Juan Araque

List of Publications by Year
in descending order

17	913	623734	888059
papers	citations	14 h-index	17 g-index

17	17	17	1095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ether tails make a large difference for the structural dynamics of imidazolium-based ionic liquids. Journal of Ionic Liquids, 2022, 2, 100012.	2.7	5
2	Relationship between the Relaxation of Ionic Liquid Structural Motifs and That of the Shear Viscosity. Journal of Physical Chemistry B, 2021, 125, 6264-6271.	2.6	11
3	A Pictorial View of Viscosity in Ionic Liquids and the Link to Nanostructural Heterogeneity. Journal of Physical Chemistry Letters, 2020, 11, 2062-2066.	4.6	36
4	In an ionic liquid, high local friction is determined by the proximity to the charge network. Journal of Chemical Physics, 2018, 149, 144503.	3.0	20
5	Communication: Stiff and soft nano-environments and the â€œOctopus Effectâ€•are the crux of ionic liquid structural and dynamical heterogeneity. Journal of Chemical Physics, 2017, 147, 061102.	3.0	28
6	Communication: Nanoscale structure of tetradecyltrihexylphosphonium based ionic liquids. Journal of Chemical Physics, 2016, 144, 121102.	3.0	44
7	Lattice model of oligonucleotide hybridization in solution. II. Specificity and cooperativity. Journal of Chemical Physics, 2016, 144, 125101.	3.0	9
8	A link between structure, diffusion and rotations of hydrogen bonding tracers in ionic liquids. Journal of Chemical Physics, 2016, 144, 204504.	3.0	36
9	Rotational Dynamics in Ionic Liquids from NMR Relaxation Experiments and Simulations: Benzene and 1-Ethyl-3-Methylimidazolium. Journal of Physical Chemistry B, 2016, 120, 9450-9467.	2.6	31
10	Ionic liquidsâ€”Conventional solvent mixtures, structurally different but dynamically similar. Journal of Chemical Physics, 2015, 143, 134505.	3.0	33
11	Modern Room Temperature Ionic Liquids, a Simple Guide to Understanding Their Structure and How It May Relate to Dynamics. Journal of Physical Chemistry B, 2015, 119, 12727-12740.	2.6	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 Stokesâ€“Einstein Behavior Explained. Journal of Physical Chemistry B, 2015, 119, 7015-7029.	2.6	158
13	Bicontinuity and Multiple Length Scale Ordering in Triphilic Hydrogen-Bonding Ionic Liquids. Journal of Physical Chemistry B, 2014, 118, 12706-12716.	2.6	69
14	Molecular Dynamics of Equilibrium and Pressure-Driven Transport Properties of Water through LTA-Type Zeolites. Langmuir, 2013, 29, 12389-12399.	3.5	62
15	A theoretical and simulation study of the self-assembly of a binary blend of diblock copolymers. Journal of Chemical Physics, 2012, 136, 234905.	3.0	18
16	Lattice model of oligonucleotide hybridization in solution. I. Model and thermodynamics. Journal of Chemical Physics, 2011, 134, 165103.	3.0	20
17	Transition path sampling and forward flux sampling. Applications to biological systems. Journal of Physics Condensed Matter, 2009, 21, 333101.	1.8	67