Ben M Alston

List of Publications by Year
in descending order

13	1,308	687363 13	1125743 13
papers	citations	h-index	g-index

13	13	13	2110
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A mobile robotic chemist. Nature, 2020, 583, 237-241.	27.8	645
2	Porosity-engineered carbons for supercapacitive energy storage using conjugated microporous polymer precursors. Journal of Materials Chemistry A, 2016, 4, 7665-7673.	10.3	126
3	Maximising the hydrogen evolution activity in organic photocatalysts by co-polymerisation. Journal of Materials Chemistry A, 2018, 6, 11994-12003.	10.3	93
4	Electrochemically-triggered spatially and temporally resolved multi-component gels. Materials Horizons, 2014, 1, 241-246.	12.2	78
5	Accelerated robotic discovery of type II porous liquids. Chemical Science, 2019, 10, 9454-9465.	7.4	70
6	Computationally-Guided Synthetic Control over Pore Size in Isostructural Porous Organic Cages. ACS Central Science, 2017, 3, 734-742.	11.3	68
7	Mining predicted crystal structure landscapes with high throughput crystallisation: old molecules, new insights. Chemical Science, 2019, 10, 9988-9997.	7.4	61
8	From Concept to Crystals via Prediction: Multiâ€Component Organic Cage Pots by Social Selfâ€Sorting. Angewandte Chemie - International Edition, 2019, 58, 16275-16281.	13.8	52
9	Computationally-inspired discovery of an unsymmetrical porous organic cage. Nanoscale, 2018, 10, 22381-22388.	5.6	34
10	Polymerization of low molecular weight hydrogelators to form electrochromic polymers. Chemical Communications, 2015, 51, 10427-10430.	4.1	24
11	From Concept to Crystals via Prediction: Multiâ€Component Organic Cage Pots by Social Selfâ€Sorting. Angewandte Chemie, 2019, 131, 16421-16427.	2.0	23
12	Novel Lipophilic Probe for Detecting Near-Membrane Reactive Oxygen Species Responses and Its Application for Studies of Pancreatic Acinar Cells: Effects of Pyocyanin and L-Ornithine. Antioxidants and Redox Signaling, 2015, 22, 451-464.	5.4	19
13	Functionalised microscale nanoband edge electrode (MNEE) arrays: the systematic quantitative study of hydrogels grown on nanoelectrode biosensor arrays for enhanced sensing in biological media. Faraday Discussions, 2018, 210, 201-217.	3.2	15