

Simon Aldridge

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246
papers

9,314
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51
h-index

84
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276
ext. papers

10,593
ext. citations

8.8
avg. IF

6.55
L-index

#	Paper	IF	Citations
246	Fluoride ion complexation and sensing using organoboron compounds. <i>Chemical Reviews</i> , 2010 , 110, 3958-84	68.1	895
245	A stable two-coordinate acyclic silylene. <i>Journal of the American Chemical Society</i> , 2012 , 134, 6500-3	16.4	329
244	Transition metal boryl and borylene complexes: substitution and abstraction chemistry. <i>Coordination Chemistry Reviews</i> , 2004 , 248, 535-559	23.2	311
243	Hydrides of the main-group metals: new variations on an old theme. <i>Chemical Reviews</i> , 2001 , 101, 3305-68	68.1	304
242	Synthesis, structure and reaction chemistry of a nucleophilic aluminyl anion. <i>Nature</i> , 2018 , 557, 92-95	50.4	173
241	Cationic terminal borylenes by halide abstraction: synthesis and spectroscopic and structural characterization of an Fe=B double bond. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6356-7	16.4	140
240	Dehydrogenation of saturated CC and BN bonds at cationic N-heterocyclic carbene stabilized M(III) centers (M = Rh, Ir). <i>Journal of the American Chemical Society</i> , 2010 , 132, 10578-91	16.4	132
239	Transition metal borylene complexes: boron analogues of classical organometallic systems. <i>Chemical Communications</i> , 2009 , 1157-71	5.8	131
238	Enabling and Probing Oxidative Addition and Reductive Elimination at a Group 14 Metal Center: Cleavage and Functionalization of E-H Bonds by a Bis(boryl)stannylene. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4555-64	16.4	117
237	FeB Double Bonds: Synthetic, Structural, and Reaction Chemistry of Cationic Terminal Borylene Complexes. <i>Organometallics</i> , 2004 , 23, 2911-2926	3.8	117
236	Amidinato- and guanidinato-cobalt(I) complexes: characterization of exceptionally short Co-Co interactions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7406-10	16.4	116
235	Cooperative bond activation and catalytic reduction of carbon dioxide at a group 13 metal center. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5098-102	16.4	113
234	E-H Bond Activation of Ammonia and Water by a Geometrically Constrained Phosphorus(III) Compound. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13758-63	16.4	111
233	A generic one-pot route to acyclic two-coordinate silylenes from silicon(IV) precursors: synthesis and structural characterization of a silylsilylene. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 568-71	16.4	108
232	Rhodium and iridium aminoborane complexes: coordination chemistry of BN alkene analogues. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 921-5	16.4	108
231	Selective electrochemical detection of hydrogen fluoride by ambiphilic ferrocene derivatives. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3606-9	16.4	103
230	Reversible, Room-Temperature C-C Bond Activation of Benzene by an Isolable Metal Complex. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11000-11003	16.4	100

229	Group 3 and lanthanide boryl compounds: syntheses, structures, and bonding analyses of Sc-B, Y-B, and Lu-B π -coordinated NHC analogues. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3836-9	16.4	97
228	Stable GaX ₂ , InX ₂ and TlX ₂ radicals. <i>Nature Chemistry</i> , 2014 , 6, 315-9	17.6	89
227	Colorimetric fluoride ion sensing by polyborylated ferrocenes: structural influences on thermodynamics and kinetics. <i>Inorganic Chemistry</i> , 2008 , 47, 793-804	5.1	89
226	Transition Metal Boryl Complexes 2008 , 29-122		87
225	A stable heavier group 14 analogue of vinylidene. <i>Nature Chemistry</i> , 2016 , 8, 1022-1026	17.6	85
224	Evaluation of electronics, electrostatics and hydrogen bond cooperativity in the binding of cyanide and fluoride by Lewis acidic ferrocenylboranes. <i>Inorganic Chemistry</i> , 2010 , 49, 157-73	5.1	85
223	A nucleophilic gold complex. <i>Nature Chemistry</i> , 2019 , 11, 237-241	17.6	82
222	AND/NOT sensing of fluoride and cyanide ions by ferrocene-derivatised Lewis acids. <i>Chemistry - A European Journal</i> , 2008 , 14, 7525-9	4.8	81
221	Cationic terminal borylene complexes: a synthetic and mechanistic investigation of M=B metathesis chemistry. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7457-60	16.4	80
220	Stabilization of a two-coordinate, acyclic diaminosilylene (ADASI): completion of the series of isolable diaminotetrylenes, :E(NR(2))(2) (E = group 14 element). <i>Chemical Communications</i> , 2016 , 52, 1717-20	5.8	75
219	Sterically Encumbered Iridium Bis(N-heterocyclic carbene) Systems: Multiple C \equiv H Activation Processes and Isomeric Normal/Abnormal Carbene Complexes. <i>Organometallics</i> , 2009 , 28, 3059-3066	3.8	75
218	Cationic terminal borylene complexes: structure/bonding analysis and [4+1] cycloaddition reactivity of a BN vinylidene analogue. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6118-22	16.4	75
217	Synthesis of Novel Molybdaboranes from (B-C ₅ R ₅)MoCl _n Precursors (R = H, Me; n = 1, 2, 4). <i>Journal of the American Chemical Society</i> , 1998 , 120, 2586-2598	16.4	75
216	Coordination and activation of the BF ₃ molecule. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3669-72	16.4	74
215	Structures and aggregation of the methylamine-borane molecules, Me(n)H(3-n)N.BH(3) (n = 1-3), studied by X-ray diffraction, gas-phase electron diffraction, and quantum chemical calculations. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2231-43	16.4	72
214	A Systematic Study of Structure and E-H Bond Activation Chemistry by Sterically Encumbered Germylene Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 11685-98	4.8	68
213	Catalytic B-N Dehydrogenation Using Frustrated Lewis Pairs: Evidence for a Chain-Growth Coupling Mechanism. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3306-9	16.4	68
212	Analysis of Bonding in Cyclopentadienyl Transition-Metal Boryl Complexes. <i>Organometallics</i> , 2002 , 21, 1146-1157	3.8	68

211	Fluoride anion binding by cyclic boronic esters: influence of backbone chelate on receptor integrity. <i>Dalton Transactions</i> , 2006 , 3660-7	4.3	65
210	Cluster Expansion Reactions of Group 6 Metallaboranes. Syntheses, Crystal Structures, and Spectroscopic Characterizations of (Cp*Cr)2B5H9, (Cp*Cr)2B4H8Fe(CO)3, (Cp*Cr)2B4H7Co(CO)3, and (Cp*Mo)2B5H9Fe(CO)3. <i>Inorganic Chemistry</i> , 1998 , 37, 928-940	5.1	63
209	Carbonyl analogues? Analysis of Fe-E (E=B, Al, Ga) bonding in cationic terminal diyl complexes by density functional theory. <i>Dalton Transactions</i> , 2004 , 2649-54	4.3	62
208	The Aluminyl Anion: A New Generation of Aluminium Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1702-1713	16.4	60
207	The coordination chemistry of boryl and borate substituted cyclopentadienyl ligands. <i>Coordination Chemistry Reviews</i> , 2003 , 244, 71-92	23.2	59
206	Cationic terminal borylene complexes: Interconversion of amino and alkoxy borylenes by an unprecedented Meerwein-Ponndorf hydride transfer. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3513-6	16.4	58
205	Complexes of a gallium heterocycle with transition metal dicyclopentadienyl and cyclopentadienylcarbonyl fragments, and with a dialkylmanganese compound. <i>Dalton Transactions</i> , 2006 , 3313-20	4.3	58
204	Facile reversibility by design: tuning small molecule capture and activation by single component frustrated Lewis pairs. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12227-30	16.4	57
203	A group 13/group 17 analogue of CO and N2: coordinative trapping of the GaI molecule. <i>Journal of the American Chemical Society</i> , 2008 , 130, 5449-51	16.4	57
202	Utilisation of a lithium boryl as a reducing agent in low oxidation state group 15 chemistry: synthesis and characterisation of an amido-distibene and a boryl-dibismuthene. <i>Chemical Communications</i> , 2015 , 51, 7128-31	5.8	53
201	Heavy metal boryl chemistry: complexes of cadmium, mercury and lead. <i>Chemical Communications</i> , 2014 , 50, 3841-4	5.8	53
200	A Generic One-Pot Route to Acyclic Two-Coordinate Silylenes from Silicon(IV) Precursors: Synthesis and Structural Characterization of a Silylsilylene. <i>Angewandte Chemie</i> , 2013 , 125, 596-599	3.6	53
199	Dimethylamine borane dehydrogenation chemistry: syntheses, X-ray and neutron diffraction studies of 18-electron aminoborane and 14-electron aminoboryl complexes. <i>Chemical Communications</i> , 2012 , 48, 8096-8	5.8	52
198	Half-Sandwich Group 8 Borylene Complexes: Synthetic and Structural Studies and Oxygen Atom Abstraction Chemistry. <i>Organometallics</i> , 2009 , 28, 2947-2960	3.8	52
197	Exploiting Electrostatics To Generate Unsaturation: Oxidative Ge=E Bond Formation Using a Non π -Donor Stabilized [R(L)Ge:](+) Cation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 378-82	16.4	52
196	Probing the intrinsic structure and dynamics of aminoborane coordination at late transition metal centers: mono(π BH) binding in [CpRu(PR3)2(H2BNCy2)]+. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8494-7	16.4	51
195	Some tetrahydroborate derivatives of aluminium: crystal structures of dimethylaluminium tetrahydroborate and the α and β phases of aluminium tris(tetrahydroborate) at low temperature. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 1007-1012		50
194	Halide Abstraction as a Route to Cationic Transition-Metal Complexes Containing Two-Coordinate Gallium and Indium Ligand Systems. <i>Organometallics</i> , 2005 , 24, 5891-5900	3.8	50

193	Trapping and Reactivity of a Molecular Aluminium Oxide Ion. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17265-17268	16.4	49
192	Iridium-mediated borylation of benzylic C-H bonds by borohydride. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1359-62	16.4	49
191	Modelling fundamental arene-borane contacts: spontaneous formation of a dibromoborenum cation driven by interaction between a borane Lewis acid and an arene π -system. <i>Chemical Communications</i> , 2011 , 47, 12295-7	5.8	49
190	Rhodium and Iridium Aminoborane Complexes: Coordination Chemistry of BN Alkene Analogues. <i>Angewandte Chemie</i> , 2010 , 122, 933-937	3.6	48
189	Carbon Monoxide Activation by a Molecular Aluminium Imide: C-O Bond Cleavage and C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4897-4901	16.4	47
188	Reactivity of Boryl- and Silyl-Substituted Carbenoids toward Alkynes: Insertion and Cycloaddition Chemistry. <i>Organometallics</i> , 2015 , 34, 2126-2129	3.8	46
187	Synthesis and characterization of amidinate-iron(II) complexes: analogies with beta-diketiminate chemistry. <i>Chemistry - A European Journal</i> , 2008 , 14, 8477-80	4.8	46
186	Synthetic and reaction chemistry of heteroatom stabilized boryl and cationic borylene complexes. <i>Dalton Transactions</i> , 2006 , 399-410	4.3	46
185	Fe-Ga multiple bonding? Synthesis, spectroscopic and structural characterization of a transition metal complex containing a cationic two-coordinate gallium centre. <i>Chemical Communications</i> , 2004 , 1732-3	5.8	46
184	Expanded-ring N-heterocyclic carbenes for the stabilization of highly electrophilic gold(I) cations. <i>Chemistry - A European Journal</i> , 2014 , 20, 16721-31	4.8	45
183	Cationic terminal aminoborylene complexes: controlled stepwise insertion into M=B and B=N double bonds. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2043-6	16.4	45
182	Reduction of Carbon Oxides by an Acyclic Silylene: Reductive Coupling of CO. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1808-1812	16.4	45
181	[(η -5-C ₅ H ₅)Fe(CO) ₂] ₂ B(2,4,6-Me ₃ C ₆ H ₂): synthesis, spectroscopic and structural characterization of a transition metal complex containing an unsupported bridging borylene ligand. <i>Chemical Communications</i> , 2002 , 856-7	5.8	44
180	An Acid-Free Anionic Oxoborane Isoelectronic with Carbonyl: Facile Access and Transfer of a Terminal B=O Double Bond. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8073-8077	16.4	43
179	Catalytic Borylation using an Air-Stable Zinc Boryl Reagent: Systematic Access to Elusive Acylboranes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14159-63	16.4	43
178	Cationic terminal gallylene complexes by halide abstraction: coordination chemistry of a valence isoelectronic analogue of CO and N ₂ . <i>Journal of the American Chemical Society</i> , 2008 , 130, 16111-24	16.4	43
177	Cationic Terminal Borylene Complexes: A Synthetic and Mechanistic Investigation of M=B Metathesis Chemistry. <i>Angewandte Chemie</i> , 2005 , 117, 7623-7626	3.6	42
176	Coordination and activation of Al-H and Ga-H bonds. <i>Chemistry - A European Journal</i> , 2014 , 20, 17624-34	4.8	41

175	EAlane complexes of chromium, tungsten, and manganese. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2551-4	16.4	41
174	Reactivity of Cationic Terminal Borylene Complexes: Novel Mechanisms for Insertion and Metathesis Chemistry Involving Strongly Lewis Acidic Ligand Systems. <i>Organometallics</i> , 2009 , 28, 2961-2975	3.8	41
173	E-B Bond Activation of Ammonia and Water by a Geometrically Constrained Phosphorus(III) Compound. <i>Angewandte Chemie</i> , 2015 , 127, 13962-13967	3.6	40
172	Salt metathesis for the synthesis of M-Al and M-H-Al bonds. <i>Dalton Transactions</i> , 2013 , 42, 249-58	4.3	40
171	Directed Synthesis of Chromium and Molybdenum Metallaborane Clusters. Preparation and Characterization of (Cp*Cr)2B5H9, (Cp*Mo)2B5H9, and (Cp*MoCl)2B4H10. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2339-2340	16.4	40
170	Borane to boryl hydride to borylene dihydride: explicit demonstration of boron-to-metal hydride migration in aminoborane activation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11500-3	16.4	39
169	Amidinato and Guanidinato Cobalt(I) Complexes: Characterization of Exceptionally Short Co-N Interactions. <i>Angewandte Chemie</i> , 2009 , 121, 7542-7546	3.6	39
168	Cobalt Boryl Complexes: Enabling and Exploiting Migratory Insertion in Base-Metal-Mediated Borylation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9586-90	16.4	38
167	Circumventing redox chemistry: synthesis of transition metal boryl complexes from a boryl nucleophile by decarbonylation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15730-41	16.4	37
166	Comparative structural and thermodynamic studies of fluoride and cyanide binding by PhBMes2 and related triarylborane Lewis acids. <i>New Journal of Chemistry</i> , 2010 , 34, 1652	3.6	37
165	Synthetic, structural and reaction chemistry of transition metal complexes containing the mesitylborylene ligand. <i>Dalton Transactions RSC</i> , 2002 , 3851		37
164	Synthesis of polymeric and macrocyclic Lewis acids: influence of backbone on degree of aggregation. <i>Dalton Transactions</i> , 2007 , 3486-8	4.3	36
163	Toward Cationic Gallane- and Indanediyl Complexes: Synthetic Approaches to Three-Coordinate Halogallyl and -indyl Precursors. <i>Organometallics</i> , 2005 , 24, 5879-5890	3.8	36
162	Formation of sub-valent carbenoid ligands by metal-mediated dehydrogenation chemistry: coordination and activation of H2Ga{(NDippCMe)2CH}. <i>Chemical Science</i> , 2013 , 4, 4245	9.4	35
161	Al-H Bond coordination: expanded ring carbene adducts of AlH3 as neutral bi- and tri-functional donor ligands. <i>Chemical Communications</i> , 2013 , 49, 5547-9	5.8	34
160	Structural snapshots of concerted double E-H bond activation at a transition metal centre. <i>Nature Chemistry</i> , 2017 , 9, 1256-1262	17.6	33
159	Cooperative Bond Activation and Catalytic Reduction of Carbon Dioxide at a Group 13 Metal Center. <i>Angewandte Chemie</i> , 2015 , 127, 5187-5191	3.6	33
158	Oxidative bond formation and reductive bond cleavage at main group metal centers: reactivity of five-valence-electron MX radicals. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10902-5	16.4	32

157	Influence of Ligand Steric Bulk in the Synthesis of Transition-Metal Borylene Complexes. <i>Organometallics</i> , 2003 , 22, 4213-4217	3.8	32
156	Highly Electron-Rich Δ Diketiminato Systems: Synthesis and Coordination Chemistry of Amino-Functionalized "N-nacnac" Ligands. <i>Chemistry - A European Journal</i> , 2017 , 23, 5830-5841	4.8	30
155	Insertion reactions of dicyclohexylcarbodiimide with aminoboranes, -boryls and -borylenes. <i>Dalton Transactions</i> , 2007 , 4405-12	4.3	30
154	An N-Heterocyclic Boryloxy Ligand Isoelectronic with N-Heterocyclic Imines: Access to an Acyclic Dioxysilylene and its Heavier Congeners. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4847-4851	16.4	29
153	On the Viability of Catalytic Turnover via Al-O/B-H Metathesis: The Reactivity of Δ Diketiminato Aluminium Hydrides towards CO and Boranes. <i>Chemistry - A European Journal</i> , 2018 , 24, 13624-13635	4.8	29
152	Bulky guanidinato and amidinato zinc complexes and their comparative stabilities. <i>Dalton Transactions</i> , 2010 , 39, 8788-95	4.3	29
151	Facile syntheses of dissymmetric ferrocene-functionalized Lewis acids and acid-base pairs. <i>Chemical Communications</i> , 2009 , 7288-90	5.8	29
150	Exploiting Electrostatics To Generate Unsaturation: Oxidative Ge-E Bond Formation Using a Non Δ Donor Stabilized [R(L)Ge] ⁺ Cation. <i>Angewandte Chemie</i> , 2016 , 128, 386-390	3.6	29
149	Coordination chemistry of group 13 monohalides. <i>Chemical Science</i> , 2011 , 2, 601	9.4	28
148	Contrasting reactivity of anionic boron- and gallium-containing NHC analogues: E-C vs. E-M bond formation (E = B, Ga). <i>Chemical Communications</i> , 2010 , 46, 8546-8	5.8	28
147	Synthesis and characterisation of complexes of Group 13 metal amidinate heterocycles with the CpFe(CO) ₂ fragment. <i>Dalton Transactions</i> , 2006 , 5357-61	4.3	28
146	A Δ Diketiminato-Stabilized Sila-Acyl Chloride: Systematic Access to Base-Stabilized Silicon Analogues of Classical Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13907-13911	16.4	28
145	Aminoborane π Complexes: Significance of Hydride Co-ligands in Dynamic Processes and Dehydrogenative Borylene Formation. <i>Organometallics</i> , 2013 , 32, 1583-1586	3.8	27
144	Hydrogen shuttling: synthesis and reactivity of a 14-electron iridium complex featuring a bis(alkyl) tethered N-heterocyclic carbene ligand. <i>Chemical Communications</i> , 2012 , 48, 11999-2001	5.8	27
143	Responses to unsaturation in iridium mono(N-heterocyclic carbene) complexes: synthesis and oligomerization of [LIr(H)2Cl] and [LIr(H)2] ⁺ . <i>Chemical Communications</i> , 2011 , 47, 2523-5	5.8	27
142	Platinum complexes featuring terminally bound Ga(+) and In(+) ions. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 8097-9	16.4	27
141	Catalytic Borylation using an Air-Stable Zinc Boryl Reagent: Systematic Access to Elusive Acylboranes. <i>Angewandte Chemie</i> , 2015 , 127, 14365-14369	3.6	26
140	Electronic Delocalization in Two and Three Dimensions: Differential Aggregation in Indium "Metalloid" Clusters. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15098-15102	16.4	25

- 139 Sterically Encumbered Iridium Bis(N-heterocyclic carbene) Complexes: Air-Stable 14-Electron Cations and Facile Degenerate C-H Activation. *Organometallics*, **2012**, 31, 8075-8078 3.8 25
- 138 Syntheses of homochiral 1,2-ferrocene-functionalized Lewis acids and acid/base pairs. *Journal of Organometallic Chemistry*, **2011**, 696, 2528-2532 2.3 25
- 137 Acid-Base Free Main Group Carbonyl Analogues. *Angewandte Chemie - International Edition*, **2021**, 60, 8626-8648 16.4 25
- 136 The Chemistry of the Group 13 Metals in the +1 Oxidation State **2011**, 285-341 24
- 135 Cp*TaCl₂B₄H₈: synthesis, crystal structure and spectroscopic characterization of an air-stable, electronically unsaturated, chiral tantalaborane. *Chemical Communications*, **1998**, 207-208 5.8 24
- 134 Cationic Terminal Borylene Complexes: Structure/Bonding Analysis and [4+1] Cycloaddition Reactivity of a BN Vinylidene Analogue. *Angewandte Chemie*, **2006**, 118, 6264-6268 3.6 24
- 133 Frustrated Lewis pairs as molecular receptors: colorimetric and electrochemical detection of nitrous oxide. *Angewandte Chemie - International Edition*, **2013**, 52, 14094-7 16.4 23
- 132 Chemistry of metal-boron double bonds. *Main Group Chemistry*, **2007**, 5, 223-249 0.6 23
- 131 A molecular 'traffic light': highly selective cyanide sensing in aqueous media by a CpFe(indenyl)-functionalized borane. *Dalton Transactions*, **2013**, 42, 12836-9 4.3 22
- 130 Cationic Terminal Borylene Complexes: Interconversion of Amino and Alkoxy Borylenes by an Unprecedented Meerwein-Ponndorf Hydride Transfer. *Angewandte Chemie*, **2006**, 118, 3593-3596 3.6 22
- 129 Reactivity of the bis(pentafluorophenyl)boranes ClB(C₆F₅)₂ and [HB(C₆F₅)₂]_n towards late transition metal reagents. *Dalton Transactions*, **2004**, 4030-7 4.3 22
- 128 Linking of metal centres through boryl ligands: synthesis, spectroscopic and structural characterisation of symmetrically bridged boryl complexes. *Dalton Transactions RSC*, **2002**, 2020-2026 22
- 127 Molecular Main Group Metal Hydrides. *Chemical Reviews*, **2021**, 121, 12784-12965 68.1 22
- 126 On the Ambiphilic Reactivity of Geometrically Constrained Phosphorus(III) and Arsenic(III) Compounds: Insights into Their Interaction with Ionic Substrates. *Chemistry - A European Journal*, **2016**, 22, 15712-15724 4.8 21
- 125 Probing the influence of steric bulk on anion binding by triarylboranes: comparative studies of FcB(o-Tol)₂, FcB(o-Xyl)₂ and FcBMes₂. *Dalton Transactions*, **2011**, 40, 10345-50 4.3 21
- 124 Coordination and Activation of the BF₃ Molecule. *Angewandte Chemie*, **2009**, 121, 3723-3726 3.6 21
- 123 Origins of Unsaturation in Group 6 Metallaboranes. Synthesis, Crystal Structure, and Molecular Orbital Calculations for (Cp*MoCl)₂B₃H₇ (Cp* = Pentamethylcyclopentadienyl). *Journal of the American Chemical Society*, **1997**, 119, 11120-11121 16.4 21
- 122 Trapping and Reactivity of a Molecular Aluminium Oxide Ion. *Angewandte Chemie*, **2019**, 131, 17425-17438 20

121	Modulating reactivity in iridium bis(N-heterocyclic carbene) complexes: influence of ring size on E-H bond activation chemistry. <i>Dalton Transactions</i> , 2014 , 43, 12288-98	4.3	20
120	On the Redox Reactivity of a Geometrically Constrained Phosphorus(III) Compound. <i>Chemistry - A European Journal</i> , 2017 , 23, 15455-15465	4.8	20
119	Generation of cationic two-coordinate group-13 ligand systems by spontaneous halide ejection: remarkably nucleophile-resistant (dimethylamino)borylene complexes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4586-8	16.4	20
118	Selective Electrochemical Detection of Hydrogen Fluoride by Ambiphilic Ferrocene Derivatives. <i>Angewandte Chemie</i> , 2005 , 117, 3672-3675	3.6	20
117	Arene C-H Activation at Aluminium(I): meta Selectivity Driven by the Electronics of S Ar Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20376-20380	16.4	20
116	Reversible C-H Activation, Facile C-B/B-H Metathesis and Apparent Hydroboration Catalysis by a Dimethylxanthene-Based Frustrated Lewis Pair. <i>Chemistry - A European Journal</i> , 2018 , 24, 10531-10540	4.8	20
115	Acyclic 1,2-dimagnesioethanes/-ethene derived from magnesium(i) compounds: multipurpose reagents for organometallic synthesis. <i>Chemical Science</i> , 2019 , 10, 3208-3216	9.4	19
114	Carbon Monoxide Activation by a Molecular Aluminium Imide: C≡O Bond Cleavage and C≡N Bond Formation. <i>Angewandte Chemie</i> , 2020 , 132, 4927-4931	3.6	19
113	Tuning main group redox chemistry through steric loading: subvalent Group 13 metal complexes of carbazolyl ligands. <i>Chemistry - A European Journal</i> , 2011 , 17, 5381-6	4.8	19
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