

Juan Araque

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4740180/publications.pdf>

Version: 2024-02-01

17
papers

913
citations

706676

14
h-index

993246

17
g-index

17
all docs

17
docs citations

17
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Ether tails make a large difference for the structural dynamics of imidazolium-based ionic liquids. <i>Journal of Ionic Liquids</i> , 2022, 2, 100012.	1.0	5
2	Relationship between the Relaxation of Ionic Liquid Structural Motifs and That of the Shear Viscosity. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6264-6271.	1.2	11
3	A Pictorial View of Viscosity in Ionic Liquids and the Link to Nanostructural Heterogeneity. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2062-2066.	2.1	36
4	In an ionic liquid, high local friction is determined by the proximity to the charge network. <i>Journal of Chemical Physics</i> , 2018, 149, 144503.	1.2	20
5	Communication: Stiff and soft nano-environments and the "Octopus Effect" are the crux of ionic liquid structural and dynamical heterogeneity. <i>Journal of Chemical Physics</i> , 2017, 147, 061102.	1.2	28
6	Communication: Nanoscale structure of tetradecyltrihexylphosphonium based ionic liquids. <i>Journal of Chemical Physics</i> , 2016, 144, 121102.	1.2	44
7	Lattice model of oligonucleotide hybridization in solution. II. Specificity and cooperativity. <i>Journal of Chemical Physics</i> , 2016, 144, 125101.	1.2	9
8	A link between structure, diffusion and rotations of hydrogen bonding tracers in ionic liquids. <i>Journal of Chemical Physics</i> , 2016, 144, 204504.	1.2	36
9	Rotational Dynamics in Ionic Liquids from NMR Relaxation Experiments and Simulations: Benzene and 1-Ethyl-3-Methylimidazolium. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9450-9467.	1.2	31
10	Ionic liquids "Conventional solvent mixtures, structurally different but dynamically similar. <i>Journal of Chemical Physics</i> , 2015, 143, 134505.	1.2	33
11	Modern Room Temperature Ionic Liquids, a Simple Guide to Understanding Their Structure and How It May Relate to Dynamics. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12727-12740.	1.2	266
12	How Is Diffusion of Neutral and Charged Tracers Related to the Structure and Dynamics of a Room-Temperature Ionic Liquid? Large Deviations from Stokes-Einstein Behavior Explained. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7015-7029.	1.2	158
13	Bicontinuity and Multiple Length Scale Ordering in Triphasic Hydrogen-Bonding Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12706-12716.	1.2	69
14	Molecular Dynamics of Equilibrium and Pressure-Driven Transport Properties of Water through LTA-Type Zeolites. <i>Langmuir</i> , 2013, 29, 12389-12399.	1.6	62
15	A theoretical and simulation study of the self-assembly of a binary blend of diblock copolymers. <i>Journal of Chemical Physics</i> , 2012, 136, 234905.	1.2	18
16	Lattice model of oligonucleotide hybridization in solution. I. Model and thermodynamics. <i>Journal of Chemical Physics</i> , 2011, 134, 165103.	1.2	20
17	Transition path sampling and forward flux sampling. Applications to biological systems. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 333101.	0.7	67