

David Ellis

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Beyond the Icosahedron: The First 13-Vertex Carborane. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 225-228.	13.8	134
2	A 15-Vertex Heteroborane. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4313-4316.	13.8	73
3	Room-Temperature C-C Bond Cleavage of an Arene by a Metallocarborane. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4943-4945.	13.8	73
4	The first supraicosahedral p-block metallocarboranes. <i>Chemical Communications</i> , 2002, , 464-465.	4.1	45
5	Spectroscopic, structural, computational and (spectro)electrochemical studies of icosahedral carboranes bearing fluorinated aryl groups. <i>Dalton Transactions</i> , 2011, 40, 4200.	3.3	40
6	Unprecedented flexibility of the 1,1-bis(o-carborane) ligand: catalytically-active species stabilised by B-agostic H-Ru interactions. <i>Dalton Transactions</i> , 2016, 45, 1127-1137.	3.3	40
7	Asymmetric 1,8/13,2,x-M ₂ C ₂ B ₁₀ 14-vertex metallocarboranes by direct electrophilic insertion reactions; the VCD and BHD methods in critical analysis of cage C atom positions. <i>Dalton Transactions</i> , 2014, 43, 5095-5105.	3.3	38
8	Unprecedented steric deformation of ortho-carborane. <i>Chemical Communications</i> , 2008, , 5345.	4.1	37
9	The first 4,1,10-MC ₂ B ₁₀ supraicosahedral metallocarboranes and a route to previously inaccessible 4,1,12-ruthenium arene species. <i>Chemical Communications</i> , 2005, , 1348.	4.1	36
10	Fourteen-vertex homo- and heterobimetallic metallocarboranes. <i>Chemical Communications</i> , 2005, , 1917.	4.1	34
11	Icosahedral metallocarborane/carborane species derived from 1,1-bis(o-carborane). <i>Dalton Transactions</i> , 2015, 44, 5628-5637.	3.3	34
12	13-Vertex Carbocobaltaboranes: Synthesis and Molecular Structures of the 4,1,6-, 4,1,8- and 4,1,12-Isomers of Cp*CoC ₂ B ₁₀ H ₁₂ . <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 991-1006.	1.0	33
13	Synthetic, spectroscopic, computational and structural studies of some 13-vertex ruthenacarboranes. <i>Dalton Transactions</i> , 2005, , 1716.	3.3	33
14	Beyond the Icosahedron: The First 13-Vertex Carborane. <i>Angewandte Chemie</i> , 2003, 115, 235-238.	2.0	32
15	New supraicosahedral metallocarboranes. The synthesis and molecular structures of 4-dppe-4,1,6-closo-NiC ₂ B ₁₀ H ₁₂ and [4-(i-C ₃ H ₅)-4-(CO) ₂ -4,1,6-closo-MoC ₂ B ₁₀ H ₁₂] ⁺ . <i>Inorganica Chimica Acta</i> , 2003, 347, 161-167.		32
16	The first supraicosahedral bis(heteroborane). <i>Chemical Communications</i> , 2010, 46, 7394.	4.1	32
17	Supraicosahedral (metalla) carboranes. <i>Pure and Applied Chemistry</i> , 2003, 75, 1325-1333.	1.9	30
18	Unexpectedly facile isomerisation of [7,10-Ph ₂ -7,10-nido-C ₂ B ₁₀ H ₁₀] ²⁺ to [7,9-Ph ₂ -7,9-nido-C ₂ B ₁₀ H ₁₀] ²⁺ . <i>Chemical Communications</i> , 2007, , 2178-2180.	4.1	29

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19	The synthesis and characterisation of 4,1,2-MC2B10 metallacarboranes. Dalton Transactions, 2005, , 1842.	3.3	28
20	Symmetric and asymmetric 13-vertex bimetallacarboranes by polyhedral expansion. Chemical Communications, 2007, , 2243.	4.1	27
21	The synthesis and molecular and crystal structures of 1-methyl-2-carboxy-1,2-dicarba-closo-dodecaborane(12), 1-phenyl-2-carboxy-1,2-dicarba-closo-dodecaborane(12) and 1-phenyl-2-benzoyl-1,2-dicarba-closo-dodecaborane(12). Polyhedron, 2004, 23, 629-636.	2.2	25
22	Supraicosahedral indenyl cobaltacarboranes. Dalton Transactions, 2010, 39, 5286.	3.3	24
23	Nickelation of [3-Et-7,8-Ph2-7,8-nido-C2B9H8]2?: synthesis and characterization of 1,2 ? 1,2 and 1,2 ? 1,7 isomerized products. Applied Organometallic Chemistry, 2003, 17, 518-524.	3.5	22
24	Towards the mechanism of heteroborane isomerisation: 1,2- Δ^1 1,2 and 1,2- Δ^1 1,7 low-temperature isomerisations from metallations of [5-I-7,8-Ph2-7,8-nido-C2B9H8]2 Δ^1 . Inorganica Chimica Acta, 2005, 358, 1485-1493.	2.4	22
25	[{Rh(η^5 -Ph2C2B9H9)(η^3 -OH)}4]: A Tetrameric Icosahedral Metallacarborane Containing an {Rh(OH)}4 Cubane Cluster. Angewandte Chemie - International Edition, 2001, 40, 715-717.	13.8	21
26	The Conformations of 13-VertexML2C2B10Metallacarboranes: An Experimental and Computational Studies. Journal of the American Chemical Society, 2007, 129, 3302-3314.	13.7	21
27	The Mechanism of Reduction and Metalation of para Carboranes: The Missing 13-Vertex MC2B10 Isomer. Angewandte Chemie - International Edition, 2007, 46, 6706-6709.	13.8	20
28	Continuous-flow synthesis and application of polymer-supported BODIPY Photosensitisers for the generation of singlet oxygen; process optimised by in-line NMR spectroscopy. Journal of Flow Chemistry, 2020, 10, 327-345.	1.9	20
29	Synthesis and characterisation of labelled diphenylcarboranes. Polyhedron, 2003, 22, 1293-1301.	2.2	19
30	Carborane Substituents Promote Direct Electrophilic Insertion over Reduction-Induced Metalation Reactions. Angewandte Chemie - International Edition, 2016, 55, 4596-4599.	13.8	19
31	Platination of [3-X-7,8-Ph2-7,8-nido-C2B9H8]2 Δ^1 (X=Et, F). Journal of Organometallic Chemistry, 2003, 680, 286-293.	1.8	18
32	How to Make 8,1,2- Δ^1 -closo- Δ^2 -MC ₂ B ₉ Metallacarboranes. Angewandte Chemie - International Edition, 2014, 53, 12222-12225.	13.8	18
33	Large, weakly basic bis(carboranyl)phosphines: an experimental and computational study. Dalton Transactions, 2017, 46, 5218-5228.	3.3	18
34	Mapping the pathway of heteroborane isomerisation: Two parallel Δ^1 1,2- Δ^1 1,7 isomerisations of a crowded molybdacarborane and the isolation of isomerisation intermediates. Inorganica Chimica Acta, 2006, 359, 3745-3753.	2.4	15
35	The synthesis and characterisation of homo- and heterobimetallic 1,14,2,9- and 1,14,2,10-M ₂ C ₂ B ₁₀ 14-vertex metallacarboranes. Dalton Transactions, 2013, 42, 671-679.	3.3	15
36	Isomerisation following the platination of [7,8-Ph2-9,11-I2-7,8-nido-C2B9H7]2 Δ^1 . Polyhedron, 2006, 25, 915-922.	2.2	14

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37	Synthesis and/or molecular structures of some simple 2,1,7- and 2,1,12-ruthena- and cobaltacarboranes. Collection of Czechoslovak Chemical Communications, 2010, 75, 853-869.	1.0	14
38	Synthetic, structural and computational studies on adducts of the 4,1,2-SnC ₂ B ₁₀ supraicosahedral stannacarborane. Dalton Transactions, 2010, 39, 2412.	3.3	14
39	Title is missing!. Journal of Cluster Science, 2001, 12, 243-257.	3.3	13
40	Developing nitrosocarborane chemistry. Dalton Transactions, 2016, 45, 3635-3647.	3.3	13
41	Adducts of the supraicosahedral stannacarborane 1,6-Me ₂ -4,1,6-closo-SnC ₂ B ₁₀ H ₁₀ ; synthetic, structural and computational studies. Dalton Transactions, 2009, , 2345.	3.3	12
42	Untethered 4,1,2-MC ₂ B ₁₀ supraicosahedral metallacarboranes, their C, Ca ²⁺ -dimethyl 4,1,6-, 4,1,8- and 4,1,12-MC ₂ B ₁₀ analogues, and DFT study of the (4,)1,2- to (4,)1,6-isomerisations of C ₂ B ₁₁ carboranes and MC ₂ B ₁₀ metallacarboranes. Dalton Transactions, 2012, 41, 10957.	3.3	12
43	New 13-vertex metallacarborane sandwich compounds; synthetic and structural studies. Dalton Transactions, 2008, , 1009-1017.	3.3	10
44	Exopolyhedral ligand flipping on isomerisation of novel supraicosahedral stannacarboranes. Chemical Communications, 2009, , 5403.	4.1	10
45	Icosahedral and supraicosahedral naphthalene ruthenacarboranes. Journal of Organometallic Chemistry, 2012, 721-722, 78-84.	1.8	10
46	Diphosphaborane and Metalladiphosphaborane: Ligands for Transitionâ€Metal Chemistry. Angewandte Chemie - International Edition, 2011, 50, 12339-12341.	13.8	9
47	Crystal engineering with heteroboranes. I. 1-Carboxy-1,2-dicarba-closo-dodecaborane(11). Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1295-1296.	0.4	8
48	Facile Isomerization and Unprecedented Decarboxylation of Metallacarboranes with Fluorinated Aryl Substituents. Organometallics, 2012, 31, 2523-2525.	2.3	8
49	Demystifying NMR spectroscopy: Applications of benchtop spectrometers in the undergraduate teaching laboratory. Magnetic Resonance in Chemistry, 2020, 58, 1256-1260.	1.9	8
50	Capping the thiaborate anion [7-nido-SB ₁₀ H ₁₁] ⁻ . Journal of Organometallic Chemistry, 2013, 747, 211-216.	1.8	6
51	Crystal engineering with heteroboranes. II. 1,2-Dicarboxy-1,2-dicarba-closo-dodecaborane(12) ethanol hemisolvate. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o559-o561.	0.4	4
52	Crystal engineering with heteroboranes. III. 2-Carboxy-1-methoxymethyl-1,2-dicarba-closo-dodecaborane(12). Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o586-o588.	0.4	4
53	Carborane Substituents Promote Direct Electrophilic Insertion over Reductionâ€Metalation Reactions. Angewandte Chemie, 2016, 128, 4672-4675.	2.0	3
54	Synthesis and Characterisation of Sigmaâ€and Piâ€Bonded Metallaphosphacarboranes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1095-1100.	1.2	2

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55	NMR of carboranes. , 2023, , 62-106.		2
56	7,8-Diphenyl-9-dimethylsulfido-10,11- $\frac{1}{4}$ -hydro-7,8-dicarbano-undecaborane(9)Steric effects in heteroboranes. Part 26. For Part 25, see Garriochet al.(2000).. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1399-1400.	0.4	1
57	Supraicosahedral (Metalla) Carboranes. ChemInform, 2004, 35, no.	0.0	0