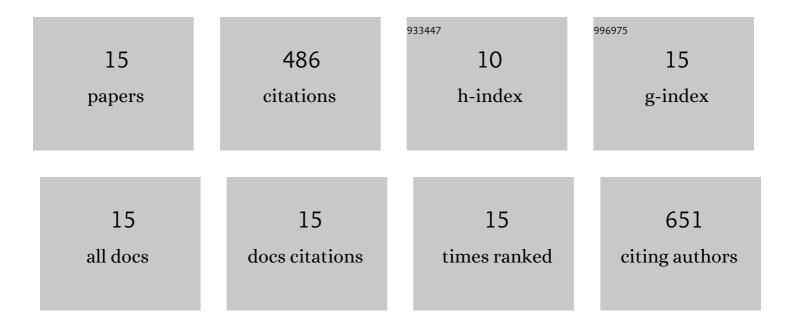
Witali Beichel

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Temperature Dependence of the Viscosity and Conductivity of Mildly Functionalized and Nonâ€Functionalized [Tf ₂ N] ^{â^'} Ionic Liquids. ChemPhysChem, 2011, 12, 2296-2310. | 2.1 | 85 |
| 2 | Is Universal, Simple Melting Point Prediction Possible?. ChemPhysChem, 2011, 12, 2959-2972. | 2.1 | 66 |
| 3 | Free volume in ionic liquids: a connection of experimentally accessible observables from PALS and PVT experiments with the molecular structure from XRD data. Physical Chemistry Chemical Physics, 2013, 15, 8821. | 2.8 | 64 |
| 4 | Size Matters! On the Way to Ionic Liquid Systems without Ion Pairing. Chemistry - A European Journal, 2014, 20, 9794-9804. | 3.3 | 47 |
| 5 | Free volume and phase transitions of 1-butyl-3-methylimidazolium based ionic liquids from positron lifetime spectroscopy. Physical Chemistry Chemical Physics, 2012, 14, 6856. | 2.8 | 42 |
| 6 | Establishing Consistent van der Waals Volumes of Polyatomic Ions from Crystal Structures. ChemPhysChem, 2013, 14, 3221-3226. | 2.1 | 39 |
| 7 | Empirical description and prediction of ionic liquids' properties with augmented volume-based thermodynamics. Journal of Molecular Liquids, 2014, 192, 3-8. | 4.9 | 35 |
| 8 | Lithium Bis(2,2,2-trifluoroethyl)phosphate Li[O ₂ P(OCH ₂ CF ₃) ₂]: A High Voltage Additive for LNMO/Graphite Cells. Journal of the Electrochemical Society, 2018, 165, A2569-A2576. | 2.9 | 33 |
| 9 | Towards 3D-lithium ion microbatteries based on silicon/graphite blend anodes using a dispenser printing technique. RSC Advances, 2020, 10, 22440-22448. | 3.6 | 22 |
| 10 | Rotational dependence of the proton-transfer reaction HBr++CO2→HOCO++Br. I. Energy versus angular momentum effects. Journal of Chemical Physics, 2010, 132, 174305. | 3.0 | 18 |
| 11 | Straightforward Synthesis of the BrÃ,nsted Acid hfipOSO ₃ H and its Application for the Synthesis of Protic Ionic Liquids. Angewandte Chemie - International Edition, 2014, 53, 6637-6640. | 13.8 | 11 |
| 12 | Estimation of Lattice Enthalpies of Ionic Liquids Supported by Hirshfeld Analysis. ChemPhysChem, 2015, 16, 2890-2898. | 2.1 | 9 |
| 13 | An Artificial SEI Layer Based on an Inorganic Coordination Polymer with Selfâ€Healing Ability for Longâ€Lived Rechargeable Lithiumâ€Metal Batteries. Batteries and Supercaps, 2022, 5, . | 4.7 | 8 |
| 14 | Simple Green Synthesis and Electrochemical Performance of a New Fluorinated Carbonate as Additive for Lithiumâ€lon Batteries. ChemElectroChem, 2018, 5, 1415-1420. | 3.4 | 5 |
| 15 | Perfluorinated <i>tert</i> â€Butoxides of Tin(II): The Dimeric Alkoxide and Its Monomeric Ate Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 301-308. | 1.2 | 2 |