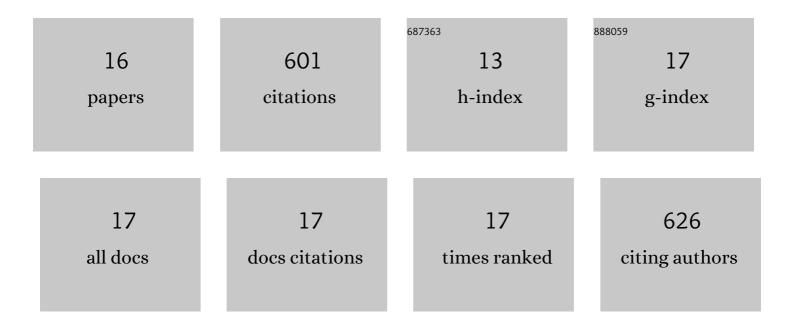
Andrew J Parrott

List of Publications by Year in descending order

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ANDREW L PARROTT

#	Article	IF	CITATIONS
1	Calibration model transfer in mid-infrared process analysis with <i>in situ</i> attenuated total reflectance immersion probes. Analytical Methods, 2022, 14, 1889-1896.	2.7	9
2	Lowâ€Field Highâ€Resolution PFGâ€NMR to Predict the Size Distribution of Inner Droplets in Double Emulsions. European Journal of Lipid Science and Technology, 2021, 123, 2000193.	1.5	2
3	Biobased Epoxy Thermoset Polymers from Depolymerized Native Hardwood Lignin. ACS Macro Letters, 2020, 9, 1155-1160.	4.8	52
4	Reaction Monitoring Using SABRE-Hyperpolarized Benchtop (1 T) NMR Spectroscopy. Analytical Chemistry, 2019, 91, 6695-6701.	6.5	39
5	A simple handâ€held magnet array for efficient and reproducible <scp>SABRE</scp> hyperpolarisation using manual sample shaking. Magnetic Resonance in Chemistry, 2018, 56, 641-650.	1.9	18
6	Quantification of hyperpolarisation efficiency in SABRE and SABRE-Relay enhanced NMR spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 26362-26371.	2.8	31
7	Quantitative In Situ Monitoring of Parahydrogen Fraction Using Raman Spectroscopy. Applied Spectroscopy, 2018, 73, 000370281879864.	2.2	6
8	SABRE hyperpolarization enables high-sensitivity ¹ H and ¹³ C benchtop NMR spectroscopy. Analyst, The, 2018, 143, 3442-3450.	3.5	49
9	Measurement of the vapour–liquid equilibrium of binary and ternary mixtures of CO2, N2 and H2, systems which are of relevance to CCS technology. International Journal of Greenhouse Gas Control, 2015, 41, 68-81.	4.6	28
10	New phase equilibrium analyzer for determination of the vapor-liquid equilibrium of carbon dioxide and permanent gas mixtures for carbon capture and storage. Review of Scientific Instruments, 2014, 85, 085110.	1.3	7
11	Real-Time Feedback Control Using Online Attenuated Total Reflection Fourier Transform Infrared (ATR) Tj ETQq1 2013, 67, 1127-1131.	1 0.78431 2.2	l4 rgBT /Ove 62
12	The Effect of Self-Optimisation Targets on the Methylation of Alcohols Using Dimethyl Carbonate in Supercritical CO ₂ . Journal of Flow Chemistry, 2012, 2, 24-27.	1.9	41
13	Adaptive Process Optimization for Continuous Methylation of Alcohols in Supercritical Carbon Dioxide. Organic Process Research and Development, 2011, 15, 932-938.	2.7	58
14	Selfâ€Optimizing Continuous Reactions in Supercritical Carbon Dioxide. Angewandte Chemie - International Edition, 2011, 50, 3788-3792.	13.8	113
15	Continuous Acid-Catalyzed Methylations in Supercritical Carbon Dioxide: Comparison of Methanol, Dimethyl Ether and Dimethyl Carbonate as Methylating Agents. Organic Process Research and Development, 2010, 14, 411-416.	2.7	49
16	The Continuous Acid-Catalysed Etherification of Aliphatic Alcohols Using Stoichiometric Quantities of Dialkyl Carbonates. Organic Process Research and Development, 2010, 14, 1420-1426.	2.7	21