Robin J Blagg

List of Publications by Citations

20 papers	1,543 citations	13 h-index	21 g-index
21 ext. papers	1,611 ext. citations	7.1 avg, IF	4.2 L-index

#	Paper	IF	Citations
20	Magnetic relaxation pathways in lanthanide single-molecule magnets. *Nature Chemistry*, **2013**, 5, 673-8	17.6	583
19	Single pyramid magnets: Dy5 pyramids with slow magnetic relaxation to 40 K. *Angewandte Chemie - International Edition*, **2011**, 50, 6530-3	16.4	442
18	Pentametallic lanthanide-alkoxide square-based pyramids: high energy barrier for thermal relaxation in a holmium single molecule magnet. *Chemical Communications*, **2011**, 47, 10587-9	5.8	135
17	Redox activation of a B-H bond: a new route to metallaboratrane complexes. *Chemical Communications*, **2006**, 2350-2	5.8	81
16	Single Pyramid Magnets: Dy5 Pyramids with Slow Magnetic Relaxation to 40 K. *Angewandte Chemie*, **2011**, 123, 6660-6663	3.6	70
15	Novel B(ArF)2(ArF') hetero-tri(aryl)boranes: a systematic study of Lewis acidity. *Dalton Transactions*, **2016**, 45, 6032-43	4.3	34
14	Magnetic cooling at a single molecule level: a spectroscopic investigation of isolated molecules on a surface. *Advanced Materials*, **2013**, 25, 2816-20	24	31
13	A novel route to rhodaboratranes [Rh(CO)(PR3){B(taz)3}]+ via the redox activation of scorpionate complexes [RhLLTt]. *Dalton Transactions*, **2009**, 8724-36	4.3	30
12	Exploring structural and electronic effects in three isomers of tris{bis(trifluoromethyl)phenyl}borane: towards the combined electrochemical-frustrated Lewis pair activation of H2. *Dalton Transactions*, **2016**, 45, 6023-31	4.3	29
11	Metal-free electrocatalytic hydrogen oxidation using frustrated Lewis pairs and carbon-based Lewis acids. *Chemical Science*, **2016**, 7, 2537-2543	9.4	21
10	"Janus" Calixarenes: Double-Sided Molecular Linkers for Facile, Multianchor Point, Multifunctional, Surface Modification. *Langmuir*, **2016**, 32, 7806-13	4	18
9	Isomerism in rhodium(I) N,S-donor heteroscorpionates: ring substituent and ancillary ligand effects. *Dalton Transactions*, **2010**, 39, 11616-27	4.3	15
8	Photochemical Reactions of Fluorinated Pyridines at Half-Sandwich Rhodium Complexes: Competing Pathways of Reaction. *Organometallics*, **2014**, 33, 45-52	3.8	13
7	A combined "electrochemical-frustrated lewis pair" approach to hydrogen activation: surface catalytic effects at platinum electrodes. *Chemistry - A European Journal*, **2015**, 21, 900-6	4.8	12
6	A New Mode of Chemical Reactivity for Metal-Free Hydrogen Activation by Lewis Acidic Boranes. *Angewandte Chemie - International Edition*, **2019**, 58, 8362-8366	16.4	11
5	H2 activation using the first 1 : 1 : 1 hetero-tri(aryl)borane. *RSC Advances*, **2016**, 6, 42421-42427	3.7	10
4	Synthesis and characterization of redox active cyrhetrene-triazole click products. *Journal of Organometallic Chemistry*, **2014**, 770, 29-34	2.3	6

List of Publications

3	The oxidative conversion of the N,S-bridged complexes [{RhLL'(EX)}2] to [(RhLL')3(EX)2]+ (X = mt or taz): a comparison with the oxidation of N,N-bridged analogues. *Dalton Transactions*, **2011**, 40, 11497-510	4.2	1
2	Preliminary demonstration of benchtop NMR metabolic profiling of feline urine: chronic kidney disease as a case study.. *BMC Research Notes*, **2021**, 14, 469	2.3	1
1	A New Mode of Chemical Reactivity for Metal-Free Hydrogen Activation by Lewis Acidic Boranes. *Angewandte Chemie*, **2019**, 131, 8450	3.6	