

# Michael J Kelly

## List of Publications by Year in descending order

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21  
papers

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516710

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times ranked

1459  
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#	ARTICLE	IF	CITATIONS
1	Frustrated Lewis pairs incorporating the bifunctional Lewis acid 1,1- $\text{C}_6\text{F}_5\text{C}(\text{C}_6\text{F}_5)_2$ : reactivity towards small molecules. Dalton Transactions, 2018, 47, 1588-1598.	3.3	5
2	Conversion of actual flue gas CO <sub>2</sub> via cycloaddition to propylene oxide catalyzed by a single-site, recyclable zirconium catalyst. Journal of CO <sub>2</sub> Utilization, 2017, 20, 243-252.	6.8	60
3	The structure and binding mode of citrate in the stabilization of gold nanoparticles. Nature Chemistry, 2017, 9, 890-895.	13.6	222
4	Stable GaX <sub>2</sub> , InX <sub>2</sub> and TlX <sub>2</sub> radicals. Nature Chemistry, 2014, 6, 315-319.	13.6	101
5	Modulating reactivity in iridium bis(N-heterocyclic carbene) complexes: influence of ring size on E-H bond activation chemistry. Dalton Transactions, 2014, 43, 12288-12298.	3.3	22
6	Synthetic, redox and coordination chemistry of bis(pentachlorophenyl)boryl ferrocene, FcB(C <sub>6</sub> Cl <sub>5</sub> ) <sub>2</sub> . Journal of Organometallic Chemistry, 2014, 769, 11-16.	1.8	16
7	Synthesis and Reactivity of Half-Sandwich Ruthenium $\eta^2$ -Aminoborane Complexes. Australian Journal of Chemistry, 2013, 66, 1211.	0.9	1
8	Formation of sub-valent carbenoid ligands by metal-mediated dehydrogenation chemistry: coordination and activation of H <sub>2</sub> Ga{(NDippCMe) <sub>2</sub> CH}. Chemical Science, 2013, 4, 4245.	7.4	49
9	Salt metathesis for the synthesis of M-H and M-H-Al bonds. Dalton Transactions, 2013, 42, 249-258.	3.3	47
10	Aminoborane $\eta^f$ Complexes: Significance of Hydride Co-ligands in Dynamic Processes and Dehydrogenative Borylene Formation. Organometallics, 2013, 32, 1583-1586.	2.3	28
11	Syntheses and Anion Binding Capabilities of Bis(diaryl)boryl Ferrocenes and Related Systems. Organometallics, 2013, 32, 2674-2684.	2.3	20
12	Frustrated Lewis Pairs as Molecular Receptors: Colorimetric and Electrochemical Detection of Nitrous Oxide. Angewandte Chemie - International Edition, 2013, 52, 14094-14097.	13.8	23
13	Hydrogen shuttling: synthesis and reactivity of a 14-electron iridium complex featuring a bis(alkyl) tethered N-heterocyclic carbene ligand. Chemical Communications, 2012, 48, 11999.	4.1	28
14	$\eta^f$ -Alane Complexes of Chromium, Tungsten, and Manganese. Journal of the American Chemical Society, 2012, 134, 2551-2554.	13.7	49
15	Sterically Encumbered Iridium Bis(N-heterocyclic carbene) Complexes: Air-Stable 14-Electron Cations and Facile Degenerate C-H Activation. Organometallics, 2012, 31, 8075-8078.	2.3	27
16	Modelling fundamental arene-borane contacts: spontaneous formation of a dibromoborenium cation driven by interaction between a borane Lewis acid and an arene $\pi$ system. Chemical Communications, 2011, 47, 12295.	4.1	57
17	Borane to Boryl Hydride to Borylene Dihydride: Explicit Demonstration of Boron-to-Metal $\eta^2$ -Hydride Migration in Aminoborane Activation. Journal of the American Chemical Society, 2011, 133, 11500-11503.	13.7	42
18	Probing the influence of steric bulk on anion binding by triarylboranes: comparative studies of FcB(o-Tol) <sub>2</sub> , FcB(o-Xyl) <sub>2</sub> and FcBMes <sub>2</sub> . Dalton Transactions, 2011, 40, 10345.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Extending the Chain: Synthetic, Structural, and Reaction Chemistry of a BN Allenylidene Analogue. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8908-8911.	13.8	14
20	Tuning Main Group Redox Chemistry through Steric Loading: Subvalent Group 13 Metal Complexes of Carbazolyl Ligands. <i>Chemistry - A European Journal</i> , 2011, 17, 5381-5386.	3.3	20
21	Carbazole nematic liquid crystals. <i>Liquid Crystals</i> , 2010, 37, 1289-1303.	2.2	13