

# Martyn Coles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8884361/publications.pdf>

Version: 2024-02-01

182  
papers

6,824  
citations

53751

45  
h-index

76872

74  
g-index

200  
all docs

200  
docs citations

200  
times ranked

3558  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of neutral amidines and guanidines in coordination chemistry. Dalton Transactions, 2006, , 985.	1.6	360
2	Cationic Aluminum Alkyl Complexes Incorporating Amidinate Ligands. Transition-Metal-Free Ethylene Polymerization Catalysts. Journal of the American Chemical Society, 1997, 119, 8125-8126.	6.6	288
3	Bicyclic-guanidines, -guanidates and -guanidinium salts: wide ranging applications from a simple family of molecules. Chemical Communications, 2009, , 3659.	2.2	267
4	Synthesis and Structures of Mono- and Bis(amidinate) Complexes of Aluminum. Organometallics, 1997, 16, 5183-5194.	1.1	228
5	Synthesis and Structures of Cationic Aluminum and Gallium Amidinate Complexes. Journal of the American Chemical Society, 2000, 122, 274-289.	6.6	228
6	Reversible Ethylene Cycloaddition Reactions of Cationic Aluminum $\eta^2$ -Diketiminato Complexes. Journal of the American Chemical Society, 1998, 120, 9384-9385.	6.6	214
7	Reduction vs. Addition: The Reaction of an Alumanyl Anion with 1,3,5,7-tetracyclooctatetraene. Angewandte Chemie - International Edition, 2019, 58, 1489-1493.	7.2	158
8	Zinc Guanidinate Complexes and Their Application in Ring-Opening Polymerisation Catalysis. European Journal of Inorganic Chemistry, 2004, 2004, 2662-2672.	1.0	128
9	Titanium-Silica Materials from the Molecular Precursor $\text{Ti}[\text{OSi}(\text{OtBu})_3]_4$ : Selective Epoxidation Catalysts. Chemistry of Materials, 2000, 12, 122-131.	3.2	126
10	Reduction vs. Addition: The Reaction of an Alumanyl Anion with 1,3,5,7-tetracyclooctatetraene. Angewandte Chemie, 2018, 131, 1503.	1.6	123
11	A Stable Calcium Alumanyl. Angewandte Chemie - International Edition, 2020, 59, 3928-3932.	7.2	117
12	Aluminum Alkyl Complexes Containing Guanidinate Ligands. Organometallics, 1998, 17, 3265-3270.	1.1	116
13	Transition metal imido catalysts for ethylene polymerisation. Journal of Organometallic Chemistry, 1999, 591, 78-87.	0.8	102
14	Aluminum Complexes Incorporating Bulky Nitrogen and Sulfur Donor Ligands. Organometallics, 1998, 17, 4042-4048.	1.1	93
15	Isolation and Characterization of a Bismuth(II) Radical. Angewandte Chemie - International Edition, 2015, 54, 10630-10633.	7.2	93
16	New homogeneous ethylene polymerization catalysts derived from transition metal imido precursors. Polymer Bulletin, 1994, 33, 529-533.	1.7	85
17	The Double [3 + 2] Photocycloaddition Reaction. Journal of the American Chemical Society, 2010, 132, 4-5.	6.6	84
18	Synthesis and Characterization of $\text{MO}[\text{OSi}(\text{OtBu})_3]_4$ and $\text{MO}_2[\text{OSi}(\text{OtBu})_3]_2$ (M = Mo, W): Models for Isolated Oxo-Molybdenum and -Tungsten Sites on Silica and Precursors to Molybdenum- and Tungsten-Silica Materials. Chemistry of Materials, 2005, 17, 1818-1828.	3.2	82

#	ARTICLE	IF	CITATIONS
19	Superbasicity of a Bis-guanidino Compound with a Flexible Linker: A Theoretical and Experimental Study. <i>Journal of the American Chemical Society</i> , 2009, 131, 16858-16868.	6.6	79
20	Exploration of the Suitability of Bicyclic Guanidates as Ligands in Catalytic Chemistry Mediated by Titanium. <i>Organometallics</i> , 2003, 22, 5201-5211.	1.1	74
21	Structural diversity in the coordination of amidines and guanidines to monovalent metal halides. <i>Dalton Transactions</i> , 2004, , 537.	1.6	73
22	Bi <sup>III</sup> -P Bond Homolysis as a Route to Reduced Bismuth Compounds and Reversible Activation of P <sub>4</sub> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14798-14801.	7.2	73
23	Well-defined ethylene polymerisation catalysts derived from bis(imido) chromium(VI) precursors. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1709.	2.0	71
24	Aluminium-Mediated Carbon Dioxide Reduction by an Isolated Monoalumoxane Anion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18261-18265.	7.2	65
25	Crystalline amidocerium(IV) oxides and a side-on bridging dioxygen complex. <i>Dalton Transactions</i> , 2010, 39, 6780.	1.6	63
26	Facile Conversion of CO/H <sub>2</sub> into Methoxide at a Uranium(III) Center. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6881-6883.	7.2	63
27	Bicyclic guanidate compounds of magnesium and their activity as pre-catalysts in the Tishchenko reaction. <i>Chemical Communications</i> , 2011, 47, 4995.	2.2	62
28	Multiple Coordination Geometries Supported by Methylene-Linked Guanidines. <i>Inorganic Chemistry</i> , 2004, 43, 7564-7566.	1.9	61
29	Structural and Catalytic Properties of Bis(guanidine)copper(I) Halides. <i>Inorganic Chemistry</i> , 2003, 42, 3154-3156.	1.9	60
30	A Stable Calcium Alumanyl. <i>Angewandte Chemie</i> , 2020, 132, 3956-3960.	1.6	60
31	Living ring-opening metathesis polymerisation of amino ester functionalised norbornenes. <i>Polymer</i> , 1998, 39, 1007-1014.	1.8	59
32	Aluminium-Mediated Carbon Dioxide Reduction by an Isolated Monoalumoxane Anion. <i>Angewandte Chemie</i> , 2019, 131, 18429-18433.	1.6	58
33	Catalytic oxidative coupling promoted by bismuth TEMPOxide complexes. <i>Chemical Communications</i> , 2018, 54, 916-919.	2.2	56
34	Synthesis and reactivity of a terminal aluminium-imide bond. <i>Chemical Communications</i> , 2020, 56, 2288-2291.	2.2	56
35	Low-Coordinate Tin and Lead Cations. <i>Organometallics</i> , 2011, 30, 1334-1339.	1.1	55
36	A new class of linked-bis(N,N'-dialkylamidinate) ligand: applications in the synthesis of bimetallic aluminium complexes. <i>Journal of Organometallic Chemistry</i> , 2002, 662, 178-187.	0.8	52

#	ARTICLE	IF	CITATIONS
37	Reactivity of Divalent Germanium Alkoxide Complexes Is in Sharp Contrast to the Heavier Tin and Lead Analogues. <i>Inorganic Chemistry</i> , 2012, 51, 1544-1551.	1.9	52
38	Isoelectronic Aluminium Analogues of Carbonyl and Dioxirane Moieties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13452-13455.	7.2	52
39	Titanium complexes incorporating bicyclic guanidinate ligands. Structure of a novel titanium-aluminium complex. <i>Dalton Transactions RSC</i> , 2001, , 1169-1171.	2.3	51
40	Experimental Basicities of Phosphazene, Guanidinophosphazene, and Proton Sponge Superbases in the Gas Phase and Solution. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2591-2604.	1.1	51
41	The structural characteristics of organozinc complexes incorporating N,N <sup>2</sup> -bidentate ligands. <i>Dalton Transactions</i> , 2004, , 3568-3574.	1.6	49
42	U <sup>III</sup> -Induced Reductive Co-Coupling of NO and CO to Form U <sup>IV</sup> Cyanate and Oxo Derivates. <i>Chemistry - A European Journal</i> , 2010, 16, 9446-9448.	1.7	49
43	Ligand and Metal Effects on the Formation of Main-Group Polyhedral Clusters. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5593-5596.	7.2	48
44	Bismuth(III) Complex of the [S <sub>4</sub> ] <sup>-</sup> Radical Anion: Dimer Formation via Pancake Bonds. <i>Journal of the American Chemical Society</i> , 2017, 139, 16490-16493.	6.6	48
45	Structural Consequences of the Prohibition of Hydrogen Bonding in Copper-Guanidine Systems. <i>Inorganic Chemistry</i> , 2004, 43, 5168-5172.	1.9	46
46	Catalytic bond forming reactions promoted by amidinate, guanidinate and phosphaguanidinate compounds of magnesium. <i>Dalton Transactions</i> , 2014, 43, 14302-14314.	1.6	43
47	Variable coordination chemistry of the phospho(iii)guanidinate anion; application as a metal-functionalised phosphine ligand Electronic supplementary information (ESI) available: simulated and observed NMR spectra. See <a href="http://www.rsc.org/suppdata/cc/b2/b209026k/">http://www.rsc.org/suppdata/cc/b2/b209026k/</a> . <i>Chemical Communications</i> , 2002, , 2794-2795.	2.2	42
48	A Step Too Far? Assessment of the Boroxide Ligand in Ring-Opening Polymerization. <i>Organometallics</i> , 2004, 23, 5159-5168.	1.1	41
49	Stabilisation of high oxidation-state niobium using <sup>-</sup> electron-rich <sup>TM</sup> bicyclic-guanidines. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2278-2284.	0.8	41
50	Reduction of organic azides by indyl-anions. Isolation and reactivity studies of indium-nitrogen multiple bonds. <i>Chemical Science</i> , 2019, 10, 1212-1218.	3.7	41
51	Amino acid derived homochiral polymers via ring-opening metathesis polymerisation. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2505.	2.0	40
52	An Organozinc Hydride Cluster: An Encapsulated Tetrahydrozincate?. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 10147-10150.	7.2	40
53	The role of the bis-trimethylsilylamido ligand, [N{SiMe <sub>3</sub> } <sub>2</sub> ] <sup>-</sup> , in main group chemistry. Part 1: Structural chemistry of the s-block elements. <i>Coordination Chemistry Reviews</i> , 2015, 297-298, 2-23.	9.5	40
54	Synthetic and catalytic intermediates in a magnesium promoted Tishchenko reaction. <i>Dalton Transactions</i> , 2012, 41, 10930.	1.6	39

#	ARTICLE	IF	CITATIONS
55	Group 14 Metal Terminal Phosphides: Correlating Structure with $\langle i \rangle \langle /i \rangle \langle sub \rangle MP \langle /sub \rangle \langle / \rangle$ . Inorganic Chemistry, 2012, 51, 9403-9415.	1.9	39
56	Catalytic C=C Bond Formation Promoted by Organo- and Amidomagnesium(II) Compounds. Organometallics, 2013, 32, 5277-5280.	1.1	39
57	Indyllithium and the Indyl Anion $[InL]^{+}$ : Heavy Analogues of Heterocyclic Carbenes. Angewandte Chemie - International Edition, 2018, 57, 5885-5887.	7.2	39
58	Bis(arylimido) complexes of chromium(VI). Polyhedron, 1995, 14, 2455-2459.	1.0	38
59	Synthesis and coordination chemistry of neutral phospho(III)guanidines. Formation of 1-aza-3-phospha-4-metallacyclobut-1-ene rings at group 6 metals Electronic supplementary information (ESI) available: an ORTEP representation and bond lengths and angles for 3a; crystal structure and refinement data, bond lengths and angles and an ORTEP representation of the molecular structure of $Mo(CO)_4(plp)_2$ . See <a href="http://www.rsc.org/suppdata/doi/10.1039/B302554c">http://www.rsc.org/suppdata/doi/10.1039/B302554c</a> . Dalton Transactions, 2003, , 2573.	1.6	38
60	Carbon-Carbon Bond Forming Reactions Promoted by Alumanyl and Alumoxane Anions: Introducing the Ethenetetraolate Ligand. Angewandte Chemie - International Edition, 2020, 59, 12806-12810.	7.2	37
61	Syntheses and Structures of the Crystalline, Highly Crowded 1,3-Bis(trimethylsilyl)cyclopentadienyls $[MCp^*_3] (M = Y, Er, Yb)$ , $[PbCp^*_2]$ , $[YCp^*_2(\eta^4-OH)]_2$ , $[(ScCp^*_2)_2(\eta^4-I)^{+2}C_2H_4]$ , $[YbCp^*_2Cl(\eta^4-Cl)K(18-crown-6)]$ , and $[KCp^*_2]$ . Organometallics, 2012, 31, 2682-2690.	1.1	36
62	Low-Coordinate Bismuth Cations. Inorganic Chemistry, 2014, 53, 3778-3787.	1.9	36
63	Lithium and aluminium complexes supported by chelating phosphoguanidinate. Dalton Transactions, 2005, , 2833.	1.6	34
64	A Conformational Study of Phospha(III)- and Phospha(V)-guanidine Compounds. Journal of the American Chemical Society, 2006, 128, 13879-13893.	6.6	34
65	Dihydrogen Activation by Lithium and Sodium Aluminyls. Angewandte Chemie - International Edition, 2021, 60, 22289-22292.	7.2	33
66	Encapsulation of hydride by molecular main group metal clusters: manipulating the source and coordination sphere of the interstitial ion. Dalton Transactions, 2006, , 5574-5582.	1.6	32
67	Spontaneous assembly of a nine-vertex lithium framework encapsulating the peroxide dianion. Chemical Communications, 2005, , 3165.	2.2	31
68	Intramolecular hydrogen bonding in complexes containing bicyclic guanidine ligands. Polyhedron, 2006, 25, 1247-1255.	1.0	31
69	Bismuth-P Bond Homolysis as a Route to Reduced Bismuth Compounds and Reversible Activation of $P_4$ . Angewandte Chemie, 2016, 128, 15018-15021.	1.6	31
70	Rubidium and caesium aluminyls: synthesis, structures and reactivity in C-H bond activation of benzene. Chemical Communications, 2022, 58, 1390-1393.	2.2	31
71	A new bonding mode for the bicyclic guanidinate, $[hpp]^{+}$ , in the tetrametallic yttrium oxide cluster, $Y_4(hpp)_8Cl_2(\eta^4-O)$ . Inorganica Chimica Acta, 2004, 357, 4330-4334.	1.2	29
72	Activation of Carbon Dioxide by Divalent Tin Alkoxides Complexes. Inorganic Chemistry, 2011, 50, 1879-1888.	1.9	29

#	ARTICLE	IF	CITATIONS
73	<sup>15</sup> N NMR Spectroscopy, X-ray and Neutron Diffraction, Quantum-Chemical Calculations, and UV/vis-Spectrophotometric Titrations as Complementary Techniques for the Analysis of Pyridine-Supported Bicyclic Guanidine Superbases. <i>Journal of Organic Chemistry</i> , 2016, 81, 7612-7625.	1.7	29
74	Synthesis and X-ray crystal structure of polymeric and dimeric copper(I) cyanide complexes incorporating a bicyclic guanidine ligand. <i>Polyhedron</i> , 2001, 20, 3027-3032.	1.0	27
75	A structural, theoretical and coordinative evaluation of the bicyclic guanidinate derived from 1,4,6-triazabicyclo[3.3.0]oct-4-ene. <i>Dalton Transactions</i> , 2008, , 4288.	1.6	27
76	An Ether-Free, Internally Coordinated Dialkylcalcium(II) Complex. <i>Organometallics</i> , 2009, 28, 1579-1581.	1.1	27
77	Synthesis and reactivity of tin amide complexes. <i>Inorganica Chimica Acta</i> , 2011, 369, 97-102.	1.2	27
78	Dimesitylzinc: A strictly 2-coordinate, homoleptic diarylzinc compound. <i>Dalton Transactions</i> , 2003, , 3663.	1.6	26
79	Neutral and cationic bismuth compounds supported by bis(amidodimethyl)disiloxane ligands. <i>Dalton Transactions</i> , 2017, 46, 4066-4074.	1.6	24
80	Facile self-assembly of the first diphosphametacyclophane. <i>Chemical Communications</i> , 2012, 48, 5766.	2.2	23
81	Lead and tin $\eta^2$ -diketiminato amido/anilido complexes: competitive nucleophilic reactivity at the $\eta^2$ -diketiminato $\text{I}^3$ -carbon. <i>Dalton Transactions</i> , 2014, 43, 13803.	1.6	23
82	Coordination Chemistry of Isomeric Mixtures of Linked Di(phosphaguanidine) Compounds: A Spectroscopic and Crystallographic Study. <i>Organometallics</i> , 2006, 25, 2470-2474.	1.1	22
83	Distibanes and Distibenes from Reduction of Sb(NON <sup>R</sup> )Cl by using Mg <sup>1</sup> Reagents. <i>Chemistry - A European Journal</i> , 2019, 25, 14183-14191.	1.7	21
84	Oxidative Addition of Hydridic, Protic, and Nonpolar E-H Bonds (E = Si, P, N, or O) to an Aluminy Anion. <i>Inorganic Chemistry</i> , 2021, 60, 4772-4778.	1.9	21
85	Poly(guanidyl)silanes as a new class of chelating, N-based ligand. <i>Dalton Transactions</i> , 2004, , 1113.	1.6	20
86	The effect of P-cyclohexyl groups on the coordination chemistry of phosphaguanidines. <i>Dalton Transactions</i> , 2006, , 2052.	1.6	20
87	A Lewis-basic, dionio-substituted phosphane. <i>Chemical Communications</i> , 2007, , 5229.	2.2	20
88	Boroxide Complexes of the Group 4 Metals: A Noninnocent Ligand in Olefin Polymerization. <i>Organometallics</i> , 2005, 24, 3279-3289.	1.1	19
89	Phosphaguanidines as Scaffolds for Multimetallic Complexes Containing Metal-Functionalized Phosphines. <i>Inorganic Chemistry</i> , 2008, 47, 2258-2260.	1.9	19
90	Planar-chiral imidazole-based phosphine ligands derived from [2.2]paracyclophane. <i>Dalton Transactions</i> , 2010, 39, 3687.	1.6	19

#	ARTICLE	IF	CITATIONS
91	Sterically encumbered mixed sandwich compounds of uranium(III): Synthesis and reactivity with small molecules. <i>Journal of Organometallic Chemistry</i> , 2018, 857, 110-122.	0.8	19
92	Potassium Aluminyl Promoted Carbonylation of Ethene. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
93	Bimetallic Zirconium Heterocycles Supported by Boron <sup>+</sup> Oxygen Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 3548-3552.	1.9	18
94	Transition-metal imido-boroxide complexes: a structural and spectroscopic investigation of the influence of boron. <i>Dalton Transactions RSC</i> , 2002, , 4168-4174.	2.3	18
95	Synthesis and crystal structures of organometallic compounds containing the ligands C(SiMe <sub>3</sub> ) <sub>2</sub> (SiMe <sub>2</sub> H) and C(SiMe <sub>2</sub> Ph) <sub>2</sub> (SiMe <sub>2</sub> H). <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1238-1248.	0.8	18
96	Recent Developments in the Synthetic and Applied Chemistry of the s-Block Metals. <i>Current Organic Chemistry</i> , 2008, 12, 1220-1230.	0.9	18
97	Assigning Hapticity to Cyclopentadienyl Derivatives of Antimony and Bismuth. <i>Organometallics</i> , 2013, 32, 4270-4278.	1.1	18
98	The steric influence of $\beta^2$ -diketiminato ligands on the coordination chemistry of lead(II). <i>Polyhedron</i> , 2015, 85, 284-294.	1.0	18
99	Isoelectronic Aluminium Analogues of Carbonyl and Dioxirane Moieties. <i>Angewandte Chemie</i> , 2019, 131, 13586-13589.	1.6	18
100	Metal compounds of boron-substituted alkoxide ( $\hat{\text{a}}^{\text{b}}$ boroxide $\hat{\text{a}}^{\text{TM}}$ ) ligands. <i>Coordination Chemistry Reviews</i> , 2016, 323, 52-59.	9.5	17
101	A study of di(amino)stibines with terminal Sb( $\langle \text{scp} \rangle \text{iii} \langle / \text{scp} \rangle$ ) hydrogen-ligands by X-ray- and neutron-diffraction. <i>Dalton Transactions</i> , 2019, 48, 2953-2958.	1.6	17
102	An alkylzinc bromide and a lithium alkylidibromozincate containing tris(organosilyl)methyl groups. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1718-1722.	0.8	16
103	Self-organisation in P-substituted guanidines leading to solution-state isomerisation. <i>Chemical Communications</i> , 2004, , 2410.	2.2	16
104	Utilization of Nonbonded Interactions Involving Organoselenium Compounds. <i>Current Organic Chemistry</i> , 2006, 10, 1993-2005.	0.9	16
105	Indylithium and the Indyl Anion [InL] <sup>+</sup> : Heavy Analogues of N $\hat{\text{a}}$ Heterocyclic Carbenes. <i>Angewandte Chemie</i> , 2018, 130, 5987-5989.	1.6	16
106	Tantalum chloride species incorporating anionic and cationic guanidine components. <i>Polyhedron</i> , 2003, 22, 2731-2737.	1.0	15
107	Metal Complexes of Guanidine-Substituted Alkyl Ligands: An Unsolvated Monomeric Two-Coordinate Organolithium. <i>Organometallics</i> , 2007, 26, 6691-6693.	1.1	15
108	Hydroformylation by Pt $\hat{\text{a}}$ Sn compounds from N-heterocyclic stannylenes. <i>Dalton Transactions</i> , 2012, 41, 7457.	1.6	15

#	ARTICLE	IF	CITATIONS
109	Double insertion of CO <sub>2</sub> into an Al–Te multiple bond. <i>Chemical Communications</i> , 2021, 57, 2673-2676.	2.2	15
110	$\beta$ -Diketiminato Organolead Complexes: Structures, <sup>207</sup> Pb NMR, and Hammett Correlations. <i>Organometallics</i> , 2015, 34, 2515-2521.	1.1	14
111	Reactions of In–Zn bonds with organic azides: products that result from hetero- and homo-bimetallic behaviour. <i>Dalton Transactions</i> , 2019, 48, 16588-16594.	1.6	14
112	Intramolecular Metal–Arene Interactions in Neutral and Cationic Main Group Compounds. <i>Chemistry, an Asian Journal</i> , 2019, 14, 1204-1211.	1.7	14
113	Bis(adamantylimido) complexes of chromium(VI). <i>Polyhedron</i> , 1998, 17, 2483-2489.	1.0	13
114	Phospha(III)guanidinate complexes of titanium(IV) and zirconium(IV) amides. <i>Polyhedron</i> , 2010, 29, 2481-2488.	1.0	13
115	Tris(pyrazolyl)borate half-sandwich complexes of trivalent uranium incorporating the [C <sub>8</sub> H <sub>6</sub> {SiPr <sub>3</sub> -1,4}2] <sup>2+</sup> and [C <sub>8</sub> H <sub>4</sub> {SiPr <sub>3</sub> -1,4}2] <sup>2+</sup> ligands. <i>Comptes Rendus Chimie</i> , 2010, 13, 812-820.	0.2	13
116	New synthetic routes to the kainoids: a synthesis of kainic acid and its analogues. <i>Tetrahedron</i> , 2011, 67, 10267-10273.	1.0	13
117	Why compete when you can share? Competitive reactivity of germanium and phosphorus with selenium. <i>Chemical Communications</i> , 2013, 49, 10278.	2.2	13
118	The Reactivity of Germanium Phosphanides with Chalcogens. <i>Inorganic Chemistry</i> , 2017, 56, 3087-3094.	1.9	13
119	Neutral and zwitterionic group 4 metal alkyls with ancillary boroxide ligands. <i>Dalton Transactions</i> , 2004, , 3428.	1.6	12
120	Crystalline di- or trianionic metal (Al, Sm) $\beta$ -diketiminates. <i>Dalton Transactions</i> , 2010, 39, 6426.	1.6	12
121	The open-chain triphosphanes RMe <sub>2</sub> SiCH <sub>2</sub> P(PR <sub>2</sub> ) <sub>2</sub> (R =) Tj ETQq1 1 0,784314	1.6	12
122	Examining the stability of phospha(III)guanidines: Formation of a formamidinium:phosphinate ion-pair and an N-protonated phospha(III)guanidinium chloride. <i>Polyhedron</i> , 2012, 37, 9-13.	1.0	12
123	The Chemistry of Guanidine, Guanidinium, and Guanidinate Compounds. <i>Australian Journal of Chemistry</i> , 2014, 67, 963.	0.5	12
124	Carbon–Carbon Bond Forming Reactions Promoted by Alumanyl and Alumoxane Anions: Introducing the Ethenetetraolate Ligand. <i>Angewandte Chemie</i> , 2020, 132, 12906-12910.	1.6	12
125	Controlling Al–M Interactions in Group 1 Metal Alumynyls (M = Li, Na, and K). Facile Conversion of Dimers to Monomeric and Separated Ion Pairs. <i>Inorganic Chemistry</i> , 2021, 60, 18423-18431.	1.9	12
126	Extending chain growth beyond C <sub>1</sub> to C <sub>4</sub> in CO homologation: alumanyl promoted formation of the [C <sub>5</sub> O] <sup>5+</sup> ligand. <i>Chemical Communications</i> , 2022, 58, 5833-5836.	2.2	12





#	ARTICLE	IF	CITATIONS
145	A new aliphatic N , C , Nâ€™™ -pincer ligand with pendant guanidine groups. <i>Inorganica Chimica Acta</i> , 2014, 422, 228-234.	1.2	8
146	Preparations and structures of nickel(II) compounds of 2,9-rac-2,5,5,7,9,12,12,14-octamethyl-1,4,8,11-tetraazacyclotetradecane. <i>Polyhedron</i> , 2016, 110, 282-290.	1.0	8
147	Exploring the chelating potential of 1,3-bis(furyl)-1,1,3,3-tetramethyldisilazides. <i>Inorganica Chimica Acta</i> , 2007, 360, 1258-1265.	1.2	7
148	Main group complexes incorporating 1,3-bis(furyl)-1,1,3,3-tetramethyldisilazide ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2548-2553.	0.8	7
149	Opening â€œjawsâ€: Functionalisation of the hexaphosphapentaprismane cage, P6C4Bu4, affording X2P6C4Bu4 (X = Me, I), crystal and molecular structures of X2P6C4Bu4 (X = Me, I) and [cis-PtCl2Me2P6C4Bu4]. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4223-4229.	0.8	7
150	Towards a Flexible Strategy for the Synthesis of Enantiomerically Pure [2.2]Paracyclophane Derivatives: The Chemistry of 4-Tolylsulfinyl[2.2]paracyclophane. <i>Synthesis</i> , 2010, 2010, 4177-4187.	1.2	7
151	Planar Chirality and Helical Polymers: Ferrocenyl-Substituted Amidiniumâ€“Carboxylate Salts. <i>Crystal Growth and Design</i> , 2011, 11, 3206-3212.	1.4	7
152	Tin and Mercury Compounds Supported by a Bulky Organometallic Ligand Incorporating a Pendant Guanidine Functionality. <i>Australian Journal of Chemistry</i> , 2014, 67, 1071.	0.5	7
153	Coordination of Î²-Ketoimine-Derived Ligands at Main Group and Transition Metals. <i>Australian Journal of Chemistry</i> , 2015, 68, 641.	0.5	6
154	Tin and Lead Phosphanido Complexes: Reactivity with Chalcogens. <i>Inorganic Chemistry</i> , 2017, 56, 14831-14841.	1.9	6
155	The synthesis of a [2.2]paracyclophane-derived secondary phosphine oxide and a study of its reactivity. <i>Tetrahedron</i> , 2018, 74, 5519-5527.	1.0	6
156	Synthesis of Heavy Nâ€™•Heterocyclic Tetrylenes: Influence of Ligand Sterics on Structure. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3466-3473.	1.0	6
157	Synthesis and structures of Î²-dialdiminatoantimony(iii) halides and Î²-dialdiminium hexahalogenoantimonates. <i>Dalton Transactions</i> , 2009, , 7820.	1.6	5
158	Into the second dimension with ferrocenebis-amidinium salts. <i>CrystEngComm</i> , 2012, 14, 771-773.	1.3	5
159	Preparations and structures of some nickel(II) compounds of 2RS,7SR,9SR,14RS- and 2RS,7RS,9SR,14SR-2,5,5,7,9,12,12,14-octamethyl-1,4,8,11-tetraazacyclotetradecane. <i>Polyhedron</i> , 2017, 127, 369-389.	1.0	5
160	Vanadium, niobium and tantalum. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2007, 103, 147.	0.8	4
161	Zinc, cadmium and mercury. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2009, 105, 269.	0.8	4
162	Group 4 metal compounds incorporating the amide ligand, [N(SiMe<sub>2</sub><sub>6</sub>H<sub>4</sub>-2-OMe)]<sub>2</sub><sup>â€™</sup>. <i>Dalton Transactions</i> , 2015, 44, 8950-8958.	1.6	4

#	ARTICLE	IF	CITATIONS
163	Preparation and structures of nickel(II) compounds of 2,9- meso -7,14- rac -2,5,5,7,9,12,12,14-octamethyl-1,4,8,11-tetraazacyclotetradecane. <i>Polyhedron</i> , 2017, 132, 130-143.	1.0	4
164	Isolation and characterization of roridin E. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 337-340.	1.1	4
165	A Structural and Theoretical Study of the Thiophosphinite and Dithiophosphinate Anions. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2685-2702.	0.8	3
166	A strategy for the propagation of hydrogen-bonding in bicyclic guanidinium salts. <i>CrystEngComm</i> , 2008, , .	1.3	3
167	Vanadium, niobium and tantalum. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2008, 104, 155.	0.8	3
168	A sodium boroxide containing an unusual Na <sub>4</sub> O <sub>4</sub> ladder core. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1163-1165.	1.8	3
169	Synthesis and structures of the [benzamidinato] <sub>3</sub> <sup>3-</sup> complexes Li <sub>3</sub> (tmeda)(L1)] <sub>2</sub> and [Li(thf) <sub>4</sub> ][Li <sub>5</sub> (L2)(OEt <sub>2</sub> ) <sub>2</sub> ] [L1 = N(SiMe <sub>3</sub> )C(Ph)N(SiMe <sub>3</sub> ) and L2 = N(SiMe <sub>3</sub> )C(C <sub>6</sub> H <sub>4</sub> -4)NPh]. <i>Dalton Transactions</i> , 2011, 40, 3047.	1.6	3
170	Complexes of iron(II) with silylated pentalene ligands; building blocks for homo- and heterobimetallics. <i>Polyhedron</i> , 2016, 116, 26-37.	1.0	3
171	Vanadium, niobium and tantalum. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2006, 102, 181.	0.8	2
172	Zinc, cadmium and mercury. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2011, 107, 246.	0.8	2
173	Crystalline metal (Li, Mg, Ca, Sr, Ba, Sn, Pb) complexes of the new chelating N,N <sup>2-</sup> -dianionic [1,2-N(R)C <sub>6</sub> H <sub>4</sub> (CH <sub>2</sub> NR)] <sub>2</sub> <sup>2-</sup> ligand (R = SiMe <sub>3</sub> , CH <sub>2</sub> But). <i>Dalton Transactions</i> , 2011, 40, 9821.	1.6	2
174	Synthesis and characterization of Co(II) and Mn(II) [M <sub>3</sub> L <sub>3</sub> ] triangles. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 94, 175-182.	0.9	2
175	Catalytic Hydrophosphination of Isocyanates by Molecular Antimony Phosphanides. <i>European Journal of Inorganic Chemistry</i> , 0, , .	1.0	2
176	Zinc, cadmium and mercury. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2010, 106, 269.	0.8	1
177	cis-[Ni(Me <sub>6</sub> [14]trans-diene)(acac)]ClO <sub>4</sub> ·0.167H <sub>2</sub> O, a folded macrocycle compound of triplet ground state [(5,7,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradec-4,11-diene)nickel(II)]. <i>Inorganica Chimica Acta</i> , 2017, 466, 389-392.	1.2	1
178	Preparations and structures of some 2,9- meso -7,14- rac -[(2,5,5,7,9,12,12,14-octamethyl-1,4,8,11-tetraazacyclotetradecane)cobalt(III)] compounds. <i>Polyhedron</i> , 2017, 134, 385-391.	1.0	1
179	Simple generation of neutral bimetallic aluminium and zinc alkyls Schiff bases bridged by a central resorcinol moiety. <i>Open Chemistry</i> , 2010, 8, 1305-1310.	1.0	0
180	A Remarkable Multicomponent Cascade Sequence for the Formation of a Spirocyclic Polyether. <i>Organic Letters</i> , 2011, 13, 3834-3836.	2.4	0

#	ARTICLE	IF	CITATIONS
181	Chain, ring, and cluster compounds of group 15 elements (P, As, Sb, Bi)., 2021, , .		0
182	Potassium Aluminyl Promoted Carbonylation of Ethene. Angewandte Chemie, 2022, 134, .	1.6	0