Mark T F Telling

List of Publications by Year
in descending order

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29	678	623734	552781
papers	citations	14	26
		h-index	g-index

29	29	29	1135
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding the Temperatureâ€Responsive Selfâ€Assemblies of Amphiphilic Random Copolymers by SANS in D 2 O Solution. Macromolecular Chemistry and Physics, 2021, 222, 2000447.	2.2	6
2	Ammonia Storage in Hydrogen Bond-Rich Microporous Polymers. ACS Applied Materials & Interfaces, 2020, 12, 58161-58169.	8.0	9
3	Two-dimensional spin liquid behaviour in the triangular-honeycomb antiferromagnet TbInO3. Nature Physics, 2019, 15, 262-268.	16.7	47
4	Materialization of a Geometrically Frustrated Magnet in a Hybrid Coordination Framework: A Study of the Iron(II) Oxalate Fluoride Framework, KFe(C2O4)F. Inorganic Chemistry, 2019, 58, 11971-11977.	4.0	11
5	Nanoscale Mobility of Aqueous Polyacrylic Acid in Dental Restorative Cements. ACS Applied Materials & Interfaces, 2018, 10, 9904-9915.	8.0	23
6	Effect of Chain Length and Topological Constraints on Segmental Relaxation in Cyclic PDMS. Macromolecules, 2018, 51, 7209-7223.	4.8	14
7	Prolate and Temperatureâ€Responsive Selfâ€Assemblies of Amphiphilic Random Copolymers with Perfluoroalkyl and Polyoxyethylene Side Chains in Solution. Macromolecular Chemistry and Physics, 2018, 219, 1800210.	2.2	11
8	How mobile are protons in the structure of dental glass ionomer cements?. Scientific Reports, 2015, 5, 8972.	3.3	27
9	Thermoresponsive and Biodegradable Dextran Based Microgels: Synthesis and Structural Investigation. Macromolecular Symposia, 2013, 329, 27-34.	0.7	1
10	Molar Mass Dependence of Polyethylene Chain Dynamics. A Quasi-Elastic Neutron Scattering Investigation. Macromolecules, 2013, 46, 216-225.	4.8	9
11	Nano-scale hydrogen-bond network improves the durability of greener cements. Scientific Reports, 2013, 3, 2667.	3.3	37
12	Lyophilised protein dynamics: more than just methyls?. Soft Matter, 2012, 8, 9529.	2.7	11
13	Biodegradable dextran based microgels: a study on network associated water diffusion and enzymatic degradation. Soft Matter, 2012, 8, 2494.	2.7	19
14	Thermal motion in the multi-subunit protein, apoferritin, as probed by high energy resolution neutron spectroscopy. Soft Matter, 2011, 7, 6934.	2.7	7
15	In situ powder neutron diffraction study of non-stoichiometric phase formation during the hydrogenation of Li3N. Faraday Discussions, 2011, 151, 263.	3.2	12
16	Polymer and Water Dynamics in Poly(vinyl alcohol)/Poly(methacrylate) Networks. A Molecular Dynamics Simulation and Incoherent Neutron Scattering Investigation. Polymers, 2011, 3, 1805-1832.	4.5	21
17	Structure and Dynamics of a Thermoresponsive Microgel around Its Volume Phase Transition Temperature. Journal of Physical Chemistry B, 2010, 114, 10285-10293.	2.6	29
18	Pressure-dependent deuterium reaction pathways in the Liâ€“Nâ€“D system. Physical Chemistry Chemical Physics, 2010, 12, 2089.	2.8	26

#	Article	IF	Citations
19	Crystal Structures and Glassy Phase Transition Behavior of Cyclohexene. Crystal Growth and Design, 2008, 8, 512-518.	3.0	20
20	Fast and Slow Dynamics of Isotactic Polypropylene Melts. Macromolecules, 2008, 41, 1560-1564.	4.8	8
21	Quasi-Elastic Neutron Scattering Studies on Clay Interlayer-Space Highlighting the Effect of the Cation in Confined Water Dynamics. Journal of Physical Chemistry C, 2008, 112, 13982-13991.	3.1	87
22	Anharmonic Behavior in the Multisubunit Protein Apoferritin as Revealed by Quasi-Elastic Neutron Scattering. Journal of Physical Chemistry B, 2008, 112, 10873-10878.	2.6	8
23	Thermodynamic Investigation ofn-Hexane Thin Films Adsorbed on Magnesium Oxide. Langmuir, 2006, 22, 7203-7207.	3.5	10
24	Structure determination and phase transition behaviour of dimethyl sulfate. Acta Crystallographica Section B: Structural Science, 2006, 62, 280-286.	1.8	5
25	Stochastic molecular motions in the nematic, smectic-A, and solid phases ofp,pâ€²-di-n-heptyl-azoxybenzene as seen by quasielastic neutron scattering andC13cross-polarization magic-angle-spinning NMR. Physical Review E, 2006, 73, 051704.	2.1	6
26	Spectroscopic characteristics of the OSIRIS near-backscattering crystal analyser spectrometer on the ISIS pulsed neutron source. Physical Chemistry Chemical Physics, 2005, 7, 1255-1261.	2.8	116
27	Supercooled Water in PVA Matrixes:Â I. An Incoherent Quasi-Elastic Neutron Scattering (QENS) Study. Journal of Physical Chemistry B, 2003, 107, 8363-8371.	2.6	39
28	A Unified Picture of the Local Dynamics of Poly(dimethylsiloxane) across the Melting Point. Macromolecules, 2003, 36, 8738-8748.	4.8	33
29	Effect of tacticity on the local dynamics of polypropylene melts. Journal of Chemical Physics, 2003, 119, 1271-1278.	3.0	26