

Marcus L Cole

List of Publications by Year in descending order

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papers

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citations

279701

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docs citations

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times ranked

994
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkali-metal bis(aryl)formamidinates: a study of coordinative versatility. <i>Chemical Communications</i> , 2007, , 1579.	2.2	134
2	Steric Modulation of Coordination Number and Reactivity in the Synthesis of Lanthanoid(III) Formamidinates. <i>Chemistry - A European Journal</i> , 2007, 13, 8092-8110.	1.7	83
3	Studies of the reactivity of N-heterocyclic carbenes with halogen and halide sources. <i>New Journal of Chemistry</i> , 2002, 26, 1296-1303.	1.4	73
4	Synthesis and Characterization of Thermally Robust Amidinato Group 13 Hydride Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 4482-4491.	1.7	67
5	The syntheses and structures of some main group complexes of the sterically hindered N,N'-bis(2,6-diisopropylphenyl)-4-toluamidine ligand. <i>New Journal of Chemistry</i> , 2005, 29, 128-134.	1.4	60
6	Steric engineering of C-F activation with lanthanoid formamidinates. <i>Chemical Communications</i> , 2005, , 1581-1583.	2.2	52
7	Synthesis and structural characterisation of heavy alkaline earth N,N'-bis(aryl)formamidinate complexes. <i>Dalton Transactions</i> , 2006, , 3360-3367.	1.6	50
8	Synthesis, Structures and Reactivity of Lanthanoid(II) Formamidinates of Varying Steric Bulk. <i>Chemistry - A European Journal</i> , 2013, 19, 1410-1420.	1.7	50
9	N,N'-Bis(2,6-diisopropylphenyl)formamidinate complexes of the heavy alkaline earths. <i>New Journal of Chemistry</i> , 2005, 29, 135-140.	1.4	47
10	Lithium and sodium N,N'-di(2,6-dialkylphenyl)formamidinate complexes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3093-3107.	0.8	46
11	Synthesis and structural characterisation of some novel lithium and sodium N,N'-di(para-tolyl)formamidinate complexes. <i>Dalton Transactions RSC</i> , 2002, , 3906-3914.	2.3	41
12	Structural and synthetic studies of magnesium and zinc tolylformamidinate complexes. <i>New Journal of Chemistry</i> , 2002, 26, 1015-1024.	1.4	41
13	Targeted and Systematic Approach to the Study of pKa Values of Imidazolium Salts in Dimethyl Sulfoxide. <i>Journal of Organic Chemistry</i> , 2017, 82, 7324-7331.	1.7	38
14	Attenuation of reactivity by product solvation: Synthesis and molecular structure of [K{(1-6-Mes)NC(H)N(Mes)}{(1-6-Mes)NHC(H)N(Mes)}], the first formamidinate complex of potassium. <i>Dalton Transactions RSC</i> , 2002, , 2802-2804.	2.3	34
15	Steric control of the reduction of carbodiimides by samarium(ii) and the synthesis of very crowded samarium(iii) complexes. <i>Dalton Transactions</i> , 2010, 39, 6732.	1.6	32
16	Bulky Formamidinate-Supported Lanthanoid Halides and Alkyls, Including a Rare Terminal La-Me Species. <i>Organometallics</i> , 2013, 32, 1370-1378.	1.1	32
17	Effects of an ionic liquid solvent on the synthesis of β -butyrolactones by conjugate addition using NHC organocatalysts. <i>RSC Advances</i> , 2012, 2, 10160.	1.7	31
18	Facile purification of the N-heterocyclic carbene precursor [IMesH][Cl] and chloride binding in the solvates [IMesH][Cl]·acetone and [IMesH][Cl]·H ₂ O (IMes =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (1,3-bis(2,4,6-trimethylphenyl)		

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19	Structural Studies of N,N'-Di(ortho-fluorophenyl)formamidate Group 1 Metallation. <i>Chemistry - A European Journal</i> , 2003, 9, 415-424.	1.7	28
20	Pyridyl donor induced 1,3-silyl migration in metal complexes of the guanidine CyHNC{N(SiMe ₃)Py}NCy, Py = 2-(6-MeC ₅ H ₃ N). <i>Dalton Transactions</i> , 2003, , 2109.	1.6	28
21	Aluminum and Indium Complexes derived from Guanidines, Triazenes, and Amidines. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2233-2244.	0.6	28
22	N,N'-Di(tolyl)formamidate complexes of potassium: studies of ancillary donor imposed molecular and supramolecular structure. <i>Dalton Transactions RSC</i> , 2002, , 4185-4192.	2.3	27
23	Bulky triazenide complexes of alumino- and gallohydrides. <i>Dalton Transactions</i> , 2009, , 2326.	1.6	27
24	Preparation of a super bulky silver N-heterocyclic carbene complex. <i>New Journal of Chemistry</i> , 2009, 33, 720.	1.4	22
25	Bulky formamidate complexes of lithium: the first examples of σ -C \equiv N, N \equiv metal amidinate coordination. <i>New Journal of Chemistry</i> , 2005, 29, 1404.	1.4	20
26	Synthesis and structural characterisation of lithium and sodium 2,6-dibenzylphenolate complexes. <i>Dalton Transactions</i> , 2006, , 3338.	1.6	20
27	Optimised synthesis of monoanionic bis(NHC)-pincer ligand precursors and their Li-complexes. <i>New Journal of Chemistry</i> , 2016, 40, 9160-9169.	1.4	18
28	Lewis Base Adducts of Heavier Group 13 Halohydrides "Not Just Aspiring Trihydrides!". <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4493-4506.	1.0	17
29	Kinetic stabilization of low-oxidation state and terminal hydrido main group metal complexes by a sterically demanding σ -N \equiv N \equiv -bis(2,6-terphenyl)triazene. <i>Dalton Transactions</i> , 2019, 48, 13197-13204.	1.6	17
30	Students' Perceptions of Using Twitter To Interact with the Instructor during Lectures for a Large-Enrollment Chemistry Course. <i>Journal of Chemical Education</i> , 2013, 90, 671-672.	1.1	15
31	Direct Syntheses and Structural Novelty of Lanthanoid Aryloxides with Flexible Radial Arms. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4138-4144.	1.0	14
32	Synthesis and structure of the first non σ -ate TM heteroleptic lanthanoid complexes bearing monoanionic 2-amidopyridine ligands. <i>New Journal of Chemistry</i> , 2003, 27, 1032-1037.	1.4	13
33	Novel Mercury Phosphanyl amides. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1090-1098.	1.0	12
34	An exceptionally stable NHC complex of indane (InH ₃). <i>Dalton Transactions</i> , 2019, 48, 1591-1594.	1.6	12
35	Syntheses and Structural Studies of Several Group 8 Metal Complexes Derived from 1, 3-Butadiyne. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2216-2223.	0.6	10
36	Bulky bis(aryl)triazene: just aspiring amidinates? A structural and spectroscopic study. <i>Dalton Transactions</i> , 2020, 49, 5653-5661.	1.6	10

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37	Synthesis and Structural Characterization of Some New Magnesium Formamidinates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2624-2629.	0.6	9
38	Coordinative versatility in main group complexes of C-2,6-terphenyl substituted amidinates. Polyhedron, 2019, 170, 424-430.	1.0	7
39	A Flexible, Extremely Sterically Demanding Triazenide Ligand: Synthesis and Coordination Chemistry. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 768-776.	0.6	7
40	The ρ values of N-aryl imidazolium salts, their higher homologues, and formamidinium salts in dimethyl sulfoxide. Organic and Biomolecular Chemistry, 2020, 18, 1910-1917.	1.5	7
41	The synthesis of a sterically hindered samarium(ii) bis(amidinate) and conversion to its homoleptic trivalent congener. Chemical Communications, 2005, , 2695.	2.2	5
42	Steric properties of N-heterocyclic carbenes affect the performance of electronic probes. European Journal of Inorganic Chemistry, 0, , .	1.0	5
43	A Dual NMR Probe Approach to Understanding the Electronic Properties of N-Heterocyclic Carbenes. Chemistry Methods, 2021, 1, 374-381.	1.8	4
44	Heteroleptic lead and aluminium complexes ligated by a bulky non-symmetrical triazenide. Journal of Organometallic Chemistry, 2020, 916, 121204.	0.8	3
45	Correlating Electronic Properties of N-Heterocyclic Carbenes with Structure, and the Implications of Using Different Probes. ChemistrySelect, 2022, 7, .	0.7	3
46	Stereoelectronic Characterization and Catalytic Potential of a 1,3-Bis(2,6-terphenyl)-substituted N-Heterocyclic Carbene. European Journal of Inorganic Chemistry, 2021, 2021, 2133-2140.	1.0	1