. | 6.7 | 34 |
| 18 | A novel non-porous separator based on single-ion conducting triblock copolymer for stable lithium electrodeposition. <i>Journal of Power Sources</i> , 2019, 419, 58-64. | 7.8 | 30 |

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|----|---|------|-----------|
| 19 | An ultrathin ionomer interphase for high efficiency lithium anode in carbonate based electrolyte. Nature Communications, 2019, 10, 5824. | 12.8 | 62 |
| 20 | Tetragonal LiMn ₂ O ₄ as dual-functional pseudocapacitor-battery electrode in aqueous Li-ion electrolytes. Journal of Power Sources, 2019, 412, 545-551. | 7.8 | 35 |
| 21 | Enabling High-Rate Mn Oxide Pseudocapacitors Using Highly Dispersed Mn ₃ O ₄ Nanocrystallites. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 22 | Synthesis of High-Performance Titanium Sub-Oxides for Electrochemical Applications Using Combination of Solâ€“Gel and Vacuum-Carbothermic Processes. ACS Sustainable Chemistry and Engineering, 2018, 6, 3162-3168. | 6.7 | 34 |
| 23 | Anodes: High Polarity Poly(vinylidene difluoride) Thin Coating for Dendriteâ€“Free and Highâ€“Performance Lithium Metal Anodes (Adv. Energy Mater. 2/2018). Advanced Energy Materials, 2018, 8, 1870008. | 19.5 | 4 |
| 24 | Optimizing the Lithium Phosphorus Oxynitride Protective Layer Thickness on Lowâ€“Grade Composite Siâ€“Based Anodes for Lithiumâ€“Ion Batteries. ChemistrySelect, 2018, 3, 729-735. | 1.5 | 7 |
| 25 | High Polarity Poly(vinylidene difluoride) Thin Coating for Dendriteâ€“Free and Highâ€“Performance Lithium Metal Anodes. Advanced Energy Materials, 2018, 8, 1701482. | 19.5 | 259 |
| 26 | Hierarchical TiO ₂ imbedded with graphene quantum dots for high-performance lithium storage. Chemical Communications, 2018, 54, 1413-1416. | 4.1 | 60 |
| 27 | High-performance carbon-coated ZnMn ₂ O ₄ nanocrystallite supercapacitors with tailored microstructures enabled by a novel solution combustion method. Journal of Power Sources, 2018, 378, 90-97. | 7.8 | 87 |
| 28 | The synthesis and characterization of high purity mixed microporous/mesoporous activated carbon from rice husk. Vietnam Journal of Chemistry, 2018, 56, 684-688. | 0.8 | 3 |
| 29 | A proof-of-concept graphite anode with a lithium dendrite suppressing polymer coating. Journal of Power Sources, 2018, 406, 63-69. | 7.8 | 50 |
| 30 | Brookite TiO ₂ mesocrystals with enhanced lithium-ion intercalation properties. Chemical Communications, 2018, 54, 11491-11494. | 4.1 | 33 |
| 31 | Micrometer-Sized Nanoporous Sb/C Anode with High Volumetric Capacity and Fast Charging Performance for Sodium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 2317-2325. | 5.1 | 23 |
| 32 | Electrochemical Properties of Al ³⁺ /Cl ⁻ Doped-0.2Li ₂ MnO ₃ ·0.8LiNiO ₂ Cathode Materials for Lithium-Ion Batteries. Journal of Nanoscience and Nanotechnology, 2018, 18, 68-74. | 0.9 | 6 |
| 33 | In-operando Tomography and Energy-resolved Elemental Mapping Projection X-ray Microscopy and Transmission X-ray Microscopy Beamline at TPS of NSRRC. Microscopy and Microanalysis, 2018, 24, 428-429. | 0.4 | 0 |
| 34 | Nb-Doped Rutile TiO ₂ Mesocrystals with Enhanced Lithium Storage Properties for Lithium Ion Battery. Chemistry - A European Journal, 2017, 23, 5059-5065. | 3.3 | 39 |
| 35 | Carbon coated anatase TiO ₂ mesocrystals enabling ultrastable and robust sodium storage. Journal of Power Sources, 2017, 359, 64-70. | 7.8 | 47 |
| 36 | A dual-functional polymer coating on a lithium anode for suppressing dendrite growth and polysulfide shuttling in Liâ€“S batteries. Chemical Communications, 2017, 53, 963-966. | 4.1 | 77 |

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|----|--|------|-----------|
| 37 | Insight into microstructural and phase transformations in electrochemical sodiationâ€“desodiation of a bismuth particulate anode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21536-21541. | 10.3 | 28 |
| 38 | In Situ DRIFTS Analysis of Solid Electrolyte Interphase of Si-Based Anode with and without Fluoroethylene Carbonate Additive. <i>Journal of the Electrochemical Society</i> , 2017, 164, A3641-A3648. | 2.9 | 32 |
| 39 | Exploring an Interesting Si Source from Photovoltaic Industry Waste and Engineering It as a Li-Ion Battery High-Capacity Anode. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5769-5775. | 6.7 | 37 |
| 40 | Multifunctional co-poly(amic acid): A new binder for Si-based micro-composite anode of lithium-ion battery. <i>Journal of Power Sources</i> , 2016, 330, 246-252. | 7.8 | 20 |
| 41 | Experimental Study on Sodiation of Amorphous Silicon for Use as Sodium-Ion Battery Anode. <i>Electrochimica Acta</i> , 2016, 211, 265-272. | 5.2 | 73 |
| 42 | Composite films of carbon black nanoparticles and sulfonated-polythiophene as flexible counter electrodes for dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2016, 302, 155-163. | 7.8 | 62 |
| 43 | Spatially Confined MnO ₂ Nanostructure Enabling Consecutive Reversible Charge Transfer from Mn(IV) to Mn(II) in a Mixed Pseudocapacitorâ€“Battery Electrode. <i>Advanced Energy Materials</i> , 2015, 5, 1500772. | 19.5 | 60 |
| 44 | Polymeric artificial solid/electrolyte interphases for Li-ion batteries. <i>Progress in Natural Science: Materials International</i> , 2015, 25, 563-571. | 4.4 | 23 |
| 45 | Investigating Mechanisms Underlying Elevated-Temperature-Induced Capacity Fading of Aqueous MnO ₂ Polymorph Supercapacitors: Cryptomelane and Birnessite. <i>Journal of the Electrochemical Society</i> , 2015, 162, A5106-A5114. | 2.9 | 21 |
| 46 | A dimensionally stable and fast-discharging graphiteâ€“silicon composite Li-ion battery anode enabled by electrostatically self-assembled multifunctional polymer-blend coating. <i>Chemical Communications</i> , 2015, 51, 8429-8431. | 4.1 | 43 |
| 47 | Silicon oxide-on-graphite planar composite synthesized using a microwave-assisted coating method for use as a fast-charging lithium-ion battery anode. <i>Journal of Power Sources</i> , 2015, 296, 314-317. | 7.8 | 17 |
| 48 | Spatial Distributions of Discharged Products of Lithiumâ€“Oxygen Batteries Revealed by Synchrotron X-ray Transmission Microscopy. <i>Nano Letters</i> , 2015, 15, 6932-6938. | 9.1 | 57 |
| 49 | An unexpected large capacity of ultrafine manganese oxide as a sodium-ion battery anode. <i>Nanoscale</i> , 2015, 7, 20075-20081. | 5.6 | 38 |
| 50 | Studies on graphene enfolded olivine composite electrode material via polyol technique for high rate performance lithium-ion batteries. <i>Electronic Materials Letters</i> , 2015, 11, 841-852. | 2.2 | 20 |
| 51 | A Mechanically Robust and Highly Ionâ€“Conductive Polymerâ€“Blend Coating for Highâ€“Power and Longâ€“Life Lithiumâ€“Ion Battery Anodes. <i>Advanced Materials</i> , 2015, 27, 130-137. | 21.0 | 159 |
| 52 | Titanium carbide nanocube core induced interfacial growth of crystalline polypyrrole/polyvinyl alcohol lamellar shell for wide-temperature range supercapacitors. <i>Journal of Power Sources</i> , 2015, 274, 1118-1125. | 7.8 | 47 |
| 53 | Effects of a graphene nanosheet conductive additive on the high-capacity lithium-excess manganeseâ€“nickel oxide cathodes of lithium-ion batteries. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 1171-1177. | 2.9 | 12 |
| 54 | Oneâ€“Step Fast Synthesis of Li ₄ Ti ₅ O ₁₂ Particles Using an Atmospheric Pressure Plasma Jet. <i>Journal of the American Ceramic Society</i> , 2014, 97, 708-712. | 3.8 | 17 |

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|----|---|------|-----------|
| 55 | Synthesis of high-performance MnO _x /carbon composite as lithium-ion battery anode by a facile co-precipitation method: Effects of oxygen stoichiometry and carbon morphology. <i>Journal of Power Sources</i> , 2014, 253, 373-380. | 7.8 | 48 |
| 56 | Understanding dynamics of polysulfide dissolution and re-deposition in working lithium-sulfur battery by in-operando transmission X-ray microscopy. <i>Journal of Power Sources</i> , 2014, 263, 98-103. | 7.8 | 72 |
| 57 | Study on the synthesis-microstructure-performance relationship of layered Li-excess nickel-manganese oxide as a Li-ion battery cathode prepared by high-temperature calcination. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10847. | 10.3 | 29 |
| 58 | Investigation on suppressed thermal runaway of Li-ion battery by hyper-branched polymer coated on cathode. <i>Electrochimica Acta</i> , 2013, 101, 11-17. | 5.2 | 47 |
| 59 | High-performance poly(3,4-ethylene-dioxythiophene):polystyrenesulfonate conducting-polymer supercapacitor containing hetero-dimensional carbon additives. <i>Journal of Power Sources</i> , 2013, 238, 69-73. | 7.8 | 50 |
| 60 | Polypyrrole/carbon supercapacitor electrode with remarkably enhanced high-temperature cycling stability by TiC nanoparticle inclusion. <i>Electrochemistry Communications</i> , 2013, 27, 172-175. | 4.7 | 29 |
| 61 | Titanium carbide@polypyrrole core-shell nanoparticles prepared by controlled heterogeneous nucleation for rechargeable batteries. <i>Chemical Communications</i> , 2013, 49, 10784. | 4.1 | 12 |
| 62 | Electrochemical Capacitances of a Nanowire-Structured MnO ₂ in Polyacrylate-Based Gel Electrolytes. <i>Journal of the Electrochemical Society</i> , 2012, 159, A899-A903. | 2.9 | 18 |
| 63 | Photocatalytic degradation of methyl orange by a multi-layer rotating disk reactor. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3743-3750. | 5.3 | 17 |
| 64 | Synthesis of Porous Si Particles by Metal-Assisted Chemical Etching for Li-ion Battery Application. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 1226-1232. | 1.4 | 10 |
| 65 | Development and characterizations of PVdF-PEMA gel polymer electrolytes. <i>Ionics</i> , 2012, 18, 283-289. | 2.4 | 15 |
| 66 | Structural and electrochemical properties of manganese substituted nickel cobaltite for supercapacitor application. <i>Electrochimica Acta</i> , 2012, 67, 67-72. | 5.2 | 52 |
| 67 | Effects of current collectors on power performance of Li ₄ Ti ₅ O ₁₂ anode for Li-ion battery. <i>Journal of Power Sources</i> , 2012, 197, 301-304. | 7.8 | 46 |
| 68 | In situ crystallographic investigations of charge storage mechanisms in MnO ₂ -based electrochemical capacitors. <i>Journal of Power Sources</i> , 2012, 206, 454-462. | 7.8 | 124 |
| 69 | Study on Microstructural Deformation of Working Sn and SnSb Anode Particles for Li-Ion Batteries by in Situ Transmission X-ray Microscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 22040-22047. | 3.1 | 95 |
| 70 | Comparative study on nanostructured MnO ₂ /carbon composites synthesized by spontaneous reduction for supercapacitor application. <i>Materials Chemistry and Physics</i> , 2011, 130, 367-372. | 4.0 | 27 |
| 71 | 1.2Volt manganese oxide symmetric supercapacitor. <i>Electrochemistry Communications</i> , 2011, 13, 1264-1267. | 4.7 | 22 |
| 72 | Characterization of MnFe ₂ O ₄ /LiMn ₂ O ₄ aqueous asymmetric supercapacitor. <i>Journal of Power Sources</i> , 2011, 196, 851-854. | 7.8 | 149 |

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|----|--|-----|-----------|
| 73 | Long-Term Charge/Discharge Cycling Stability of MnO ₂ Aqueous Supercapacitor under Positive Polarization. <i>Journal of the Electrochemical Society</i> , 2011, 158, A422. | 2.9 | 33 |
| 74 | In Situ Transmission X-ray Microscopy Study on Working SnO Anode Particle of Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2011, 158, A1335. | 2.9 | 42 |
| 75 | Long-term electrochemical behaviors of manganese oxide aqueous electrochemical capacitor under reducing potentials. <i>Electrochimica Acta</i> , 2010, 55, 7429-7435. | 5.2 | 55 |
| 76 | A study on the interior microstructures of working Sn particle electrode of Li-ion batteries by in situ X-ray transmission microscopy. <i>Electrochemistry Communications</i> , 2010, 12, 234-237. | 4.7 | 129 |
| 77 | High-temperature carbon-coated aluminum current collector for enhanced power performance of LiFePO ₄ electrode of Li-ion batteries. <i>Electrochemistry Communications</i> , 2010, 12, 488-491. | 4.7 | 96 |
| 78 | Superabsorbent polymer binder for achieving MnO ₂ supercapacitors of greatly enhanced capacitance density. <i>Electrochemistry Communications</i> , 2010, 12, 886-889. | 4.7 | 41 |
| 79 | Process Analysis on Photocatalyzed Dye Decomposition for Water Treatment with TiO ₂ -Coated Rotating Disk Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 12173-12179. | 3.7 | 22 |
| 80 | Study on Solid-Electrolyte-Interphase of Si and C-Coated Si Electrodes in Lithium Cells. <i>Journal of the Electrochemical Society</i> , 2009, 156, A95. | 2.9 | 165 |
| 81 | High-performance carbon-based supercapacitors using Al current-collector with conformal carbon coating. <i>Materials Chemistry and Physics</i> , 2009, 117, 294-300. | 4.0 | 59 |
| 82 | Nano-porous SiO ₂ /carbon composite anode for lithium-ion batteries. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1643-1649. | 2.9 | 86 |
| 83 | Electrochemical characterizations on MnO ₂ supercapacitors with potassium polyacrylate and potassium polyacrylate-co-polyacrylamide gel polymer electrolytes. <i>Electrochimica Acta</i> , 2009, 54, 6148-6153. | 5.2 | 40 |
| 84 | Manganese oxide electrochemical capacitor with potassium poly(acrylate) hydrogel electrolyte. <i>Journal of Power Sources</i> , 2008, 179, 430-434. | 7.8 | 89 |
| 85 | Effects of TiO ₂ coating on high-temperature cycle performance of LiFePO ₄ -based lithium-ion batteries. <i>Journal of Power Sources</i> , 2008, 185, 466-472. | 7.8 | 125 |
| 86 | Investigation on capacity fading of aqueous MnO ₂ ·nH ₂ O electrochemical capacitor. <i>Journal of Power Sources</i> , 2008, 177, 660-664. | 7.8 | 106 |
| 87 | Study on dynamics of structural transformation during charge/discharge of LiFePO ₄ cathode. <i>Electrochemistry Communications</i> , 2008, 10, 335-339. | 4.7 | 59 |
| 88 | Enhanced high-temperature cycle performance of LiFePO ₄ /carbon batteries by an ion-sieving metal coating on negative electrode. <i>Electrochemistry Communications</i> , 2008, 10, 1823-1826. | 4.7 | 39 |
| 89 | Synthesis and Characterization of Nanoporous NiSi-Si Composite Anode for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2007, 154, A97. | 2.9 | 87 |
| 90 | Study on Pseudocapacitance Mechanism of Aqueous MnFe ₂ O ₄ Supercapacitor. <i>Journal of the Electrochemical Society</i> , 2007, 154, A34. | 2.9 | 93 |

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|-----|--|-----|-----------|
| 91 | Investigation of Pseudocapacitive Charge-Storage Reaction of $\text{MnO}[\text{sub 2}]\hat{\text{a}}\dots\text{nH}[\text{sub 2}]\text{O}$ Supercapacitors in Aqueous Electrolytes. <i>Journal of the Electrochemical Society</i> , 2006, 153, A1317. | 2.9 | 224 |
| 92 | Enhanced High-Temperature Cycle Life of $\text{LiFePO}[\text{sub 4}]$ -Based Li-Ion Batteries by Vinylene Carbonate as Electrolyte Additive. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, A537. | 2.2 | 80 |
| 93 | Kinetic study on low-temperature synthesis of LiFePO_4 via solid-state reaction. <i>Journal of Power Sources</i> , 2006, 158, 550-556. | 7.8 | 39 |
| 94 | Electrochemical characterization on MnFe_2O_4 /carbon black composite aqueous supercapacitors. <i>Journal of Power Sources</i> , 2006, 162, 1437-1443. | 7.8 | 87 |
| 95 | Effect of electrode structure on performance of Si anode in Li-ion batteries: Si particle size and conductive additive. <i>Journal of Power Sources</i> , 2005, 140, 139-144. | 7.8 | 206 |
| 96 | Electrochemical Capacitor of $\text{MnFe}[\text{sub 2}]\text{O}[\text{sub 4}]$ with NaCl Electrolyte. <i>Electrochemical and Solid-State Letters</i> , 2005, 8, A495. | 2.2 | 95 |
| 97 | Microstructural Evolution of Nanocrystalline Magnetite Synthesized by Electrocoagulation. <i>Journal of Materials Research</i> , 2005, 20, 75-80. | 2.6 | 7 |
| 98 | Enhanced Cycle Life of Si Anode for Li-Ion Batteries by Using Modified Elastomeric Binder. <i>Electrochemical and Solid-State Letters</i> , 2005, 8, A100. | 2.2 | 292 |
| 99 | Electrochemical Characterizations on Si and C-Coated Si Particle Electrodes for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2005, 152, A1719. | 2.9 | 139 |
| 100 | Evolution in Microstructural Properties of Cetyltrimethylammonium Bromide- T emplated Mesoporous Tin Oxide upon Thermal Crystallization. <i>Journal of the American Ceramic Society</i> , 2004, 87, 1741-1746. | 3.8 | 14 |
| 101 | Effect of calcination atmosphere on TiO_2 photocatalysis in hydrogen production from methanol/water solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 277-280. | 3.9 | 98 |
| 102 | Electrochemical capacitor of magnetite in aqueous electrolytes. <i>Journal of Power Sources</i> , 2003, 113, 173-178. | 7.8 | 242 |
| 103 | Mesoporous crystalline SnO_2 of large surface area. <i>Journal of Materials Research</i> , 2003, 18, 2890-2894. | 2.6 | 9 |
| 104 | Nanocrystalline oxide supercapacitors. <i>Materials Chemistry and Physics</i> , 2002, 75, 6-11. | 4.0 | 262 |
| 105 | Thermodynamic stability of tetragonal zirconia nanocrystallites. <i>Journal of Materials Research</i> , 2001, 16, 666-669. | 2.6 | 55 |
| 106 | Enhanced Phase Stability for Tetragonal Zirconia in Precipitation Synthesis. <i>Journal of the American Ceramic Society</i> , 2000, 83, 3225-3227. | 3.8 | 45 |
| 107 | Hydrothermal Synthesis of Submicron SnO Crystallites. <i>Journal of Materials Research</i> , 2000, 15, 1445-1448. | 2.6 | 16 |
| 108 | Preparation of tin oxide gels with versatile pore structures. <i>Journal of Materials Science</i> , 1999, 34, 2807-2812. | 3.7 | 8 |

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|-----|---|-----|-----------|
| 109 | Evolution in Structural and Optical Properties of Stannic Oxide Xerogel upon Heat Treatment. Journal of the American Ceramic Society, 1999, 82, 67-73. | 3.8 | 28 |
| 110 | Spontaneous solution-sol-gel process for preparing tin oxide monolith. Journal of Materials Research, 1996, 11, 813-820. | 2.6 | 40 |
| 111 | The stability of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ in contact with silver. Journal of Materials Research, 1994, 9, 1112-1121. | 2.6 | 2 |
| 112 | Kinetic study and modeling of the solid-state reaction $\text{Y}_2\text{BaCuO}_5 + 3\text{BaCuO}_2 + 2\text{CuO} \rightarrow 2\text{YBa}_2\text{Cu}_3\text{O}_{6.5-x} + x\text{O}_2$. Journal of Materials Research, 1990, 5, 2056-2065. | 2.6 | 34 |
| 113 | Preparation of High-Purity $\text{Tl}_2\text{Ca}_n\text{Ba}_2\text{Cu}_{n+1}\text{O}_{6+2n}$ ($n=1,2$) Powders from Stoichiometric Reactant Mixtures. Materials Research Society Symposia Proceedings, 1989, 169, 405. | 0.1 | 0 |
| 114 | Room-Temperature Synthesis of LiMn_2O_4 by Electrochemical Ion Exchange in an Aqueous Medium. ACS Sustainable Chemistry and Engineering, 0, , . | 6.7 | 3 |