

# Ben M Alston

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1559743/publications.pdf>

Version: 2024-02-01

13  
papers

1,308  
citations

687363

13  
h-index

1125743

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g-index

13  
all docs

13  
docs citations

13  
times ranked

2110  
citing authors

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