Jeff Sakamoto

List of Publications by Year in descending order

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41344 38395 9,711 120 49 95 citations h-index g-index papers 122 122 122 6714 docs citations times ranked citing authors all docs

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The effect of aspect ratio on the mechanical behavior of Li metal in solid-state cells. Journal of Power Sources, 2022, 520, 230831. | 7.8 | 20 |
| 2 | Correlating Stability and Performance of NaSICON Membranes for Aqueous Redox Flow Batteries. ACS Applied Materials & Samp; Interfaces, 2022, 14, 19332-19341. | 8.0 | 3 |
| 3 | Increasing the Pressureâ€Free Stripping Capacity of the Lithium Metal Anode in Solidâ€Stateâ€Batteries by Carbon Nanotubes. Advanced Energy Materials, 2022, 12, . | 19.5 | 21 |
| 4 | (Digital Presentation) Evaluating Stability and Performance of Nasicon Membranes for Crossover Mitigation in Aqueous Redox-Flow Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 1997-1997. | 0.0 | 0 |
| 5 | Combining Operando Techniques to Probe Chemo-Mechanical Evolution at Buried Solid/Solid Interfaces. ECS Meeting Abstracts, 2022, MA2022-01, 1636-1636. | 0.0 | 0 |
| 6 | (Invited) The Stability and Kinetics of the Li/Solid Electrolyte Interface. ECS Meeting Abstracts, 2022, MA2022-01, 1640-1640. | 0.0 | 0 |
| 7 | Understanding Coupled Electro-Chemo-Mechanics during I n Situ Li Metal Anode Formation in Anode-Free Solid-State Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 1630-1630. | 0.0 | 0 |
| 8 | Electrochemical Desalination Using a Hybrid Redox Flow Cell. ECS Meeting Abstracts, 2022, MA2022-01, 2285-2285. | 0.0 | 0 |
| 9 | Fast Li-lon Conduction in Spinel-Structured Solids. Molecules, 2021, 26, 2625. | 3.8 | 4 |
| 10 | Dependence of Solid-State Metal Battery Thermodynamics on Interfacial Mechanics. ECS Meeting Abstracts, 2021, MA2021-01, 319-319. | 0.0 | 0 |
| 11 | Safety Considerations of Lithium Metal Solid State Batteries. ECS Meeting Abstracts, 2021, MA2021-01, 291-291. | 0.0 | 0 |
| 12 | Local electronic structure variation resulting in Li †filament' formation within solid electrolytes. Nature Materials, 2021, 20, 1485-1490. | 27.5 | 226 |
| 13 | Operando analysis of the molten Li LLZO interface: Understanding how the physical properties of Li affect the critical current density. Matter, 2021, 4, 1947-1961. | 10.0 | 62 |
| 14 | Transitioning solid-state batteries from lab to market: Linking electro-chemo-mechanics with practical considerations. Joule, 2021, 5, 1371-1390. | 24.0 | 92 |
| 15 | The Effect of Mechanical State on the Equilibrium Potential of Alkali Metal/Ceramic Singleâ€lon Conductor Systems. Advanced Energy Materials, 2021, 11, 2101355. | 19.5 | 14 |
| 16 | Characterization of hot-pressed von Alpen type NASICON ceramic electrolytes. Solid State Ionics, 2021, 369, 115712. | 2.7 | 14 |
| 17 | Characterizing the mechanical behavior of lithium in compression. Journal of Materials Research, 2021, 36, 729-739. | 2.6 | 15 |
| 18 | Enabling 6C Fast Charging of Liâ€lon Batteries with Graphite/Hard Carbon Hybrid Anodes. Advanced Energy Materials, 2021, 11, 2003336. | 19.5 | 116 |

| # | Article | IF | Citations |
|----|---|------|-----------|
| 19 | Evolving contact mechanics and microstructure formation dynamics of the lithium metal-Li7La3Zr2O12 interface. Nature Communications, 2021, 12, 6369. | 12.8 | 26 |
| 20 | Investigation of the Effect of Electrode Design and Material Parameters on the Homogeneity of Reaction Current Density Distribution in Hybrid Anodes Using Continuum Scale Modeling. ECS Meeting Abstracts, 2021, MA2021-02, 414-414. | 0.0 | 0 |
| 21 | (Invited) Optimization of Highly Ordered Laser-Patterned Electrode (HOLE) Design for Achieving Enhanced Fast Charging Performance in Graphite Anodes with > 3mAh/cm2 loading. ECS Meeting Abstracts, 2021, MA2021-02, 469-469. | 0.0 | 0 |
| 22 | The effect of lanthanoid defects on anionic solvation of Li in Li6.5La2+xZr1.5Ta0.5O12 from $x\hat{A}=\hat{A}0$ to $x\hat{A}=\hat{A}1.2$ garnet. Solid State Ionics, 2020, 345, 115170. | 2.7 | 9 |
| 23 | Hexagonal-WO3 nanorods encapsulated in nitrogen and sulfur co-doped reduced graphene oxide as a high-performance anode material for lithium ion batteries. Journal of Solid State Chemistry, 2020, 282, 121068. | 2.9 | 11 |
| 24 | Sodium Plating from Naâ€Î²â€3â€Alumina Ceramics at Room Temperature, Paving the Way for Fastâ€Charging Allâ€Solidâ€State Batteries. Advanced Energy Materials, 2020, 10, 1902899. | 19.5 | 99 |
| 25 | Correlating the effect of dopant type (Al, Ga, Ta) on the mechanical and electrical properties of hot-pressed Li-garnet electrolyte. Journal of the European Ceramic Society, 2020, 40, 1999-2006. | 5.7 | 46 |
| 26 | Enabling "lithium-free―manufacturing of pure lithium metal solid-state batteries through in situ plating. Nature Communications, 2020, 11, 5201. | 12.8 | 101 |
| 27 | Kinetic versus Thermodynamic Stability of LLZO in Contact with Lithium Metal. Chemistry of Materials, 2020, 32, 10207-10215. | 6.7 | 68 |
| 28 | Electrochemical and Surface Chemistry Analysis of Lithium Lanthanum Zirconium Tantalum Oxide (LLZTO)/Liquid Electrolyte (LE) Interfaces. Journal of Power Sources, 2020, 474, 228598. | 7.8 | 33 |
| 29 | Mapping hot-pressed Li6.25Al0.25La3Zr2O12 (LLZO) grains and grain boundaries through a simple thermal grooving technique. Journal of Asian Ceramic Societies, 2020, 8, 793-803. | 2.3 | 6 |
| 30 | Solidâ€State Batteries: Correlating Macro and Atomic Structure with Elastic Properties and Ionic Transport of Glassy Li ₂ Sâ€P ₂ S ₅ (LPS) Solid Electrolyte for Solidâ€State Li Metal Batteries (Adv. Energy Mater. 19/2020). Advanced Energy Materials, 2020, 10, 2070085. | 19.5 | 1 |
| 31 | Analysis of elastic, plastic, and creep properties of sodium metal and implications for solid-state batteries. Materialia, 2020, 12, 100792. | 2.7 | 20 |
| 32 | Electro-chemo-mechanical evolution of sulfide solid electrolyte/Li metal interfaces: <i>operando</i> analysis and ALD interlayer effects. Journal of Materials Chemistry A, 2020, 8, 6291-6302. | 10.3 | 61 |
| 33 | Li Penetration in Ceramic Solid Electrolytes: Operando Microscopy Analysis of Morphology, Propagation, and Reversibility. Matter, 2020, 2, 1025-1048. | 10.0 | 240 |
| 34 | Efficient fast-charging of lithium-ion batteries enabled by laser-patterned three-dimensional graphite anode architectures. Journal of Power Sources, 2020, 471, 228475. | 7.8 | 168 |
| 35 | Mixed Electronic and Ionic Conduction Properties of Lithium Lanthanum Titanate. Advanced Functional Materials, 2020, 30, 1909140. | 14.9 | 51 |
| 36 | Correlating Macro and Atomic Structure with Elastic Properties and Ionic Transport of Glassy Li ₂ Sâ€P ₂ S ₅ (LPS) Solid Electrolyte for Solidâ€State Li Metal Batteries. Advanced Energy Materials, 2020, 10, 2000335. | 19.5 | 56 |

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|----|---|------------|---------------------|
| 37 | Modeling of Li-Ion Batteries with Highly-Ordered Hierarchical Electrode Design. ECS Meeting Abstracts, 2020, MA2020-01, 2728-2728. | 0.0 | 0 |
| 38 | (Invited) Stabilizing Li Anodes using LLZO Membrane Technology. ECS Meeting Abstracts, 2020, MA2020-01, 54-54. | 0.0 | 0 |
| 39 | Investigating the Mechanical Properties of Na Metal for Solid-State Batteries. ECS Meeting Abstracts, 2020, MA2020-01, 2840-2840. | 0.0 | 0 |
| 40 | Electrochemical Formation of Li Metal Anodes to Enable Li-Free Manufacturing of Solid-State Batteries. ECS Meeting Abstracts, 2020, MA2020-01, 293-293. | 0.0 | 1 |
| 41 | Enabling Fast Charging Lithium-Ion Batteries through Highly Ordered Laser-Patterned Electrode Design. ECS Meeting Abstracts, 2020, MA2020-01, 413-413. | 0.0 | 0 |
| 42 | The Effects of Electric Field Distribution on the Interface Stability in Solid Electrolytes. Journal of the Electrochemical Society, 2020, 167, 140501. | 2.9 | 11 |
| 43 | Enabling > 4C Fast Charging of Li-Ion Batteries with Graphite/Hard Carbon Hybrid Anodes to Overcome Energy/Power Density Tradeoffs. ECS Meeting Abstracts, 2020, MA2020-02, 539-539. | 0.0 | 1 |
| 44 | Deformation and Stresses in Solid-State Composite Battery Cathodes. ECS Meeting Abstracts, 2020, MA2020-02, 995-995. | 0.0 | 0 |
| 45 | (Invited) Enabling Fast Charging Li-ion Batteries through Three-dimensional Graphite Anode Design. ECS Meeting Abstracts, 2020, MA2020-02, 537-537. | 0.0 | 0 |
| 46 | Characterizing the Li-Solid-Electrolyte Interface Dynamics as a Function of Stack Pressure and Current Density. Joule, 2019, 3, 2165-2178. | 24.0 | 298 |
| 47 | Controlling Ionic Transport through the PEO-LiTFSI/LLZTO Interface. Electrochemical Society Interface, 2019, 28, 63-69. | 0.4 | 72 |
| 48 | Interfacial Reactions and Performance of Li ₇ Li ₇ Lasub>3Zr ₂ O ₁₂ -Stabilized Li–Sulfur Hybrid Cell. ACS Applied Materials & Description of the Materials & Description of | 8.0 | 34 |
| 49 | Deformation and stresses in solid-state composite battery cathodes. Journal of Power Sources, 2019, 440, 227116. | 7.8 | 26 |
| 50 | Engineering a platform for nerve regeneration with direct application to nerve repair technology. Biomaterials, 2019, 216, 119263. | 11.4 | 18 |
| 51 | Elucidating the mobility of H ⁺ and Li ⁺ ions in (Li _{6.25a^*x} H _x Al _{0.25})La ₃ Zr ₂ O ₁₂ < neutron and electron spectroscopy. Energy and Environmental Science, 2019, 12, 945-951. | i>v&ax≴i>c | orr e lative |
| 52 | Dopantâ€Dependent Stability of Garnet Solid Electrolyte Interfaces with Lithium Metal. Advanced Energy Materials, 2019, 9, 1803440. | 19.5 | 217 |
| 53 | More pressure needed. Nature Energy, 2019, 4, 827-828. | 39.5 | 32 |
| 54 | The mechanics of scaling-up multichannel scaffold technology for clinical nerve repair. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 91, 247-254. | 3.1 | 19 |

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|----|---|------|-----------|
| 55 | Temperature dependent flux balance of the Li/Li7La3Zr2O12 interface. Electrochimica Acta, 2019, 296, 842-847. | 5.2 | 120 |
| 56 | Biomimetic 3D-printed scaffolds for spinal cord injury repair. Nature Medicine, 2019, 25, 263-269. | 30.7 | 460 |
| 57 | Elastic, plastic, and creep mechanical properties of lithium metal. Journal of Materials Science, 2019, 54, 2585-2600. | 3.7 | 247 |
| 58 | Mechanical Properties of Lithium Metal for Next Generation Batteries. ECS Meeting Abstracts, 2019, MA2019-01, 161-161. | 0.0 | 1 |
| 59 | Direct Observation of Lithium Dendrite Morphology, Propagation, and Reversibility in Garnet Solid Electrolytes Via Operando Video Microscopy. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 60 | Enabling Fast Charging Lithium-Ion Batteries through the Rational Design of 3-D Anode Architectures. ECS Meeting Abstracts, 2019 , , . | 0.0 | 1 |
| 61 | Atomic Layer Deposition of Ultrathin Glassy Lithium Borate-Carbonate Solid Electrolytes. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 62 | Safety Assessment of Solid State Batteries. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 63 | Characterization of Tin Phosphide Films for All-Solid-State Battery Anode Fabricated By Aerosol Deposition. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 64 | Dramatic reduction in the densification temperature of garnet-type solid electrolytes. Ionics, 2018, 24, 1861-1868. | 2.4 | 14 |
| 65 | Correlating the interface resistance and surface adhesion of the Li metal-solid electrolyte interface. Journal of Power Sources, 2018, 377, 7-11. | 7.8 | 85 |
| 66 | Mechanical behavior of Li-ion-conducting crystalline oxide-based solid electrolytes: a brief review. lonics, 2018, 24, 1271-1276. | 2.4 | 136 |
| 67 | Crystal Orientation-Dependent Reactivity of Oxide Surfaces in Contact with Lithium Metal. ACS Applied Materials & Samp; Interfaces, 2018, 10, 17471-17479. | 8.0 | 9 |
| 68 | Improving Li-ion battery charge rate acceptance through highly ordered hierarchical electrode design. lonics, 2018, 24, 2935-2943. | 2.4 | 34 |
| 69 | Elucidating Ion Transport in Lithium-Ion Conductors by Combining Vibrational Spectroscopy in STEM and Neutron Scattering. Microscopy and Microanalysis, 2018, 24, 1496-1497. | 0.4 | 0 |
| 70 | Atomic layer deposition and first principles modeling of glassy Li ₃ BO ₃ â€"Li ₂ CO ₃ electrolytes for solid-state Li metal batteries. Journal of Materials Chemistry A, 2018, 6, 19425-19437. | 10.3 | 48 |
| 71 | Preparation of a Li7La3Zr1.5Nb0.5O12 Garnet Solid Electrolyte Ceramic by using Sol-gel Powder Synthesis and Hot Pressing and Its Characterization. Journal of the Korean Physical Society, 2018, 73, 1535-1540. | 0.7 | 11 |
| 72 | Evaluating the Effects of Temperature and Pressure on Li/PEO-LiTFSI Interfacial Stability and Kinetics. Journal of the Electrochemical Society, 2018, 165, A2801-A2806. | 2.9 | 61 |

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|------------|---|------|-----------|
| 73 | Demonstration of high current densities and extended cycling in the garnet Li7La3Zr2O12 solid electrolyte. Journal of Power Sources, 2018, 396, 314-318. | 7.8 | 127 |
| 74 | Electrochemical Window of the Li-lon Solid Electrolyte Li ₇ La ₃ Zr ₂ O ₁₂ . ACS Energy Letters, 2017, 2, 462-468. | 17.4 | 255 |
| 7 5 | Cast-in-place, ambiently-dried, silica-based, high-temperature insulation. Acta Materialia, 2017, 127, 450-462. | 7.9 | 12 |
| 76 | Mechanical and physical properties of LiNi0.33Mn0.33Co0.33O2 (NMC). Journal of the European Ceramic Society, 2017, 37, 3213-3217. | 5.7 | 90 |
| 77 | Atomic Layer Deposition of the Solid Electrolyte Garnet Li ₇ La ₃ Zr ₂ O ₁₂ . Chemistry of Materials, 2017, 29, 3785-3792. | 6.7 | 149 |
| 78 | Impact of air exposure and surface chemistry on Li–Li ₇ La ₃ Zr ₂ O ₁₂ interfacial resistance. Journal of Materials Chemistry A, 2017, 5, 13475-13487. | 10.3 | 300 |
| 79 | Study on the mechanical properties of porous tin oxide. Ceramics International, 2017, 43, 10913-10918. | 4.8 | 12 |
| 80 | Mechanical properties of individual phases of ZrB2-ZrC eutectic composite measured by nanoindentation. Journal of the European Ceramic Society, 2017, 37, 4223-4227. | 5.7 | 29 |
| 81 | Effect of Processing Conditions of 75Li2S-25P2S5 Solid Electrolyte on its DC Electrochemical Behavior. Electrochimica Acta, 2017, 237, 144-151. | 5.2 | 103 |
| 82 | Elastic properties of lithium cobalt oxide (LiCoO ₂). Journal of Asian Ceramic Societies, 2017, 5, 113-117. | 2.3 | 87 |
| 83 | Intergranular Li metal propagation through polycrystalline Li6.25Al0.25La3Zr2O12 ceramic electrolyte. Electrochimica Acta, 2017, 223, 85-91. | 5.2 | 520 |
| 84 | Electrical, mechanical and chemical behavior of Li1.2Zr1.9Sr0.1(PO4)3. Solid State Ionics, 2017, 300, 38-45. | 2.7 | 30 |
| 85 | Controlling and correlating the effect of grain size with the mechanical and electrochemical properties of Li ₇ La ₃ Zr ₂ O ₁₂ solid-state electrolyte. Journal of Materials Chemistry A, 2017, 5, 21491-21504. | 10.3 | 202 |
| 86 | Surface Chemistry Mechanism of Ultra-Low Interfacial Resistance in the Solid-State Electrolyte Li ₇ La ₃ Zr ₂ O ₁₂ . Chemistry of Materials, 2017, 29, 7961-7968. | 6.7 | 612 |
| 87 | Peripheral nerve growth within a hydrogel microchannel scaffold supported by a kinkâ€resistant conduit. Journal of Biomedical Materials Research - Part A, 2017, 105, 3392-3399. | 4.0 | 33 |
| 88 | Integrating Novel Microscopy into Battery Research: From Atomic Resolution to In Situ and Functional Imaging. Microscopy and Microanalysis, 2017, 23, 1998-1999. | 0.4 | 0 |
| 89 | Electrochemical Stability of Li6.5La3Zr1.5M0.5O12 (M = Nb or Ta) against Metallic Lithium. Frontiers in Energy Research, 2016, 4, . | 2.3 | 62 |

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| 91 | Characterizing the degradation of alginate hydrogel for use in multilumen scaffolds for spinal cord repair. Journal of Biomedical Materials Research - Part A, 2016, 104, 611-619. | 4.0 | 52 |
| 92 | In-situ, non-destructive acoustic characterization of solid state electrolyte cells. Journal of Power Sources, 2016, 324, 126-133. | 7.8 | 54 |
| 93 | Mg/O ₂ Battery Based on the Magnesium–Aluminum Chloride Complex (MACC) Electrolyte. Chemistry of Materials, 2016, 28, 7629-7637. | 6.7 | 25 |
| 94 | Interfacial Stability of Li Metal–Solid Electrolyte Elucidated via in Situ Electron Microscopy. Nano Letters, 2016, 16, 7030-7036. | 9.1 | 309 |
| 95 | A Comparative Study on the Synthesis of Al-Doped Li6.2La3Zr2O12 Powder as a Solid Electrolyte Using Sol–Gel Synthesis and Solid-State Processing. Journal of Nanoscience and Nanotechnology, 2016, 16, 11662-11668. | 0.9 | 15 |
| 96 | BDNF gene delivery within and beyond templated agarose multi-channel guidance scaffolds enhances peripheral nerve regeneration. Journal of Neural Engineering, 2016, 13, 066011. | 3.5 | 36 |
| 97 | Characterizing the Li–Li7La3Zr2O12 interface stability and kinetics as a function of temperature and current density. Journal of Power Sources, 2016, 302, 135-139. | 7.8 | 446 |
| 98 | Elastic Properties of the Solid Electrolyte Li ₇ La ₃ Zr ₂ O ₁₂ (LLZO). Chemistry of Materials, 2016, 28, 197-206. | 6.7 | 445 |
| 99 | Microstructure and Liâ€lon Conductivity of Hotâ€Pressed Cubic Li ₇ La ₃ Zr ₂ O ₁₂ . Journal of the American Ceramic Society, 2015, 98, 1209-1214. | 3.8 | 114 |
| 100 | Thermoelectric properties of Sn substituted p-type Nd filled skutterudites. Journal of Alloys and Compounds, 2015, 639, 68-73. | 5.5 | 17 |
| 101 | A Tale of Two Sites: On Defining the Carrier Concentration in Garnetâ€Based Ionic Conductors for Advanced Li Batteries. Advanced Energy Materials, 2015, 5, 1500096. | 19.5 | 143 |
| 102 | Structure and Stoichiometry in Supervalent Doped Li ₇ La ₃ Zr ₂ O ₁₂ . Chemistry of Materials, 2015, 27, 3658-3665. | 6.7 | 99 |
| 103 | Super-ionic Conducting Oxide Electrolytes. Materials and Energy, 2015, , 391-414. | 0.1 | 5 |
| 104 | Transport properties of LiCoPO4 and Fe-substituted LiCoPO4. Journal of Power Sources, 2014, 254, 204-208. | 7.8 | 45 |
| 105 | Hierarchically structured TiO ₂ for Ba-filled skutterudite with enhanced thermoelectric performance. Journal of Materials Chemistry A, 2014, 2, 20629-20635. | 10.3 | 50 |
| 106 | Tetragonal vs. cubic phase stability in Al – free Ta doped Li ₇ La ₃ Zr ₂ O ₁₂ (LLZO). Journal of Materials Chemistry A, 2014, 2, 13431-13436. | 10.3 | 273 |
| 107 | Augmenting protein release from layer-by-layer functionalized agarose hydrogels. Carbohydrate Polymers, 2014, 103, 377-384. | 10.2 | 18 |
| 108 | A preliminary investigation of fracture toughness of Li7La3Zr2O12 and its comparison to other solid Li-ionconductors. Materials Letters, 2013, 96, 117-120. | 2.6 | 87 |

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|-----|--|------|-----------|
| 109 | Synthesis of nano-scale fast ion conducting cubic Li ₇ La ₃ Zr ₂ O ₁₂ . Nanotechnology, 2013, 24, 424005. | 2.6 | 108 |
| 110 | The effect of 24c-site (A) cation substitution on the tetragonal–cubic phase transition in Li7â^'La3â^'A Zr2O12 garnet-based ceramic electrolyte. Journal of Power Sources, 2013, 230, 261-266. | 7.8 | 116 |
| 111 | Templated agarose scaffolds for the support of motor axon regeneration into sites of complete spinal cord transection. Biomaterials, 2013, 34, 1529-1536. | 11.4 | 135 |
| 112 | Synthesis and Characterization of Telluride Aerogels: Effect of Gelation on Thermoelectric Performance of Bi ₂ Te ₃ and Bi _{2â€"<i>x</i>} Sb _{<i>x</i>} Te ₃ Nanostructures. Journal of Physical Chemistry C, 2012, 116, 17431-17439. | 3.1 | 34 |
| 113 | Enhanced thermoelectric properties of Ba-filled skutterudites by grain size reduction and Ag nanoparticle inclusion. Journal of Materials Chemistry, 2012, 22, 2958-2964. | 6.7 | 87 |
| 114 | Mechanical properties of the solid Li-ion conducting electrolyte: Li0.33La0.57TiO3. Journal of Materials Science, 2012, 47, 5970-5977. | 3.7 | 106 |
| 115 | Iridium and Lead Doped Ruthenium Oxide Catalysts for Oxygen Evolution. ECS Transactions, 2009, 25, 1371-1382. | 0.5 | 10 |
| 116 | The Role of Acetic Acid and Glycerol in the Synthesis of Amorphous MgO Aerogels. Journal of the American Ceramic Society, 2009, 92, 1011-1016. | 3.8 | 12 |
| 117 | Templated Agarose Scaffolds Support Linear Axonal Regeneration. Tissue Engineering, 2006, 12, 2777-2787. | 4.6 | 159 |
| 118 | Tests results and performance comparisons of coated and un-coated skutterudite based segmented unicouples. Energy Conversion and Management, 2006, 47, 174-200. | 9.2 | 102 |
| 119 | Non-hydrolytic sol–gel synthesis and electrochemical characterization of tin-based oxide aerogels. Journal of Power Sources, 2003, 115, 19-26. | 7.8 | 32 |
| 120 | Challenges for and Pathways toward Li-Metal-Based All-Solid-State Batteries. ACS Energy Letters, 0, , 1399-1404. | 17.4 | 228 |