Tristan G A Youngs

List of Publications by Year
in descending order

22	1,286	759233 12	713466 21
papers	citations	h-index	g-index

23	23	23	1697
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring the CO₂ enhanced oil recovery process at the nanoscale: an in situ neutron scattering study. Energy Advances, 2022, 1, 67-75.	3.3	2
2	Bulk and Confined Benzene-Cyclohexane Mixtures Studied by an Integrated Total Neutron Scattering and NMR Method. Topics in Catalysis, 2021, 64, 722-734.	2.8	6
3	Solution structure of propane and propene dissolved in the ionic liquid 1-butyl-3-methylimidazolium bis{(trifluoromethyl)sulfonyl}imide from neutron diffraction with H/D substitution and empirical potential structure refinement modelling. Molecular Physics, 2019, 117, 3364-3375.	1.7	1
4	Dissolve: next generation software for the interrogation of total scattering data by empirical potential generation. Molecular Physics, 2019, 117, 3464-3477.	1.7	17
5	Confinement Effects on the Benzene Orientational Structure. Angewandte Chemie - International Edition, 2018, 57, 4565-4570.	13.8	21
6	Confinement Effects on the Benzene Orientational Structure. Angewandte Chemie, 2018, 130, 4655-4660.	2.0	3
7	An integrated total neutron scattering â€“ NMR approach for the study of heterogeneous catalysis. Chemical Communications, 2018, 54, 10191-10194.	4.1	8
8	The Structure of Ethylbenzene, Styrene and Phenylacetylene Determined by Total Neutron Scattering. ChemPhysChem, 2017, 18, 2541-2548.	2.1	10
9	Micrometer-sized Water Ice Particles for Planetary Science Experiments: Influence of Surface Structure on Collisional Properties. Astrophysical Journal, 2017, 848, 96.	4.5	25
10	Phase behaviour and thermodynamics: general discussion. Faraday Discussions, 2017, 206, 113-139.	3.2	8
11	Neutron Scattering of Aromatic and Aliphatic Liquids. ChemPhysChem, 2016, 17, 2043-2055.	2.1	41
12	Determination of toluene hydrogenation kinetics with neutron diffraction. Physical Chemistry Chemical Physics, 2016, 18, 17237-17243.	2.8	7
13	Solvation Structure of Uracil in Ionic Liquids. ChemPhysChem, 2016, 17, 3923-3931.	2.1	11
14	Structure and dynamics of aqueous 2-propanol: a THz-TDS, NMR and neutron diffraction study. Physical Chemistry Chemical Physics, 2015, 17, 30481-30491.	2.8	29
15	Probing chemistry and kinetics of reactions in heterogeneous catalysts. Chemical Science, 2013, 4, 3484.	7.4	21
16	Effect of hydrophobic nanopatches within an ionic surface on the structure of liquids. Physical Chemistry Chemical Physics, 2011, 13, 582-585.	2.8	1
17	Neutron diffraction, NMR and molecular dynamics study of glucose dissolved in the ionic liquid 1-ethyl-3-methylimidazolium acetate. Chemical Science, 2011, 2, 1594.	7.4	121
18	Small angle neutron scattering from 1-alkyl-3-methylimidazolium hexafluorophosphate ionic liquids ([Cnmim][PF6], n=4, 6, and 8). Journal of Chemical Physics, 2010, 133, 074510.	3.0	273

#	Article	IF	Citations
19	Application of Static Charge Transfer within an Ionicâ€Liquid Force Field and Its Effect on Structure and Dynamics. ChemPhysChem, 2008, 9, 1548-1558.	2.1	190
20	Structure and Solvation in Ionic Liquids. Accounts of Chemical Research, 2007, 40, 1146-1155.	15.6	314
21	Development of Complex Classical Force Fields through Force Matching to ab Initio Data:Â Application to a Room-Temperature Ionic Liquid. Journal of Physical Chemistry B, 2006, 110, 5697-5707.	2.6	62
22	A Molecular Dynamics Study of Glucose Solvation in the Ionic Liquid 1,3-Dimethylimidazolium Chloride. ChemPhysChem, 2006, 7, 2279-2281.	2.1	115