

Witali Beichel

List of Publications by Year in descending order

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651
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature Dependence of the Viscosity and Conductivity of Mildly Functionalized and Nonfunctionalized [Tf ₂ N] ⁺ 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+CO ₂ →HOCO+Br. I. Energy versus angular momentum effects. Journal of Chemical Physics, 2010, 132, 174305.	3.0	18
11	Straightforward Synthesis of the Brønsted 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 Self-Healing Ability for Long-Lived Rechargeable Lithium-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 Lithium-Ion Batteries. ChemElectroChem, 2018, 5, 1415-1420.	3.4	5
15	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