

Robin J Blagg

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Preliminary demonstration of benchtop NMR metabolic profiling of feline urine: chronic kidney disease as a case study.. <i>BMC Research Notes</i> , 2021 , 14, 469	2.3	1
19	A New Mode of Chemical Reactivity for Metal-Free Hydrogen Activation by Lewis Acidic Boranes. <i>Angewandte Chemie</i> , 2019 , 131, 8450	3.6	
18	A New Mode of Chemical Reactivity for Metal-Free Hydrogen Activation by Lewis Acidic Boranes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8362-8366	16.4	11
17	"Janus" Calixarenes: Double-Sided Molecular Linkers for Facile, Multianchor Point, Multifunctional, Surface Modification. <i>Langmuir</i> , 2016 , 32, 7806-13	4	18
16	Metal-free electrocatalytic hydrogen oxidation using frustrated Lewis pairs and carbon-based Lewis acids. <i>Chemical Science</i> , 2016 , 7, 2537-2543	9.4	21
15	Exploring structural and electronic effects in three isomers of tris{bis(trifluoromethyl)phenyl}borane: towards the combined electrochemical-frustrated Lewis pair activation of H ₂ . <i>Dalton Transactions</i> , 2016 , 45, 6023-31	4.3	29
14	Novel B(Ar) ₂ (Ar') hetero-tri(aryl)boranes: a systematic study of Lewis acidity. <i>Dalton Transactions</i> , 2016 , 45, 6032-43	4.3	34
13	H ₂ activation using the first 1 : 1 : 1 hetero-tri(aryl)borane. <i>RSC Advances</i> , 2016 , 6, 42421-42427	3.7	10
12	A combined "electrochemical-frustrated lewis pair" approach to hydrogen activation: surface catalytic effects at platinum electrodes. <i>Chemistry - A European Journal</i> , 2015 , 21, 900-6	4.8	12
11	Photochemical Reactions of Fluorinated Pyridines at Half-Sandwich Rhodium Complexes: Competing Pathways of Reaction. <i>Organometallics</i> , 2014 , 33, 45-52	3.8	13
10	Synthesis and characterization of redox active cyclohexene-triazole click products. <i>Journal of Organometallic Chemistry</i> , 2014 , 770, 29-34	2.3	6
9	Magnetic relaxation pathways in lanthanide single-molecule magnets. <i>Nature Chemistry</i> , 2013 , 5, 673-8	17.6	583
8	Magnetic cooling at a single molecule level: a spectroscopic investigation of isolated molecules on a surface. <i>Advanced Materials</i> , 2013 , 25, 2816-20	24	31
7	Pentametallic lanthanide-alkoxide square-based pyramids: high energy barrier for thermal relaxation in a holmium single molecule magnet. <i>Chemical Communications</i> , 2011 , 47, 10587-9	5.8	135
6	Single Pyramid Magnets: Dy ₅ Pyramids with Slow Magnetic Relaxation to 40 K. <i>Angewandte Chemie</i> , 2011 , 123, 6660-6663	3.6	70
5	Single pyramid magnets: Dy ₅ pyramids with slow magnetic relaxation to 40 K. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6530-3	16.4	442
4	The oxidative conversion of the N,S-bridged complexes [{RhLL'X}2] to [(RhLL'X)3(X)2] ⁺ (X = mt or taz): a comparison with the oxidation of N,N-bridged analogues. <i>Dalton Transactions</i> , 2011 , 40, 11497-510	4.3	1

LIST OF PUBLICATIONS

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|---|---|-----|----|
| 3 | Isomerism in rhodium(I) N,S-donor heteroscorpionate: ring substituent and ancillary ligand effects.
<i>Dalton Transactions</i> , 2010 , 39, 11616-27 | 4.3 | 15 |
| 2 | A novel route to rhodaboratrane $[\text{Rh}(\text{CO})(\text{PR}_3)\{\text{B}(\text{taz})_3\}]^+$ via the redox activation of scorpionate complexes $[\text{RhLLTTt}]$. <i>Dalton Transactions</i> , 2009 , 8724-36 | 4.3 | 30 |
| 1 | Redox activation of a B-H bond: a new route to metallaboratrane complexes. <i>Chemical Communications</i> , 2006 , 2350-2 | 5.8 | 81 |