# Laurence J Hardwick

List of Publications by Year
in descending order



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|---|---|---|---|
| 115 papers | 16,811 citations | 53660 45 h-index | 33814 99 g-index |
| 122 all docs | 122 docs citations | 122 times ranked | 16002 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Liâ€“O2 and Liâ€“S batteries with high energy storage. Nature Materials, 2012, 11, 19-29. | 13.3 | 8,166 |
| 2 | Reactions in the Rechargeable Lithiumâ€“O<sub>2</sub> Battery with Alkyl Carbonate Electrolytes. Journal of the American Chemical Society, 2011, 133, 8040-8047. | 6.6 | 1,157 |
| 3 | The Lithiumâ€“Oxygen Battery with Etherâ€Based Electrolytes. Angewandte Chemie - International Edition, 2011, 50, 8609-8613. | 7.2 | 1,009 |
| 4 | Lithium Diffusion in Graphitic Carbon. Journal of Physical Chemistry Letters, 2010, 1, 1176-1180. | 2.1 | 662 |
| 5 | Oxygen Reactions in a Nonâ€Aqueous Li<sup>+</sup> Electrolyte. Angewandte Chemie - International Edition, 2011, 50, 6351-6355. | 7.2 | 518 |
| 6 | Lithium-air and lithium-sulfur batteries. MRS Bulletin, 2011, 36, 506-512. | 1.7 | 272 |
| 7 | <i>In</i><i>situ</i> Raman study of lithium-ion intercalation into microcrystalline graphite. Faraday Discussions, 2014, 172, 223-237. | 1.6 | 271 |
| 8 | Surface structural disordering in graphite upon lithium intercalation/deintercalation. Journal of Power Sources, 2010, 195, 3655-3660. | 4.0 | 260 |
| 9 | Lithium Intercalation into Mesoporous Anatase with an Ordered 3D Pore Structure. Angewandte Chemie - International Edition, 2010, 49, 2570-2574. | 7.2 | 218 |
| 10 | Nano silicon for lithium-ion batteries. Electrochimica Acta, 2006, 52, 973-978. | 2.6 | 191 |
| 11 | Three-dimensional protonic conductivity in porous organic cage solids. Nature Communications, 2016, 7, 12750. | 5.8 | 133 |
| 12 | An in situ Raman study of the intercalation of supercapacitor-type electrolyte into microcrystalline graphite. Electrochimica Acta, 2006, 52, 675-680. | 2.6 | 128 |
| 13 | Electrochemical lithium insertion into anatase-type TiO2: An in situ Raman microscopy investigation. Electrochimica Acta, 2007, 52, 5357-5367. | 2.6 | 124 |
| 14 | Raman study of lithium coordination in EMI-TFSI additive systems as lithium-ion battery ionic liquid electrolytes. Journal of Raman Spectroscopy, 2007, 38, 110-112. | 1.2 | 121 |
| 15 | Lithium Insertion into Anatase Nanotubes. Chemistry of Materials, 2012, 24, 4468-4476. | 3.2 | 110 |
| 16 | In situ Raman spectroscopy of insertion electrodes for lithium-ion batteries and supercapacitors: First cycle effects. Journal of Physics and Chemistry of Solids, 2008, 69, 1232-1237. | 1.9 | 103 |
| 17 | Charge storage mechanism of activated manganese oxide composites for pseudocapacitors. Journal of Materials Chemistry A, 2015, 3, 12786-12795. | 5.2 | 95 |
| 18 | The pursuit of rechargeable non-aqueous lithiumâ€“oxygen battery cathodes. Current Opinion in Solid State and Materials Science, 2012, 16, 178-185. | 5.6 | 94 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Utilizing in Situ Electrochemical SHINERS for Oxygen Reduction Reaction Studies in Aprotic Electrolytes. Journal of Physical Chemistry Letters, 2016, 7, 2119-2124. | 2.1 | 88 |
| 20 | Microwave plasma chemical vapor deposition of nano-structured Sn/C composite thin-film anodes for Li-ion batteries. Journal of Power Sources, 2007, 173, 965-971. | 4.0 | 87 |
| 21 | Advanced in situ characterization methods applied to carbonaceous materials. Journal of Power Sources, 2005, 146, 15-20. | 4.0 | 80 |
| 22 | Surface reactivity of graphite materials and their surface passivation during the first electrochemical lithium insertion. Journal of Power Sources, 2006, 153, 300-311. | 4.0 | 79 |
| 23 | Mechanistic Insight into the Superoxide Induced Ring Opening in Propylene Carbonate Based Electrolytes using in Situ Surface-Enhanced Infrared Spectroscopy. Journal of the American Chemical Society, 2016, 138, 3745-3751. | 6.6 | 79 |
| 24 | A Pyrene-4,5,9,10-Tetraone-Based Covalent Organic Framework Delivers High Specific Capacity as a Li-Ion Positive Electrode. Journal of the American Chemical Society, 2022, 144, 9434-9442. | 6.6 | 77 |
| 25 | Direct Detection of Discharge Products in Lithiumâ€“Oxygen Batteries by Solidâ€State NMR Spectroscopy. Angewandte Chemie - International Edition, 2012, 51, 8560-8563. | 7.2 | 75 |
| 26 | A highly active nickel electrocatalyst shows excellent selectivity for CO<sub>2</sub> reduction in acidic media. Chemical Science, 2016, 7, 1521-1526. | 3.7 | 74 |
| 27 | 2020 roadmap on solid-state batteries. JPhys Energy, 2020, 2, 032008. | 2.3 | 74 |
| 28 | Integrated Covalent Organic Framework/Carbon Nanotube Composite as Liâ€Ion Positive Electrode with Ultraâ€High Rate Performance. Advanced Energy Materials, 2021, 11, 2101880. | 10.2 | 73 |
| 29 | Graphite surface disorder detection using in situ Raman microscopy. Solid State Ionics, 2006, 177, 2801-2806. | 1.3 | 71 |
| 30 | Important parameters affecting the cell voltage of aqueous electrical double-layer capacitors. Journal of Power Sources, 2013, 242, 289-298. | 4.0 | 71 |
| 31 | In Situ Study of Li Intercalation into Highly Crystalline Graphitic Flakes of Varying Thicknesses. Journal of Physical Chemistry Letters, 2016, 7, 4291-4296. | 2.1 | 70 |
| 32 | Activated Lithium-Metal-Oxides as Catalytic Electrodes for Liâ€“O2 Cells. Electrochemical and Solid-State Letters, 2011, 14, A64. | 2.2 | 66 |
| 33 | In situ Raman spectroscopy of carbon-coated ZnFe<sub>2</sub>O<sub>4</sub> anode material in Li-ion batteries â€“ investigation of SEI growth. Chemical Communications, 2016, 52, 3970-3973. | 2.2 | 64 |
| 34 | Observation of Interfacial Degradation of Li<sub>6</sub>PS<sub>5</sub>Cl against Lithium Metal and LiCoO<sub>2</sub> via <i>In Situ</i> Electrochemical Raman Microscopy. Batteries and Supercaps, 2020, 3, 647-652. | 2.4 | 63 |
| 35 | Stabilization of Oâ€“O Bonds by d<sup>0</sup> Cations in Li<sub>4+<i>x</i></sub>Ni<sub>1â€“<i>x</i></sub>WO<sub>6</sub> (0 â‰ <i>x</i> â‰ 0.25) Rock Salt Oxides as the Origin of Large Voltage Hysteresis. Journal of the American Chemical Society, 2019, 141, 7333-7346. | 6.6 | 61 |
| 36 | Criteria appointing the highest acceptable cell voltage of asymmetric supercapacitors. Electrochemistry Communications, 2013, 27, 81-84. | 2.3 | 60 |

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|---|---|---|---|
| 37 | Electrochemical doping of single-walled carbon nanotubes in double layer capacitors studied by in situ Raman spectroscopy. Carbon, 2009, 47, 38-52. | 5.4 | 58 |
| 38 | Behaviour of highly crystalline graphites in lithium-ion cells with propylene carbonate containing electrolytes. Journal of Power Sources, 2005, 146, 134-141. | 4.0 | 57 |
| 39 | Behaviour of highly crystalline graphitic materials in lithium-ion cells with propylene carbonate containing electrolytes: An in situ Raman and SEM study. Electrochimica Acta, 2007, 52, 4884-4891. | 2.6 | 56 |
| 40 | Solventâ€Mediated Control of the Electrochemical Discharge Products of Nonâ€Aqueous Sodiumâ€“Oxygen Electrochemistry. Angewandte Chemie - International Edition, 2016, 55, 8254-8257. | 7.2 | 56 |
| 41 | An Investigation of the Effect of Graphite Degradation on Irreversible Capacity in Lithium-ion Cells. Journal of the Electrochemical Society, 2008, 155, A442. | 1.3 | 54 |
| 42 | FTIR and Raman Study of the Li[sub x]Ti[sub y]Mn[sub 1âˆ'y]O[sub 2] (y=0,â€,0.11) Cathodes in Methylpropyl Pyrrolidinium Bis(fluoro-sulfonyl)imide, LiTFSI Electrolyte. Journal of the Electrochemical Society, 2009, 156, A120. | 1.3 | 48 |
| 43 | A light-weight free-standing graphene foam-based interlayer towards improved Li-S cells. Electrochimica Acta, 2019, 299, 479-488. | 2.6 | 45 |
| 44 | In Situ Surface-Enhanced Infrared Spectroscopy to Identify Oxygen Reduction Products in Nonaqueous Metalâ€“Oxygen Batteries. Journal of Physical Chemistry C, 2017, 121, 19657-19667. | 1.5 | 42 |
| 45 | Water oxidation intermediates on iridium oxide electrodes probed by <i>in situ</i> electrochemical SHINERS. Chemical Communications, 2020, 56, 1129-1132. | 2.2 | 41 |
| 46 | Advanced Spectroelectrochemical Techniques to Study Electrode Interfaces Within Lithium-Ion and Lithium-Oxygen Batteries. Annual Review of Analytical Chemistry, 2019, 12, 323-346. | 2.8 | 39 |
| 47 | Investigating the presence of adsorbed species on Pt steps at low potentials. Nature Communications, 2022, 13, 2550. | 5.8 | 37 |
| 48 | Electrochemical performance of laser micro-structured nickel oxyhydroxide cathodes. Journal of Power Sources, 2014, 271, 42-47. | 4.0 | 35 |
| 49 | Shell isolated nanoparticles for enhanced Raman spectroscopy studies in lithiumâ€“oxygen cells. Faraday Discussions, 2017, 205, 469-490. | 1.6 | 35 |
| 50 | Scaling up â€œNanoâ€•Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>for High-Power Lithium-Ion Anodes Using Large Scale Flame Spray Pyrolysis. Journal of the Electrochemical Society, 2015, 162, A2331-A2338. | 1.3 | 32 |
| 51 | In situ Raman spectroscopic analysis of the lithiation and sodiation of antimony microparticles. Electrochimica Acta, 2017, 247, 296-305. | 2.6 | 32 |
| 52 | Inâ€Situ Electrochemical SHINERS Investigation of SEI Composition on Carbonâ€Coated Zn<sub>0.9</sub>Fe<sub>0.1</sub>O Anode for Lithiumâ€Ion Batteries. Batteries and Supercaps, 2019, 2, 168-177. | 2.4 | 32 |
| 53 | The Effect of Degrees of Inversion on the Electronic Structure of Spinel NiCo<sub>2</sub>O<sub>4</sub>: A Density Functional Theory Study. ACS Omega, 2021, 6, 9692-9699. | 1.6 | 32 |
| 54 | Element selection for crystalline inorganic solid discovery guided by unsupervised machine learning of experimentally explored chemistry. Nature Communications, 2021, 12, 5561. | 5.8 | 32 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 55 | Dynamics of Solidâ€Electrolyte Interphase Formation on Silicon Electrodes Revealed by Combinatorial Electrochemical Screening. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 32 |
| 56 | Rechargeable Multi-Valent Metal-Air Batteries. Johnson Matthey Technology Review, 2018, 62, 134-149. | 0.5 | 31 |
| 57 | Engineering of electrospun polyimide separators for electrical double-layer capacitors and lithium-ion cells. Journal of Power Sources, 2021, 482, 229054. | 4.0 | 31 |
| 58 | Lithium Transport in Li4.4M0.4Mâ€²0.6S4 (M = Al3+, Ga3+, and Mâ€² = Ge4+, Sn4+): Combined Crystallographic, Conductivity, Solid State NMR, and Computational Studies. Chemistry of Materials, 2018, 30, 7183-7200. | 3.2 | 28 |
| 59 | Characterization of Aluminum Doped Lithium-Manganese Rich Composites for Higher Rate Lithium-Ion Cathodes. Journal of the Electrochemical Society, 2014, 161, A2109-A2116. | 1.3 | 27 |
| 60 | Kerr gated Raman spectroscopy of LiPF<sub>6</sub>salt and LiPF<sub>6</sub>-based organic carbonate electrolyte for Li-ion batteries. Physical Chemistry Chemical Physics, 2019, 21, 23833-23842. | 1.3 | 27 |
| 61 | Intercalation behaviour of Li and Na into 3-layer and multilayer MoS2 flakes. Electrochimica Acta, 2020, 331, 135284. | 2.6 | 26 |
| 62 | Oxygen reactions on Pt{<i>hkl</i>} in a non-aqueous Na<sup>+</sup> electrolyte: site selective stabilisation of a sodium peroxy species. Chemical Science, 2019, 10, 2956-2964. | 3.7 | 25 |
| 63 | The role of re-aggregation on the performance of electrochemically exfoliated many-layer graphene for Li-ion batteries. Journal of Electroanalytical Chemistry, 2015, 753, 35-41. | 1.9 | 24 |
| 64 | Divalent Nonaqueous Metal-Air Batteries. Frontiers in Energy Research, 2021, 8, . | 1.2 | 24 |
| 65 | Time-resolved SERS study of the oxygen reduction reaction in ionic liquid electrolytes for non-aqueous lithiumâ€"oxygen cells. Faraday Discussions, 2018, 206, 379-392. | 1.6 | 23 |
| 66 | Evaluating chemical bonding in dioxides for the development of metalâ€"oxygen batteries: vibrational spectroscopic trends of dioxygenyls, dioxygen, superoxides and peroxides. Physical Chemistry Chemical Physics, 2019, 21, 1552-1563. | 1.3 | 22 |
| 67 | Raman spectroscopic and structural studies of heat-treated graphites for lithium-ion batteries. Ionics, 2003, 9, 258-265. | 1.2 | 19 |
| 68 | Data Management Plans: the Importance of Data Management in the BIGâ€MAP Project**. Batteries and Supercaps, 2021, 4, 1803-1812. | 2.4 | 19 |
| 69 | Influence of Tetraalkylammonium Cation Chain Length on Gold and Glassy Carbon Electrode Interfaces for Alkali Metalâ€"Oxygen Batteries. Journal of Physical Chemistry Letters, 2014, 5, 3924-3930. | 2.1 | 18 |
| 70 | Template-free synthesis of nitrogen doped carbon materials from an organic ionic dye (murexide) for supercapacitor application. RSC Advances, 2017, 7, 54626-54637. | 1.7 | 16 |
| 71 | Design Parameters for Ionic Liquidâ€"Molecular Solvent Blend Electrolytes to Enable Stable Li Metal Cycling Within Liâ€"O<sub>2</sub> Batteries. Advanced Functional Materials, 2021, 31, 2010627. | 7.8 | 16 |
| 72 | Microwave plasma chemical vapor deposition of graphitic carbon thin films. Carbon, 2010, 48, 1552-1557. | 5.4 | 14 |

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|---|---|---|---|
| 73 | Analytical SERS: general discussion. Faraday Discussions, 2017, 205, 561-600. | 1.6 | 14 |
| 74 | Enhanced oxygen evolution performance of spinel Fe0.1Ni0.9Co2O4/Activated carbon composites. Electrochimica Acta, 2019, 326, 134986. | 2.6 | 14 |
| 75 | Crosslinked Polyimide and Reduced Graphene Oxide Composites as Long Cycle Life Positive Electrode for Lithiumâ€Ion Cells. ChemSusChem, 2020, 13, 5571-5579. | 3.6 | 14 |
| 76 | Quantitative Resolution of Complex Stoichiometric Changes during Electrochemical Cycling by Density Functional Theory-Assisted Electrochemical Quartz Crystal Microbalance. ACS Applied Energy Materials, 2020, 3, 3347-3357. | 2.5 | 14 |
| 77 | Solventâ€Mediated Control of the Electrochemical Discharge Products of Nonâ€Aqueous Sodiumâ€"Oxygen Electrochemistry. Angewandte Chemie, 2016, 128, 8394-8397. | 1.6 | 13 |
| 78 | Na<sub>0.35</sub>MnO<sub>2</sub>as an ionic conductor with randomly distributed nano-sized layers. Journal of Materials Chemistry A, 2017, 5, 10021-10026. | 5.2 | 13 |
| 79 | Electrochemistry: general discussion. Faraday Discussions, 2018, 206, 405-426. | 1.6 | 13 |
| 80 | Adsorption, surface relaxation and electrolyte structure at Pt(111) electrodes in non-aqueous and aqueous acetonitrile electrolytes. Physical Chemistry Chemical Physics, 2019, 21, 8654-8662. | 1.3 | 12 |
| 81 | Carbon electrodes for energy storage: general discussion. Faraday Discussions, 2014, 172, 239-260. | 1.6 | 11 |
| 82 | Fabrication of a Lightâ€Weight Dualâ€Function Modified Separator towards Highâ€Performance Lithiumâ€Sulfur Batteries. ChemElectroChem, 2019, 6, 3648-3656. | 1.7 | 11 |
| 83 | Na2Fe2OS2, a new earth abundant oxysulphide cathode material for Na-ion batteries. Journal of Materials Chemistry A, 2020, 8, 20553-20569. | 5.2 | 11 |
| 84 | Sn 5s2 lone pairs and the electronic structure of tin sulphides: A photoreflectance, high-energy photoemission, and theoretical investigation. Physical Review Materials, 2020, 4, . | 0.9 | 11 |
| 85 | Growth and dissolution of NaO<sub>2</sub> in an ether-based electrolyte as the discharge product in the Naâ€"O<sub>2</sub> cell. Chemical Communications, 2018, 54, 3444-3447. | 2.2 | 8 |
| 86 | Structure and dynamics of ionic liquids: general discussion. Faraday Discussions, 2018, 206, 291-337. | 1.6 | 8 |
| 87 | Application of In Situ Techniques for Investigations in Lithium-Ion Battery Materials. ECS Transactions, 2007, 3, 29-43. | 0.3 | 7 |
| 88 | Extended Condensed Ultraphosphate Frameworks with Monovalent Ions Combine Lithium Mobility with High Computed Electrochemical Stability. Journal of the American Chemical Society, 2021, 143, 18216-18232. | 6.6 | 7 |
| 89 | An electrochemical investigation of oxygen adsorption on Pt single crystal electrodes in a non-aqueous Li+ electrolyte. Electrochemistry Communications, 2020, 119, 106814. | 2.3 | 6 |
| 90 | Trapped interfacial redox introduces reversibility in the oxygen reduction reaction in a non-aqueous Ca<sup>2+</sup> electrolyte. Chemical Science, 2021, 12, 8909-8919. | 3.7 | 5 |

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| 91 | Porous polyimide separator promotes uniform lithium plating for lithiumâ€free cells. Electrochemical Science Advances, 2022, 2, e2100091. | 1.2 | 5 |
| 92 | Lithium Insertion into Graphitic Carbon Observed via Operando Kerr-Gated Raman Spectroscopy Enables High State of Charge Diagnostics. ACS Energy Letters, 2022, 7, 2611-2618. | 8.8 | 5 |
| 93 | The many faces of carbon in electrochemistry: general discussion. Faraday Discussions, 2014, 172, 117-137. | 1.6 | 4 |
| 94 | Approach to Wide-Frequency Battery Impedance Measurements in Commercial Applications. , 2019, , . | | 4 |
| 95 | Batteries: Avoiding oxygen. Nature Energy, 2016, 1, . | 19.8 | 2 |
| 96 | Dynamics of Solidâ€Electrolyte Interphase Formation on Silicon Electrodes Revealed by Combinatorial Electrochemical Screening. Angewandte Chemie, 0, , . | 1.6 | 2 |
| 97 | Long-Life and pH-Stable SnO<sub>2</sub>-Coated Au Nanoparticles for SHINERS. Journal of Physical Chemistry C, 0, , . | 1.5 | 2 |
| 98 | Studying the Origin and Mechanism of Irreversible Capacity in Lithium-Ion Cells. ECS Transactions, 2008, 11, 139-148. | 0.3 | 0 |
| 99 | Ionic Liquids: Design Parameters for Ionic Liquidâ€"Molecular Solvent Blend Electrolytes to Enable Stable Li Metal Cycling Within Liâ€"O<sub>2</sub> Batteries (Adv. Funct. Mater. 27/2021). Advanced Functional Materials, 2021, 31, 2170193. | 7.8 | 0 |
| 100 | (Invited) Oxygen Reactions at Poly and Single Crystalline Electrodes in a Sodium-Ion Containing Aprotic Solvent. ECS Meeting Abstracts, 2018, , . | 0.0 | 0 |
| 101 | Anionic Redox in Li-Rich Rocksalt Oxides Studied Via X-Ray Photoelectron Spectroscopy. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 102 | Oxygen Reduction at Pt{Hkl} Electrodes in an Alkali Metal Ion Containing Aprotic Solvent. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 103 | Exploring Ionic Liquid-Solvent Blend Formulations for the Stable Cycling of Li-Metal Anodes in Li-O2 Batteries. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 104 | Kerr Gated Raman Spectroscopy to Investigate Lithium-Ion Battery Interfaces. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 105 | Binder Degradation in Sodium- and Potassium-Oxygen Batteries. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 106 | Achieving Stable Cycling of Li-Metal Anodes in Li-O2 Batteries: Optimizing Solvation Environment in Ionic Liquid/Solvent Blend Formulations. ECS Meeting Abstracts, 2020, MA2020-01, 441-441. | 0.0 | 0 |
| 107 | (Invited) Kerr Gated Raman Spectroscopy to Investigate Aging Processes on Lithium-Ion Electrode Interfaces. ECS Meeting Abstracts, 2020, MA2020-01, 190-190. | 0.0 | 0 |
| 108 | Observation of Interfacial Degradation of Solid Electrolytes Against Lithium Metal and Layered Transition Metal Oxides Via in Situ Electrochemical Raman Microscopy. ECS Meeting Abstracts, 2020, MA2020-02, 889-889. | 0.0 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Ordered Oxygen Vacancies in the Lithium-Rich Oxide Li<sub>4</sub>CuSbO<sub>5.5</sub>, a Triclinic Structure Type Derived from the Cubic Rocksalt Structure. Inorganic Chemistry, 2021, 60, 19022-19034. | 1.9 | 0 |
| 110 | (Invited) Design of Electrospun Polyimide-Based Separators for Electrical Double-Layer Capacitors and Lithium-Ion Batteries. ECS Meeting Abstracts, 2020, MA2020-02, 604-604. | 0.0 | 0 |
| 111 | Multi-Functional Polyimide Separators for Electrochemical Capacitor and Lithium-Ion Cell Applications. ECS Meeting Abstracts, 2022, MA2022-01, 550-550. | 0.0 | 0 |
| 112 | Operando electrochemical Kerr Gated Raman Spectroscopy to Probe the High States of Charge in Graphite Electrodes for Li-Ion Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 2475-2475. | 0.0 | 0 |
| 113 | Operando Surface Enhanced Infrared Spectroscopic Investigations of Interfacial Restructuring and Oxygen Electrochemistry in Ionic Liquid Electrolytes for Metal-Air Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 569-569. | 0.0 | 0 |
| 114 | Stable Formulations for the Lithium and Sodium Metal Interfaces in Alkali Metal-Oxygen Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 496-496. | 0.0 | 0 |
| 115 | Gas Evolution from Sulfide-Based All-Solid-State Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 231-231. | 0.0 | 0 |