# Diana Golodnitsky

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7131912/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 130 papers | 6,856 citations | 53751 45 h-index | 64755 79 g-index |
| 137 all docs | 137 docs citations | 137 times ranked | 6746 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Operando Terahertz Spectroscopy of Solid Electrolyte Interphase Evolution on Silicon Anodes. Batteries and Supercaps, 2022, 5, . | 2.4 | 4 |
| 2 | Drop-on-demand 3D-printed silicon-based anodes for lithium-ion batteries. Journal of Solid State Electrochemistry, 2022, 26, 183-193. | 1.2 | 5 |
| 3 | 3D printable solid and quasiâ€solid electrolytes for advanced batteries. Electrochemical Science Advances, 2022, 2, e2100167. | 1.2 | 4 |
| 4 | A Study of Composite Solid Electrolytes: The Effect of Inorganic Additives on the Polyethylene Oxide-Sodium Metal Interface. Journal of the Electrochemical Society, 2022, 169, 020504. | 1.3 | 7 |
| 5 | Enhancing performance of anode-free Li-metal batteries by addition of ceramic nanoparticles Part II. Journal of Solid State Electrochemistry, 2022, 26, 2027-2038. | 1.2 | 1 |
| 6 | Recent advances in solid-state beyond lithium batteries. Journal of Solid State Electrochemistry, 2022, 26, 1851-1869. | 1.2 | 14 |
| 7 | How to Pack a Punch â€“ Why 3D Batteries are Essential. Israel Journal of Chemistry, 2021, 61, 38-50. | 1.0 | 7 |
| 8 | Synthesis and electrochemical performance of silicon-nanowire alloy anodes. RSC Advances, 2021, 11, 26586-26593. | 1.7 | 6 |
| 9 | Pouchâ€Cell Architecture Downscaled to Coin Cells for Electrochemical Characterization of Bilateral Electrodes**. Batteries and Supercaps, 2021, 4, 767-770. | 2.4 | 0 |
| 10 | Evaluating the Passivation Layer of Freshly Cleaved Silicon Surfaces by Binary Silaneâ€Based Electrolytes. Batteries and Supercaps, 2021, 4, 1611. | 2.4 | 2 |
| 11 | Enhancing Performance of Anode-Free Li-Metal Batteries by Addition of Ceramic Nanoparticles: Part I.. Journal of the Electrochemical Society, 2021, 168, 090541. | 1.3 | 3 |
| 12 | Toward High Performance All Solid-State Na Batteries: Investigation of Electrolytes Comprising NaPF<sub>6</sub>, Poly(ethylene oxide) and TiO<sub>2</sub>. Journal of the Electrochemical Society, 2021, 168, 110553. | 1.3 | 10 |
| 13 | Plasticized 3D-Printed Polymer Electrolytes for Lithium-Ion Batteries. Journal of the Electrochemical Society, 2021, 168, 110549. | 1.3 | 10 |
| 14 | FTO Darkening Rate as a Qualitative, High-Throughput Mapping Method for Screening Li-Ionic Conduction in Thin Solid Electrolytes. ACS Combinatorial Science, 2020, 22, 18-24. | 3.8 | 4 |
| 15 | On the Road to a Multi-Coaxial-Cable Battery: Development of a Novel 3D-Printed Composite Solid Electrolyte. Journal of the Electrochemical Society, 2020, 167, 070503. | 1.3 | 34 |
| 16 | Between Liquid and All Solid: A Prospect on Electrolyte Future in Lithiumâ€Ion Batteries for Electric Vehicles. Energy Technology, 2020, 8, 2000580. | 1.8 | 48 |
| 17 | Elucidation of the Losses in Cycling Lithium-Metal Anodes in Carbonate-Based Electrolytes. Journal of the Electrochemical Society, 2020, 167, 100520. | 1.3 | 14 |
| 18 | Analysis of Scale-up Parameters in 3D Silicon-Nanowire Lithium-Battery Anodes. Journal of the Electrochemical Society, 2020, 167, 050511. | 1.3 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Novel one-step electrophoretic deposition of the membrane-electrode assembly for flexible-battery applications. Journal of Materials Chemistry A, 2020, 8, 11391-11398. | 5.2 | 8 |
| 20 | Reviewâ€"Polymer/Ceramic Interface Barriers: The Fundamental Challenge for Advancing Composite Solid Electrolytes for Li-Ion Batteries. Journal of the Electrochemical Society, 2020, 167, 160514. | 1.3 | 45 |
| 21 | Comparative Characterization of Silicon Alloy Anodes, Containing Single-Wall or Multi-Wall Carbon Nanotubes. Journal of the Electrochemical Society, 2019, 166, A740-A746. | 1.3 | 11 |
| 22 | Evaluation of ion-transport in composite polymer-in-ceramic electrolytes. Case study of active and inert ceramics. Electrochimica Acta, 2019, 304, 447-455. | 2.6 | 29 |
| 23 | Disiloxane with nitrile end groups as Co-solvent for electrolytes in lithium sulfur batteries â€“ A feasible approach to replace LiNO3. Electrochimica Acta, 2019, 307, 76-82. | 2.6 | 15 |
| 24 | Study of the Formation of a Solid Electrolyte Interphase (SEI) on a Silicon Nanowire Anode in Liquid Disiloxane Electrolyte with Nitrile End Groups for Lithiumâ€Ion Batteries. Batteries and Supercaps, 2019, 2, 213-222. | 2.4 | 25 |
| 25 | Large-Scale Self-Catalyzed Spongelike Silicon Nano-Network-Based 3D Anodes for High-Capacity Lithium-Ion Batteries. Nano Letters, 2019, 19, 1944-1954. | 4.5 | 53 |
| 26 | Comparison of the Catalytic Activity of Carbon, Spinel-Based, and Carbide Materials in the Na-Air Battery. Frontiers in Materials, 2019, 6, . | 1.2 | 3 |
| 27 | Pyrite-based mixtures as composite electrodes for lithium-sulfur batteries. Journal of Solid State Electrochemistry, 2019, 23, 419-431. | 1.2 | 0 |
| 28 | Drop-on-Demand 3D Printing of Lithium Iron Phosphate Cathodes. Journal of the Electrochemical Society, 2019, 166, A5059-A5064. | 1.3 | 24 |
| 29 | Novel rechargeable 3D-Microbatteries on 3D-printed-polymer substrates: Feasibility study. Electrochimica Acta, 2018, 265, 690-701. | 2.6 | 60 |
| 30 | Towards smart free form-factor 3D printable batteries. Sustainable Energy and Fuels, 2018, 2, 1542-1549. | 2.5 | 67 |
| 31 | Low-cost open-space scaffold structure for high-capacity silicon anode. Solid State Ionics, 2018, 319, 228-233. | 1.3 | 3 |
| 32 | Oxygen redox processes in PEGDME-based electrolytes for the Na-air battery. Journal of Solid State Electrochemistry, 2018, 22, 1015-1022. | 1.2 | 14 |
| 33 | Improving the Durability and Minimizing the Polysulfide Shuttle in the Li/S Battery. Journal of the Electrochemical Society, 2018, 165, A6051-A6057. | 1.3 | 23 |
| 34 | Adsorption of Li<sub>2</sub>O<sub>2</sub>, Na<sub>2</sub>O<sub>2</sub>, and NaO<sub>2</sub> on TiC(111) Surface for Metalâ€"Air Rechargeable Batteries: A Theoretical Study. Journal of Physical Chemistry C, 2018, 122, 16473-16480. | 1.5 | 12 |
| 35 | Foreword to the special issue of the Journal of Solid State Electrochemistry. Journal of Solid State Electrochemistry, 2017, 21, 3379-3379. | 1.2 | 0 |
| 36 | On the way to high-conductivity single lithium-ion conductors. Journal of Solid State Electrochemistry, 2017, 21, 1879-1905. | 1.2 | 71 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The Effect of Binders on the Performance and Degradation of the Lithium/Sulfur Battery Assembled in the Discharged State. Journal of the Electrochemical Society, 2017, 164, A5001-A5007. | 1.3 | 63 |
| 38 | The search for a solid electrolyte, as a polysulfide barrier, for lithium/sulfur batteries. Journal of Solid State Electrochemistry, 2016, 20, 3393-3404. | 1.2 | 35 |
| 39 | Peculiarities of ion transport in confined-in-ceramics concentrated polymer electrolytes. Electrochimica Acta, 2016, 208, 71-79. | 2.6 | 11 |
| 40 | PSi-Based Supercapacitors. , 2016, , 347-374. | | 1 |
| 41 | The role of the confined water in the dynamic crossover of hydrated lysozyme powders. Physical Chemistry Chemical Physics, 2016, 18, 10992-10999. | 1.3 | 22 |
| 42 | Liquidâ€Free Lithiumâ€“Oxygen Batteries. Angewandte Chemie - International Edition, 2015, 54, 436-440. | 7.2 | 68 |
| 43 | Tissue-like Silicon Nanowires-Based Three-Dimensional Anodes for High-Capacity Lithium Ion Batteries. Nano Letters, 2015, 15, 3907-3916. | 4.5 | 111 |
| 44 | Synthesis and characterization of lithium-salt complexes with difluoroalkoxyborates for application as lithium electrolytes. Electrochimica Acta, 2015, 175, 104-112. | 2.6 | 5 |
| 45 | Reviewâ€"On Order and Disorder in Polymer Electrolytes. Journal of the Electrochemical Society, 2015, 162, A2551-A2566. | 1.3 | 197 |
| 46 | Advanced Multiphase Silicon-Based Anodes for High-Energy-Density Li-Ion Batteries. Journal of the Electrochemical Society, 2015, 162, A1072-A1079. | 1.3 | 18 |
| 47 | Solid Polymer-in-Ceramic Electrolyte Formed by Electrophoretic Deposition. Journal of the Electrochemical Society, 2015, 162, D3084-D3089. | 1.3 | 26 |
| 48 | Polymer Electrolytes. Materials and Energy, 2015, , 523-589. | 2.5 | 3 |
| 49 | In-Operando X-ray Tomography Study of Lithiation Induced Delamination of Si Based Anodes for Lithium-Ion Batteries. ECS Electrochemistry Letters, 2014, 3, A76-A78. | 1.9 | 60 |
| 50 | Electrostatic Potential of Polyelectrolyte Molecules Grafted on Charged Surfaces: A Poisson-Boltzmann Model. Journal of the Electrochemical Society, 2014, 161, E3049-E3058. | 1.3 | 4 |
| 51 | Three-dimensional high resolution X-ray imaging and quantification of lithium ion battery mesocarbon microbead anodes. Journal of Power Sources, 2014, 248, 1014-1020. | 4.0 | 78 |
| 52 | Study of polymer electrolytes with grafted Auâ€“Î³-Fe2O3 nanoparticles. International Journal of Hydrogen Energy, 2014, 39, 2909-2916. | 3.8 | 1 |
| 53 | Nanotin alloys supported by multiwall carbon nanotubes as high-capacity and safer anode materials for EV lithium batteries. Journal of Power Sources, 2014, 245, 345-351. | 4.0 | 21 |
| 54 | Challenges and obstacles in the development of sodiumâ€“air batteries. Journal of Power Sources, 2013, 244, 771-776. | 4.0 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Quasi-solid polymer-in-ceramic membrane for Li-ion batteries. Electrochimica Acta, 2013, 114, 325-333. | 2.6 | 22 |
| 56 | Development and Characterization of Composite YSZâ€“PEI Electrophoretically Deposited Membrane for Li-Ion Battery. Journal of Physical Chemistry B, 2013, 117, 1577-1584. | 1.2 | 12 |
| 57 | Effect of peptide nanotube filler on structural and ion-transport properties of solid polymer electrolytes. Solid State Ionics, 2012, 220, 39-46. | 1.3 | 10 |
| 58 | Electrophoretic deposition of lithium iron phosphate cathode for thin-film 3D-microbatteries. Journal of Power Sources, 2012, 198, 264-272. | 4.0 | 83 |
| 59 | 3D lithium ion batteriesâ€”from fundamentals to fabrication. Journal of Materials Chemistry, 2011, 21, 9876. | 6.7 | 231 |
| 60 | Conductivity enhancement induced by casting of polymer electrolytes under a magnetic field. Electrochimica Acta, 2011, 57, 27-35. | 2.6 | 17 |
| 61 | Parameter analysis of a practical lithium- and sodium-air electric vehicle battery. Journal of Power Sources, 2011, 196, 6835-6840. | 4.0 | 150 |
| 62 | Electroless nickel current collector for 3D-microbatteries. Journal of Applied Electrochemistry, 2010, 40, 435-444. | 1.5 | 18 |
| 63 | Novel porous-silicon structures for 3D-interlaced microbatteries. Electrochimica Acta, 2010, 56, 37-41. | 2.6 | 16 |
| 64 | Stochastic model of lithium ion conduction in poly(ethylene oxide). Journal of Applied Physics, 2010, 107, 064318. | 1.1 | 9 |
| 65 | High Power Copper Sulfide Cathodes for Thin-Film Microbatteries. Electrochemical and Solid-State Letters, 2009, 12, A232. | 2.2 | 51 |
| 66 | SECONDARY BATTERIES â€“ LITHIUM RECHARGEABLE SYSTEMS \| Electrolytes: Single Lithium Ion Conducting Polymers. , 2009, , 112-128. | | 9 |
| 67 | Artificial solid-electrolyte interphase (SEI) for improved cycleability and safety of lithiumâ€“ion cells for EV applications. Electrochemistry Communications, 2009, 11, 1789-1791. | 2.3 | 135 |
| 68 | A search for a single-ion-conducting polymer electrolyte: Combined effect of anion trap and inorganic filler. Journal of Power Sources, 2008, 178, 736-743. | 4.0 | 54 |
| 69 | X-ray Photoelectron Spectroscopy and Time-Of-Flight Secondary Ion Mass Spectroscopy studies of electrodeposited molybdenum oxysulfide cathodes for lithium and lithium-ion microbatteries. Journal of Solid State Electrochemistry, 2008, 12, 273-285. | 1.2 | 14 |
| 70 | Polymer geometry and Li+ conduction in poly(ethylene oxide). Journal of Computational Physics, 2008, 227, 8437-8447. | 1.9 | 21 |
| 71 | Solid Composite Polymer Electrolytes with High Cation Transference Number. Israel Journal of Chemistry, 2008, 48, 259-268. | 1.0 | 6 |
| 72 | Host-Guest Interactions in Single-Ion Lithium Polymer Electrolyte. Journal of the Electrochemical Society, 2007, 154, A547. | 1.3 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | New boron compounds as additives for lithium polymer electrolytes. Electrochimica Acta, 2007, 53, 1481-1489. | 2.6 | 19 |
| 74 | Ion transport phenomena in polymeric electrolytes. Electrochimica Acta, 2007, 53, 1409-1416. | 2.6 | 34 |
| 75 | Lithium ion transport of solid electrolytes based on PEO/CF3SO3Li and aluminum carboxylate. Journal of Power Sources, 2007, 173, 734-742. | 4.0 | 36 |
| 76 | Modeling and simulation of Li-ion conduction in poly(ethylene oxide). Journal of Computational Physics, 2007, 227, 1162-1175. | 1.9 | 15 |
| 77 | Advanced materials for the 3D microbattery. Journal of Power Sources, 2006, 153, 281-287. | 4.0 | 104 |
| 78 | A novel PTFE-based proton-conductive membrane. Journal of Power Sources, 2006, 153, 228-233. | 4.0 | 16 |
| 79 | Novel composite proton-exchange membrane based on silica-anchored sulfonic acid (SASA). Journal of Power Sources, 2006, 161, 1069-1075. | 4.0 | 13 |
| 80 | Progress in three-dimensional (3D) Li-ion microbatteries. Solid State Ionics, 2006, 177, 2811-2819. | 1.3 | 124 |
| 81 | Pt-, PtNi- and PtCo-supported catalysts for oxygen reduction in PEM fuel cells. Journal of Power Sources, 2006, 161, 782-789. | 4.0 | 146 |
| 82 | New insights into structural and electrochemical properties of anisotropic polymer electrolytes. Electrochimica Acta, 2005, 50, 3805-3814. | 2.6 | 21 |
| 83 | Effect of calixpyrrole in PEOâ€“LiBF4 polymer electrolytes. Electrochimica Acta, 2005, 50, 3942-3948. | 2.6 | 78 |
| 84 | Three-dimensional thin-film Li-ion microbatteries for autonomous MEMS. Journal of Microelectromechanical Systems, 2005, 14, 879-885. | 1.7 | 159 |
| 85 | Anion-Binding Calixarene Receptors: Synthesis, Microstructure, and Effect on Properties of Polyether Electrolytes. Chemistry of Materials, 2005, 17, 1535-1547. | 3.2 | 91 |
| 86 | SEI ON LITHIUM, GRAPHITE, DISORDERED CARBONS AND TIN-BASED ALLOYS. , 2004, , 1-69. | | 11 |
| 87 | Recent Advances in Three Dimensional Thin Film Microbatteries. Materials Research Society Symposia Proceedings, 2004, 835, K10.10.1. | 0.1 | 6 |
| 88 | XPS analysis of the SEI formed on carbonaceous materials. Solid State Ionics, 2004, 170, 83-91. | 1.3 | 241 |
| 89 | Thin-film iron sulfide cathodes for lithium and Li-ion/polymer electrolyte microbatteries. Electrochimica Acta, 2004, 50, 417-420. | 2.6 | 34 |
| 90 | Effect of carbon substrate on SEI composition and morphology. Electrochimica Acta, 2004, 50, 391-395. | 2.6 | 102 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Novel Solid Polymer Electrolytes with Single Lithium-Ion Transport. Journal of the Electrochemical Society, 2004, 151, A1762. | 1.3 | 86 |
| 92 | New Generation of Ordered Polymer Electrolytes for Lithium Batteries. Electrochemical and Solid-State Letters, 2004, 7, A412. | 2.2 | 58 |
| 93 | Polymer-in-Salt Electrolytes Based on Acrylonitrile/Butyl Acrylate Copolymers and Lithium Salts. Journal of Physical Chemistry B, 2004, 108, 14907-14914. | 1.2 | 66 |
| 94 | Thermal characterization of social vespid silk. Journal of Thermal Analysis and Calorimetry, 2003, 73, 85-96. | 2.0 | 5 |
| 95 | X-ray absorption spectroscopy of highly cycled Li/composite polymer electrolyte/FeS2 cells. Solid State Ionics, 2003, 164, 51-63. | 1.3 | 11 |
| 96 | To the electrochemistry of pyrite in Li/solid composite-polymer-electrolyte battery. Journal of Power Sources, 2003, 115, 323-331. | 4.0 | 27 |
| 97 | Thin-film lithium and lithium-ion batteries with electrochemically deposited molybdenum oxysulfide cathodes. Journal of Power Sources, 2003, 122, 169-173. | 4.0 | 33 |
| 98 | Highly conductive oriented PEO-based polymer electrolytes. Macromolecular Symposia, 2003, 203, 27-46. | 0.4 | 37 |
| 99 | Elucidation of the charge-discharge mechanism of lithium/polymer electrolyte/pyrite batteries. Journal of Solid State Electrochemistry, 2002, 6, 468-474. | 1.2 | 15 |
| 100 | Ion-transport phenomena in concentrated PEO-based composite polymer electrolytes. Solid State Ionics, 2002, 147, 141-155. | 1.3 | 56 |
| 101 | Stretching-induced changes in ionâ€“polymer interactions in semicrystalline Liâ€“P(EO)n polymer electrolytes. Solid State Ionics, 2002, 147, 265-273. | 1.3 | 25 |
| 102 | Rechargeable lithium/hybrid-electrolyte/pyrite battery. Journal of Power Sources, 2002, 110, 152-162. | 4.0 | 47 |
| 103 | Highly conductive, oriented polymer electrolytes for lithium batteries. Polymers for Advanced Technologies, 2002, 13, 683-689. | 1.6 | 22 |
| 104 | The role of anion additives in the electrodeposition of nickelâ€“cobalt alloys from sulfamate electrolyte. Electrochimica Acta, 2002, 47, 2707-2714. | 2.6 | 130 |
| 105 | Simultaneous DTA-TG Study of Montmorillonite Mechanochemically Treated with Crystal-violet. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2002, 67, 99-112. | 1.4 | 24 |
| 106 | Fast Ion Transport Phenomena in Oriented Semicrystalline Liâˆ’P(EO)n-Based Polymer Electrolytes. Journal of Physical Chemistry A, 2001, 105, 10098-10106. | 1.1 | 64 |
| 107 | Effect of mild oxidation of natural graphite (NG7) on anode-electrolyte thermal reactions. Journal of Solid State Electrochemistry, 2001, 5, 81-87. | 1.2 | 10 |
| 108 | Composition, depth profiles and lateral distribution of materials in the SEI built on HOPG-TOF SIMS and XPS studies. Journal of Power Sources, 2001, 97-98, 52-57. | 4.0 | 230 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Development of a bipolar Li/composite polymer electrolyte/pyrite battery for electric vehicles. Journal of Power Sources, 2001, 97-98, 782-785. | 4.0 | 19 |
| 110 | Stretching-induced conductivity enhancement of LiÎ—¸(PEO)-polymer electrolyte. Electrochimica Acta, 2000, 45, 1431-1436. | 2.6 | 73 |
| 111 | Study of phase changes during 500 full cycles of Li/composite polymer electrolyte/FeS2 battery. Electrochimica Acta, 2000, 45, 1519-1525. | 2.6 | 79 |
| 112 | A new approach to the understanding of ion transport in semicrystalline polymer electrolytes. Journal of Electroanalytical Chemistry, 2000, 491, 203-210. | 1.9 | 34 |
| 113 | Lithium polymer electrolyte pyrite rechargeable battery: comparative characterization of natural pyrite from different sources as cathode material. Journal of Power Sources, 2000, 88, 206-218. | 4.0 | 41 |
| 114 | Study of Nickel-Cobalt Alloy Electrodeposition from a Sulfamate Electrolyte with Different Anion Additives. Journal of the Electrochemical Society, 2000, 147, 4156. | 1.3 | 73 |
| 115 | Uniaxial Stress Effects in Poly(ethylene oxide)-LiI Polymer Electrolyte Film: A [sup 7]Li Nuclear Magnetic Resonance Study. Electrochemical and Solid-State Letters, 1999, 2, 553. | 2.2 | 60 |
| 116 | X-ray absorption fine structure studies of FeS2 cathodes in lithium polymer electrolyte batteries. Journal of Power Sources, 1999, 81-82, 709-714. | 4.0 | 37 |
| 117 | Pyrite as cathode insertion material in rechargeable lithium/composite polymer electrolyte batteries. Electrochimica Acta, 1999, 45, 335-350. | 2.6 | 96 |
| 118 | Study of the High-Voltage Spike in Lithium/Polymer Electrolyte/Pyrite Rechargeable Batteries. Reviews in Analytical Chemistry, 1999, 18, . | 1.5 | 0 |
| 119 | Cathode Modification for Improved Performance of Rechargeable Lithiumâˆ•Composite Polymer Electrolyte-Pyrite Battery. Electrochemical and Solid-State Letters, 1999, 2, 115. | 2.2 | 46 |
| 120 | Charge and mass transport properties of LiI-P(EO)n-Al2O3-based composite polymer electrolytes. Electrochimica Acta, 1998, 43, 1315-1320. | 2.6 | 32 |
| 121 | Electrical, thermal and NMR investigation of composite solid electrolytes based on PEO, LiI and high surface area inorganic oxides. Electrochimica Acta, 1998, 43, 1557-1561. | 2.6 | 69 |
| 122 | Li/CPE/FeS2 rechargeable battery. Electrochimica Acta, 1998, 43, 1593-1599. | 2.6 | 80 |
| 123 | Lithium-7 NMR studies of concentrated LiI/PEO-based solid electrolytes. Solid State Ionics, 1998, 106, 25-32. | 1.3 | 70 |
| 124 | Bulk and interfacial ionic conduction in LiI/Al2O3 mixtures. Solid State Ionics, 1998, 113-115, 477-485. | 1.3 | 30 |
| 125 | An Advanced Tool for the Selection of Electrolyte Components for Rechargeable Lithium Batteries. Journal of the Electrochemical Society, 1998, 145, 3482-3486. | 1.3 | 211 |
| 126 | Advanced Model for Solid Electrolyte Interphase Electrodes in Liquid and Polymer Electrolytes. Journal of the Electrochemical Society, 1997, 144, L208-L210. | 1.3 | 892 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Conduction Mechanisms in Concentrated Liâ€Polyethylene Oxideâ€•Al2â€‰Oâ€‰3â€Based Solid Electrolytes. Journal of the Electrochemical Society, 1997, 144, 3484-3491. | 1.3 | 55 |
| 128 | Effect of plasticizers on the CPE conductivity and on the Li-CPE interface. Solid State Ionics, 1996, 85, 231-238. | 1.3 | 35 |
| 129 | The sei modelâ€”application to lithium-polymer electrolyte batteries. Electrochimica Acta, 1995, 40, 2197-2204. | 2.6 | 192 |
| 130 | Development and characterization of bipolar lithium composite polymer electrolyte (CPE)-FeS2 battery for applications in electric vehicles. Journal of Power Sources, 1995, 54, 496-500. | 4.0 | 40 |