

Witali Beichel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Artificial SEI Layer Based on an Inorganic Coordination Polymer with Self-Healing Ability for Long-Lived Rechargeable Lithium-Metal Batteries. Batteries and Supercaps, 2022, 5, .	4.7	8
2	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
3	Perfluorinated <i>tert</i> -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
4	Simple Green Synthesis and Electrochemical Performance of a New Fluorinated Carbonate as Additive for Lithium-Ion Batteries. ChemElectroChem, 2018, 5, 1415-1420.	3.4	5
5	Lithium Bis(2,2,2-trifluoroethyl)phosphate $\text{Li}[\text{O}(\text{CF}_2)_2\text{P}(\text{O})(\text{CF}_2)_2\text{O}]_2$: A High Voltage Additive for LNMO/Graphite Cells. Journal of the Electrochemical Society, 2018, 165, A2569-A2576.	2.9	33
6	Estimation of Lattice Enthalpies of Ionic Liquids Supported by Hirshfeld Analysis. ChemPhysChem, 2015, 16, 2890-2898.	2.1	9
7	Straightforward Synthesis of the Brønsted Acid $\text{H}(\text{p}(\text{OSO})_3\text{H})$ and its Application for the Synthesis of Protic Ionic Liquids. Angewandte Chemie - International Edition, 2014, 53, 6637-6640.	13.8	11
8	Size Matters! On the Way to Ionic Liquid Systems without Ion Pairing. Chemistry - A European Journal, 2014, 20, 9794-9804.	3.3	47
9	Empirical description and prediction of ionic liquids' properties with augmented volume-based thermodynamics. Journal of Molecular Liquids, 2014, 192, 3-8.	4.9	35
10	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
11	Establishing Consistent van der Waals Volumes of Polyatomic Ions from Crystal Structures. ChemPhysChem, 2013, 14, 3221-3226.	2.1	39
12	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
13	Temperature Dependence of the Viscosity and Conductivity of Mildly Functionalized and Non-Functionalized $[\text{Tf}_2\text{N}]^+$ Ionic Liquids. ChemPhysChem, 2011, 12, 2296-2310.	2.1	85
14	Is Universal, Simple Melting Point Prediction Possible?. ChemPhysChem, 2011, 12, 2959-2972.	2.1	66
15	Rotational dependence of the proton-transfer reaction $\text{HBr} + \text{CO}_2 \rightleftharpoons \text{HOCO} + \text{Br}$. I. Energy versus angular momentum effects. Journal of Chemical Physics, 2010, 132, 174305.	3.0	18