

Scott Southern

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	NMR Investigations of Noncovalent Carbon Tetrel Bonds. Computational Assessment and Initial Experimental Observation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11891-11899.	2.5	88
2	Understanding the structural origin of crystalline phase transformations in nepheline (NaAlSiO ₄) ^z -based glass-ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2859-2878.	3.8	40
3	The role of solid-state nuclear magnetic resonance in crystal engineering. <i>CrystEngComm</i> , 2016, 18, 5236-5252.	2.6	32
4	Prospects for ²⁰⁷ Pb solid-state NMR studies of lead tetrel bonds. <i>Faraday Discussions</i> , 2017, 203, 165-186.	3.2	31
5	From discrete molecule, to polymer, to MOF: mapping the coordination chemistry of Cd ^{II} using ¹¹³ Cd solid-state NMR. <i>Chemical Communications</i> , 2016, 52, 10680-10683.	4.1	18
6	New Experimental Insight into the Nature of Metal [~] Metal Bonds in Digallium Compounds: <i>J</i> Coupling between Quadrupolar Nuclei. <i>Chemistry - A European Journal</i> , 2016, 22, 9565-9573.	3.3	14
7	Methyl-Driven Overhauser Dynamic Nuclear Polarization. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 4000-4006.	4.6	13
8	Recent advances in NMR crystallography and polymorphism. <i>Annual Reports on NMR Spectroscopy</i> , 2021, 102, 1-80.	1.5	11
9	Experimental ¹³ C and ¹ H Solid-State NMR Response in Weakly Tetrel-Bonded Methyl Groups. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2111-2123.	3.1	10
10	NMR Response of the Tetrel Bond Donor. <i>Journal of Physical Chemistry C</i> , 2022, 126, 851-865.	3.1	10
11	Multinuclear solid-state magnetic resonance study of oxo-bridged diniobium and quadruply-bonded dimolybdenum carboxylate clusters. <i>Solid State Nuclear Magnetic Resonance</i> , 2017, 84, 20-27.	2.3	7
12	Beyond the halogen bond: general discussion. <i>Faraday Discussions</i> , 2017, 203, 227-244.	3.2	2