

# Andrew S Tatton

## List of Publications by Year in descending order

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11  
papers

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1039406

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11  
times ranked

584  
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#	ARTICLE	IF	CITATIONS
1	The partial dehydrogenation of aluminium dihydrides. <i>Chemical Science</i> , 2019, 10, 8083-8093.	3.7	11
2	Porphyrin-based hybrid silica-titania as a visible-light photocatalyst. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 373, 66-76.	2.0	30
3	Improving Confidence in Crystal Structure Solutions Using NMR Crystallography: The Case of $\beta$ -Piroxicam. <i>Crystal Growth and Design</i> , 2018, 18, 3339-3351.	1.4	34
4	Influence of the Method of Aqueous Synthesis and the Nature of the Silicon Precursor on the Physicochemical Properties of Porous Alumina. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1678-1689.	1.0	4
5	Investigation of a suitable in vitro dissolution test for itraconazole-based solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 85, 94-105.	1.9	45
6	Probing Hydrogen Bonding in Cocrystals and Amorphous Dispersions Using $^{14}\text{N}$ - $^1\text{H}$ HMQC Solid-State NMR. <i>Molecular Pharmaceutics</i> , 2013, 10, 999-1007.	2.3	119
7	Unexpected effects of third-order cross-terms in heteronuclear spin systems under simultaneous radio-frequency irradiation and magic-angle spinning NMR. <i>Journal of Chemical Physics</i> , 2012, 136, 084503.	1.2	7
8	Probing intermolecular interactions and nitrogen protonation in pharmaceuticals by novel $^{15}\text{N}$ -edited and 2D $^{14}\text{N}$ - $^1\text{H}$ solid-state NMR. <i>CrystEngComm</i> , 2012, 14, 2654.	1.3	85
9	$^{14}\text{N}$ - $^1\text{H}$ Heteronuclear Multiple-Quantum Correlation Magic-Angle Spinning NMR Spectroscopy of Organic Solids. <i>Zeitschrift Fur Physikalische Chemie</i> , 2012, 226, 1187-1204.	1.4	27
10	Nanodiamond Promotes Surfactant-Mediated Triglyceride Removal from a Hydrophobic Surface at or below Room Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3225-3232.	4.0	17
11	Identifying Guanosine Self Assembly at Natural Isotopic Abundance by High-Resolution $^1\text{H}$ and $^{13}\text{C}$ Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2011, 133, 19777-19795.	6.6	72