

Tristan G A Youngs

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,286
citations

759233

12
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1697
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Solvation in Ionic Liquids. <i>Accounts of Chemical Research</i> , 2007, 40, 1146-1155.	15.6	314
2	Small angle neutron scattering from 1-alkyl-3-methylimidazolium hexafluorophosphate ionic liquids ([Cnmim][PF ₆], n=4, 6, and 8). <i>Journal of Chemical Physics</i> , 2010, 133, 074510.	3.0	273
3	Application of Static Charge Transfer within an Ionic Liquid Force Field and Its Effect on Structure and Dynamics. <i>ChemPhysChem</i> , 2008, 9, 1548-1558.	2.1	190
4	Neutron diffraction, NMR and molecular dynamics study of glucose dissolved in the ionic liquid 1-ethyl-3-methylimidazolium acetate. <i>Chemical Science</i> , 2011, 2, 1594.	7.4	121
5	A Molecular Dynamics Study of Glucose Solvation in the Ionic Liquid 1,3-Dimethylimidazolium Chloride. <i>ChemPhysChem</i> , 2006, 7, 2279-2281.	2.1	115
6	Development of Complex Classical Force Fields through Force Matching to ab Initio Data: Application to a Room-Temperature Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5697-5707.	2.6	62
7	Neutron Scattering of Aromatic and Aliphatic Liquids. <i>ChemPhysChem</i> , 2016, 17, 2043-2055.	2.1	41
8	Structure and dynamics of aqueous 2-propanol: a THz-TDS, NMR and neutron diffraction study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 30481-30491.	2.8	29
9	Micrometer-sized Water Ice Particles for Planetary Science Experiments: Influence of Surface Structure on Collisional Properties. <i>Astrophysical Journal</i> , 2017, 848, 96.	4.5	25
10	Probing chemistry and kinetics of reactions in heterogeneous catalysts. <i>Chemical Science</i> , 2013, 4, 3484.	7.4	21
11	Confinement Effects on the Benzene Orientational Structure. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4565-4570.	13.8	21
12	Dissolve: next generation software for the interrogation of total scattering data by empirical potential generation. <i>Molecular Physics</i> , 2019, 117, 3464-3477.	1.7	17
13	Solvation Structure of Uracil in Ionic Liquids. <i>ChemPhysChem</i> , 2016, 17, 3923-3931.	2.1	11
14	The Structure of Ethylbenzene, Styrene and Phenylacetylene Determined by Total Neutron Scattering. <i>ChemPhysChem</i> , 2017, 18, 2541-2548.	2.1	10
15	Phase behaviour and thermodynamics: general discussion. <i>Faraday Discussions</i> , 2017, 206, 113-139.	3.2	8
16	An integrated total neutron scattering "NMR" approach for the study of heterogeneous catalysis. <i>Chemical Communications</i> , 2018, 54, 10191-10194.	4.1	8
17	Determination of toluene hydrogenation kinetics with neutron diffraction. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17237-17243.	2.8	7
18	Bulk and Confined Benzene-Cyclohexane Mixtures Studied by an Integrated Total Neutron Scattering and NMR Method. <i>Topics in Catalysis</i> , 2021, 64, 722-734.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Confinement Effects on the Benzene Orientational Structure. <i>Angewandte Chemie</i> , 2018, 130, 4655-4660.	2.0	3
20	Monitoring the CO ₂ enhanced oil recovery process at the nanoscale: an <i>in situ</i> neutron scattering study. <i>Energy Advances</i> , 2022, 1, 67-75.	3.3	2
21	Effect of hydrophobic nanopatches within an ionic surface on the structure of liquids. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 582-585.	2.8	1
22	Solution structure of propane and propene dissolved in the ionic liquid 1-butyl-3-methylimidazolium <i>bis</i> [(trifluoromethyl)sulfonyl]imide from neutron diffraction with H/D substitution and empirical potential structure refinement modelling. <i>Molecular Physics</i> , 2019, 117, 3364-3375.	1.7	1