Mark A Fox

List of Publications by Year
in descending order

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183	6,762	57681	97045
papers	citations	46 h-index	71 g-index

188	188	188	5665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Role of Local Triplet Excited States and Dâ€A Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. Advanced Science, 2016, 3, 1600080.	5.6	403
2	C-arylation and C-heteroarylation of icosahedral carboranes via their copper(I) derivatives. Journal of Organometallic Chemistry, 1993, 462, 19-29.	0.8	151
3	Luminescence Properties of Câ€Diazaborolylâ€orthoâ€Carboranes as Donorâ€“Acceptor Systems. Chemistry - A European Journal, 2012, 18, 8347-8357.	1.7	151
4	Cage C_Hâ‹¯X interactions in solid-state structures of icosahedral carboranes. Coordination Chemistry Reviews, 2004, 248, 457-476.	9.5	140
5	Simultaneous Bridge-Localized and Mixed-Valence Character in Diruthenium Radical Cations Featuring Diethynylaromatic Bridging Ligands. Journal of the American Chemical Society, 2011, 133, 18433-18446.	6.6	138
6	Bisâ€Tridentate Ir(III) Metal Phosphors for Efficient Deepâ€Blue Organic Lightâ€Emitting Diodes. Advanced Materials, 2017, 29, 1702464.	11.1	117
7	Ruthenium Complexes ofC,Câ€˜-Bis(ethynyl)carboranes:â€‰ An Investigation of Electronic Interactions Mediated by Spherical Pseudo-aromatic Spacers. Journal of the American Chemical Society, 2008, 130, 3566-3578.	6.6	116
8	Tuning the Intramolecular Charge Transfer Emission from Deep Blue to Green in Ambipolar Systems Based on Dibenzothiophene S,S-Dioxide by Manipulation of Conjugation and Strength of the Electron Donor Units. Journal of Organic Chemistry, 2010, 75, 6771-6781.	1.7	114
9	Exo-Ï€-bonding to an ortho-carborane hypercarbon atom: systematic icosahedral cage distortions reflected in the structures of the fluoro-, hydroxy- and amino-carboranes, 1-X-2-Ph-1,2-C2B10H10Â(X = F,) Tj ETQq1 1 0.784314 rgBT	1.6	114
10	Elemental fluorine : Part 16. Versatile thin-film gasâ€“liquid multi-channel microreactors for effective scale-out. Lab on A Chip, 2005, 5, 191-198.	3.1	107
11	Deboronation of C-substituted ortho- and meta-closo-carboranes using â€œwetâ€•fluoride ion solutions. Polyhedron, 1996, 15, 565-571.	1.0	100
12	Colour tuning from green to red by substituent effects in phosphorescent tris-cyclometalated iridium(iii) complexes of carbazole-based ligands: synthetic, photophysical, computational and high efficiency OLED studies. Journal of Materials Chemistry, 2012, 22, 6419.	6.7	96
13	Intra- and inter-molecular carboranyl Câ€“Hâ‹¯N hydrogen bonds in pyridyl-containing ortho-carboranesElectronic supplementary information (ESI) available: rotatable 3-D molecular structure diagrams of experimental structures of 1â€“4 and of MP2/6-31G* optimised geometries 1aâ€“7b in CHIME format. Computed GIAO NMR data for 1bâ€“4c. See http://www.rsc.org/suppdata/dt/b2/b209931d/. Dalton Transactions, 2003, , 475-482.	1.6	90
14	Electrochemical and spectroelectrochemical studies of C-benzodiazaborolyl-ortho-carboranes. Dalton Transactions, 2013, 42, 2266-2281.	1.6	87
15	The contributions of molecular vibrations and higher triplet levels to the intersystem crossing mechanism in metal-free organic emitters. Journal of Materials Chemistry C, 2017, 5, 6269-6280.	2.7	83
16	Experimental and Theoretical Studies on Organic Dâ€Ïâ€A Systems Containing Threeâ€Coordinate Boron Moieties as both Ïâ€Donor and Ïâ€Acceptor. Chemistry - A European Journal, 2012, 18, 1369-1382.	1.7	80
17	Synthesis and characterisation of some new boron compounds containing the 2,4,6-(CF3)3C6H2(fluoromes = Ar), 2,6-(CF3)2C6H3(fluoroxyl = Arâ€²), or 2,4-(CF3)2C6H3(Arâ€³) ligands. Dalton Transactions, 2003, , 4395-4405.	1.6	79
18	Spectroscopic properties and electronic structures of 17-electron half-sandwich ruthenium acetylide complexes, [Ru(CCAr)(L2)Cpâ€²]+ (Ar=phenyl, p-tolyl, 1-naphthyl, 9-anthryl; L2=(PPh3)2, Cpâ€²=Cp; L2=dppe;) Tj ETQq0 0 0 rgBT /Over		79

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19	Synthetic, structural, photophysical and computational studies of Ï€-conjugated bis- and tris-1,3,2-benzodiazaboroles and related bis(boryl) dithiophenes. Dalton Transactions, 2009, , 1339.	1.6	79
20	Colour tuning of blue electroluminescence using bipolar carbazoleâ€“oxadiazole molecules in single-active-layer organic light emitting devices (OLEDs). Journal of Materials Chemistry, 2012, 22, 11816.	6.7	79
21	Mixedâ€Valence Ruthenium Complexes Rotating through a Conformational Robinâ€“Day Continuum. Chemistry - A European Journal, 2014, 20, 6895-6908.	1.7	76
22	Evolving patterns in boron cluster chemistry. Pure and Applied Chemistry, 2003, 75, 1315-1323.	0.9	74
23	Transition metal alkynyl complexes by transmetallation from Au(Cî€,CAr)(PPh₃) (Ar =) Tj ETQq1 1 0.784314 rgBT /Overlock 610-620.	1.6	74
24	Monitoring of the ADP/ATP Ratio by Induced Circularly Polarised Europium Luminescence. Angewandte Chemie - International Edition, 2018, 57, 7488-7492.	7.2	74
25	Transmission of electronic effects by icosahedral carboranes; skeletal carbon-13 chemical shifts and ultravioletâ€“visible spectra of substituted aryl-p-carboranes (1,12-dicarba-closo-dodecaboranes). Journal of the Chemical Society Dalton Transactions, 1998, , 401-412.	1.1	70
26	Elemental fluorine : Part 18. Selective direct fluorination of 1,3-ketoesters and 1,3-diketones using gas/liquid microreactor technology. Lab on A Chip, 2005, 5, 1132.	3.1	70
27	C,Câ€²-Bis(benzodiazaborolyl)dicarba-closo-dodecaboranes: Synthesis, structures, photophysics and electrochemistry. Dalton Transactions, 2013, 42, 10982.	1.6	70
28	A simple synthesis of trans-RuCl(CCR)(dppe)2 complexes and representative molecular structures. Journal of Organometallic Chemistry, 2009, 694, 2350-2358.	0.8	67
29	Noninnocent Ligand Behavior in Diruthenium Complexes Containing a 1,3-Diethynylbenzene Bridge. Organometallics, 2009, 28, 5266-5269.	1.1	66
30	Highly Efficient, Solutionâ€Processed, Singleâ€Layer, Electrophosphorescent Diodes and the Effect of Molecular Dipole Moment. Advanced Functional Materials, 2011, 21, 2376-2382.	7.8	66
31	Deboronation of ortho-carborane by an iminophosphorane: crystal structures of the novel carborane adduct nido-C2B10H12·HNP(NMe2)3 and the borenium salt [(Me2N)3PNHBNP(NMe2)3]2O2+(C2B9H12â^')2. Chemical Communications, 1999, , 1649-1650.	2.2	65
32	Bimetallic Cyclometalated Iridium(III) Diastereomers with Nonâ€Innocent Bridging Ligands for Highâ€Efficiency Phosphorescent OLEDs. Angewandte Chemie - International Edition, 2014, 53, 11616-11619.	7.2	65
33	Some transition metal complexes derived from mono- and di-ethynyl perfluorobenzenes. Dalton Transactions, 2008, , 6763.	1.6	63
34	Bis-Tridentate Iridium(III) Phosphors Bearing Functional 2-Phenyl-6-(imidazol-2-ylidene)pyridine and 2-(Pyrazol-3-yl)-6-phenylpyridine Chelates for Efficient OLEDs. Organometallics, 2016, 35, 1813-1824.	1.1	63
35	Fluoride-ion deboronation of p-fluorophenyl-ortho- and -meta-carboranes. NMR evidence for the new fluoroborate, HOBHF2â^'. Polyhedron, 1997, 16, 2499-2507.	1.0	62
36	Model compounds and monomers for phenylene ether carboranylene ketone (PECK) polymer synthesis: preparation and characterization of boron-arylated ortho-carboranes bearing carboxyphenyl, phenoxyphenyl or benzoylphenyl substituents. Journal of Materials Chemistry, 2002, 12, 1301-1306.	6.7	62

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37	Phosphine promoted substituent redistribution reactions of B-chlorocatechol borane: molecular structures of ClBcat, BrBcat and LÂ·ClBcat (catâ€…=â€…1,2-O2C6H4; Lâ€…=â€…PMe3, PEt3, PBut3, PCy3, NEt3)â€¦Dalton Transactions RSC, 2001, , 1201-1209.		61
38	Carborane radical anions: spectroscopic and electronic properties of a carborane radical anion with a 2n + 3 skeletal electron count. Chemical Communications, 2007, , 2372.	2.2	61
39	Bond Rotations and Heteroatom Effects in Donorâ€“Acceptorâ€“Donor Molecules: Implications for Thermally Activated Delayed Fluorescence and Room Temperature Phosphorescence. Journal of Organic Chemistry, 2018, 83, 14431-14442.	1.7	61
40	Elemental fluorine. Journal of Fluorine Chemistry, 2007, 128, 29-33.	0.9	59
41	Deboronation of 9-substituted-ortho- and -meta-carboranes. Journal of Organometallic Chemistry, 1999, 573, 279-291.	0.8	56
42	Syntheses and reductions of C-dimesitylboryl-1,2-dicarba-closo-dodecaboranes. Dalton Transactions, 2015, 44, 9766-9781.	1.6	53
43	Near infrared-emitting tris-bidentate Os(ii) phosphors: control of excited state characteristics and fabrication of OLEDs. Journal of Materials Chemistry C, 2015, 3, 4910-4920.	2.7	52
44	Synthesis and crystal structure of an assembly of threeortho-carborane cages linked viapara-phenylene units: effect of aryl orientation on cage C?C bond lengths inC-aryl-ortho-carboranes. Applied Organometallic Chemistry, 2003, 17, 499-508.	1.7	50
45	Synthetic, structural, photophysical and computational studies on 2-arylethynyl-1,3,2-diazaboroles. Dalton Transactions, 2009, , 2823.	1.6	49
46	Dimesitylborane monomer-dimer equilibrium in solution, and the solid-state structure of the dimer by single crystal neutron and X-ray diffraction. Journal of Organometallic Chemistry, 2003, 680, 165-172.	0.8	47
47	Gas-phase electron diffraction studies of the icosahedral carbaboranes, ortho-, meta- and para-C2B10H12. Dalton Transactions, 2005, , 1310.	1.6	47
48	Deboronation and Deprotonation of orthoâ€Carborane with Nâ€Heterocyclic Carbenes. Chemistry - A European Journal, 2010, 16, 10644-10648.	1.7	47
49	Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. Chemistry of Materials, 2021, 33, 3066-3080.	3.2	47
50	Substituent Effects on the Fluorescence Properties of orthoâ€CarborÂanes: Unusual Emission Behaviour in Câ€(2â€²â€Pyridyl)â€orthoâ€carboranes. European Journal of Inorganic Chemistry, 2016, 2016, 403-412.	1.0	46
51	The Molecular Structure of (PSH+)(nido-7,8-C2B9H12-) Determined by Neutron Diffraction (PS = Proton) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	44
52	Alkynyl Gold(I) Rigid-Rod Molecules from 1,12-Bis(ethynyl)-1,12-dicarba-closo-dodecaborane(12). Organometallics, 2003, 22, 4792-4797.	1.1	44
53	Structural, spectroscopic, electrochemical and computational studies of C,Câ€²-diaryl-ortho-carboranes, 1-(4-XC6H4)-2-Ph-1,2-C2B10H10 (X = H, F, OMe, NMe2, NH2, OH and Oâ^’). Journal of Solid State Electrochemistry, 2009, 13, 1483-1495.	1.2	44
54	Synthesis and Characterization of Dithia[3.3]paracyclophane-Bridged Binuclear Ruthenium Vinyl and Alkynyl Complexes. Organometallics, 2012, 31, 5321-5333.	1.1	43

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55	Impact of Methoxy Substituents on Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence in All-Organic Donorâ€“Acceptor Systems. Journal of Organic Chemistry, 2019, 84, 3801-3816.	1.7	43
56	Crystal and molecular structures of the nido-carborane anions, 7,9- and 2,9-C2B9H12â^'. Dalton Transactions RSC, 2002, , 2132.	2.3	41
57	Dinuclear iridium(iii) complexes of cyclometalated fluorenylpyridine ligands as phosphorescent dopants for efficient solution-processed OLEDs. Journal of Materials Chemistry, 2012, 22, 13529.	6.7	41
58	Induced europium CPL for the selective signalling of phosphorylated amino-acids and O-phosphorylated hexapeptides. Dalton Transactions, 2016, 45, 8355-8366.	1.6	41
59	Even more reliable NMR chemical shift computations by the GIAO-MP2 method. Journal of the Chemical Society Chemical Communications, 1993, , 1766-1768.	2.0	37
60	Sulfur, tin and gold derivatives of 1-(2â€²-pyridyl)-ortho-carborane, 1-R-2-X-1,2-C2B10H10(R = 2â€²-pyridyl, X =) Tj ETQq0 0 0 rgBT /Ove	1.6	37
61	Some Ruthenium Derivatives of Penta-1,4-diyn-3-one. Organometallics, 2013, 32, 3286-3299.	1.1	37
62	Luminescent Pt(<scp>ii</scp>) complexes featuring imidazolylideneâ€“pyridylidene and dianionic bipyrazolate: from fundamentals to OLED fabrications. Journal of Materials Chemistry C, 2017, 5, 1420-1435.	2.7	37
63	Ir(III)-Based Phosphors with Bipyrazolate Ancillaries; Rational Design, Photophysics, and Applications in Organic Light-Emitting Diodes. Inorganic Chemistry, 2015, 54, 10811-10821.	1.9	36
64	New Blatter-type radicals from a bench-stable carbene. Nature Communications, 2017, 8, 15088.	5.8	36
65	Cage-fluorination during deboronation of meta-carboranes. Polyhedron, 1997, 16, 2517-2525.	1.0	35
66	Exploiting trifluoromethyl substituents for tuning orbital character of singlet and triplet states to increase the rate of thermally activated delayed fluorescence. Materials Chemistry Frontiers, 2020, 4, 3602-3615.	3.2	35
67	Oligo(pâ€phenyleneethynylene) (OPE) Molecular Wires: Synthesis and Length Dependence of Photoinduced Charge Transfer in OPEs with Triarylamine and Diaryloxadiazole End Groups. Chemistry - A European Journal, 2015, 21, 3997-4007.	1.7	33
68	Chiral probe development for circularly polarised luminescence: comparative study of structural factors determining the degree of induced CPL with four heptacoordinate europium(<scp>iii</scp>) complexes. Dalton Transactions, 2015, 44, 14937-14951.	1.6	33
69	A pentuply-bridging thiocarbonyl group: x-ray crystal structure of a salt of the 1-thio-2-phenyl-1,2-dicarbadodecaborate (12) anion, [LH]+[S(Ph)C2B10H10]â^' (L =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1	1.6	32
70	Empirical and ab Initio Energy/Architectural Patterns for 73nido-6âŒ©VâŒª-Carborane Isomers, from B6H9-to C4B2H6#. Inorganic Chemistry, 2001, 40, 1790-1801.	1.9	32
71	Solution and Solid-State Structure of the Anion [Ag2{closo-CB11H12}4]2-. Inorganic Chemistry, 2002, 41, 4567-4573.	1.9	32
72	Big macrocyclic assemblies of carboranes (big MACs): synthesis and crystal structure of a macrocyclic assembly of four carboranes containing alternate ortho- and meta-carborane icosahedra linked by para-phenylene units. Journal of Organometallic Chemistry, 2003, 680, 155-164.	0.8	32

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73	Two contrasting ethynyl hydroboration pathways in the formation of a novel tris-hydroboration product from reaction of dimesitylborane with 2,5-diethynylpyridineElectronic supplementary information (ESI) available: NMR data for 4, rotatable 3-D molecular structure diagrams of optimised geometries in CHIME format and energy data for optimised geometries. See http://www.rsc.org/suppdata/cc/b3/b316250h/. Chemical Communications, 2004, , 702.	2.2	32
74	Trends in ortho-carboranes 1-X-2-R-1,2-C2B10H10 (R=Ph, Me) bearing an exo-CN-bonded substituent group (X=NO, NNRâ€² or NHRâ€²â€²). Polyhedron, 2009, 28, 2359-2370.	1.0	32
75	Tethered N-heterocyclic carbeneâ€“carboranes: unique ligands that exhibit unprecedented and versatile coordination modes at rhodium. Chemical Communications, 2016, 52, 6443-6446.	2.2	32
76	Sulfonyl-Substituted Heteroleptic Cyclometalated Iridium(III) Complexes as Blue Emitters for Solution-Processable Phosphorescent Organic Light-Emitting Diodes. Inorganic Chemistry, 2016, 55, 8612-8627.	1.9	32
77	Versatile Gas/Liquid Microreactors for Industry. Chemical Engineering and Technology, 2005, 28, 344-352.	0.9	31
78	Bright green PhOLEDs using cyclometalated diiridium(iii) complexes with bridging oxamidato ligands as phosphorescent dopants. Journal of Materials Chemistry C, 2017, 5, 6777-6789.	2.7	30
79	X-ray structure and bonding of 1-phenylethynyl-2-phenyl-1,2-dicarbadodecaborane(12), [1-(PhCî—¼C)-2-Ph-1,2-C2B10H10], a model alkyne complex containing a rich variety of carbon-carbon bond types. Polyhedron, 1993, 12, 2711-2717.	1.0	29
80	Synthetic and structural studies on C-ethynyl- and C-bromo-carboranes. Dalton Transactions, 2006, , 3544.	1.6	29
81	Molybdenum Complexes of C,C-Bis(ethynyl)carboranes: Design, Synthesis, and Study of a Weakly Coupled Mixed-Valence Compound. Organometallics, 2011, 30, 884-894.	1.1	29
82	Crystal Structures of the Carborane Dianions [1,4â€(PhCB₁₀H₁₀C)₂C₆H₄]^{2â^'} and [1,4â€(PhCB₁₀H₁₀C)₂C₆F₄]^{2â^'} and the Stabilizing Role of the paraâ€Phenylene Unit on 2â€‰n+3 Skeletal Electron Clusters. Angewandte Chemie - International Edition, 2014, 53, 3702-3705.	7.2	28
83	A novel, efficient synthesis of N-aryl pyrroles via reaction of 1-boronodienes with arylnitroso compounds. Chemical Communications, 2013, 49, 5414.	2.2	26
84	Monitoring of the ADP/ATP Ratio by Induced Circularly Polarised Europium Luminescence. Angewandte Chemie, 2018, 130, 7610-7614.	1.6	26
85	A convenient cyanide-free â€œone-potâ€•synthesis of nido-Me3N-7-CB10H12 and nido-7-CB10H13â^'. Dalton Transactions RSC, 2002, , 2624.	2.3	25
86	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.	1.0	25
87	Luminescent Platinum(II) Complexes Containing Cyclometallated Diaryl Ketimine Ligands: Synthesis, Photophysical and Computational Properties. European Journal of Inorganic Chemistry, 2010, 2010, 1963-1972.	1.0	25
88	The Structures of Alkyl Derivatives ofarachno-1-CB4H10 from Reactions of B4H10 with Alkynes. Angewandte Chemie International Edition in English, 1994, 33, 2298-2300.	4.4	24
89	Existence ofC,3-Me2-closo-1,2-C2B3H3Refuted by theAb Initio/IGLO, GIAO-MP2/NMR Method. Attempted Repetition of the Synthesis. Inorganic Chemistry, 1996, 35, 6170-6178.	1.9	24
90	Electrochemical evidence for electronic interactions through the para-carborane skeleton in the novel tricluster [{Co2C2(SiMe3)(CO)4(dppm)}2(Âµ-CB10H10C)]. Chemical Communications, 2001, , 1610-1611.	2.2	24

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91	Synthesis and structure of 1,12-diethynyl-para-carborane. Journal of Organometallic Chemistry, 2000, 610, 20-24.	0.8	23
92	Gas-Phase Electron Diffraction Studies on Two 11-Vertex Dicarbaboranes, closo-2,3-C2B9H11 and nido-2,9-C2B9H13. Inorganic Chemistry, 2004, 43, 5387-5392.	1.9	23
93	Diazaborolyl-boryl pushâ€“pull systems with ethynyleneâ€“arylene bridges as â€˜turn-onâ€™ fluoride sensors. Dalton Transactions, 2012, 41, 10328.	1.6	23
94	Molecular structures of 1,12-B12H10(CO)2 and its dihydrate 1,12-B12H10[C(OH)2]2â€”a novel bis-carbene complex. Chemical Communications, 1998, , 2487-2488.	2.2	22
95	Reactions of Icosahedral Carboranes with Iminotris(dimethylamino)Phosphorane HNP(NMe2)3: a Deboronation Intermediate nido-C2B10H12Â·N(H)P(NMe2)3, Deboronation Reactions and Hydrogen-bonded Closo-carborane Systems. Journal of Cluster Science, 2006, 17, 119-137.	1.7	22
96	Gas-Phase Reaction of Tetraborane(10) and Ethyne:Â Molecular Structure ofnido-1,2-C2B3H7in the Gas Phase. Inorganic Chemistry, 1998, 37, 2166-2176.	1.9	21
97	Synthesis of isomeric B-methylated tantalum carboranes, (Me2N)3TaC2B9H10Meâ€. Dalton Transactions RSC, 2001, , 2263-2269.	2.3	21
98	A new nido-5-vertex cluster, phosphacarba-nido-pentaborane, 2-tBu-1,2-PCB3H5Electronic supplementary information (ESI) available: rotatable 3-D molecular structure diagrams of MP2-optimised geometries for 2-tBu-1,2-PCB3H5 2, 1-tBu-2,1-PCB3H5 and P4 in CHIME format. See http://www.rsc.org/suppdata/cc/b2/b204409a/. Chemical Communications, 2002, , 1448-1449.	2.2	21
99	Cage-closing reactions of the nido-carborane anion 7,9-C2B9H12â^' and derivatives; formation of neutral 11-vertex carboranes by acidification. Dalton Transactions RSC, 2002, , 3505.	2.3	21
100	Some reactions of an Î·3-tetracyanobutadienyl-ruthenium complex. Dalton Transactions, 2010, 39, 3759.	1.6	21
101	Crystallographic evidence for the diene character of C2B10H10C4H4(â€˜benzocarbonaeâ€™) and a Dielsâ€“Alder reaction of its anionic nido-analogue, [C2B9H10C4H4]â€“: crystal structures of C2B10H10C4H4and C2B10H10C4H6. Chemical Communications, 1996, , 2033-2034.	2.2	20
102	Gas-Phase Reaction of Tetraborane(10) with Allene: The Fluxionalarachno-1-Carbapentaborane(10) Isomeric System and Derivatives 1,2- and 1,3-Me2-1-CB4H8; Analogies in 1-CB4H10, MeB5H10, and B5H10â^'. Angewandte Chemie International Edition in English, 1997, 36, 1498-1501.	4.4	20
103	Do the discrete dianions C2B9H112â^' exist? Characterisation of alkali metal salts of the 11-vertex nido dicarboranes, C2B9H112â^', in solution. Dalton Transactions RSC, 2002, , 2009.	2.3	20
104	The electronic structures of diruthenium complexes containing an oligo(phenylene ethynylene) bridging ligand, and some related molecular structures. Dalton Transactions, 2010, 39, 11605.	1.6	20
105	Thermodynamic equilibrium between locally excited and charge-transfer states through thermally activated charge transfer in 1-(pyren-2â€²-yl)-o-carborane. Chemical Science, 2022, 13, 5205-5219.	3.7	20
106	Six-vertex nido-carborane structures with unusual CHB bridges or endo-CH hydrogens1Dedicated to Professor Ken Wade on the occasion of his 65th birthday in recognition of his outstanding contributions to organometallic and inorganic chemistry.1. Journal of Organometallic Chemistry, 1998, 550, 331-340.	0.8	19
107	First structural characterisation of a 2,1,12-MC2B9 metallacarborane, [2,2,2-(NMe2)3-closo-2,1,12-TaC2B9H11]. Trends in boron NMR shifts on replacing a {BH} vertex with a metal {MLn} vertex in icosahedral carboranes. Dalton Transactions RSC, 2000, , 3519-3525.	2.3	19
108	Challenging lanthanide relaxation theory: erbium and thulium complexes that show NMR relaxation rates faster than dysprosium and terbium analogues. Physical Chemistry Chemical Physics, 2015, 17, 16507-16511.	1.3	19

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109	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. Dalton Transactions, 2020, 49, 2190-2208.	1.6	19
110	An Experimental and Computational Approach to Understanding the Reactions of Acyl Nitroso Compounds in [4 + 2] Cycloadditions. Journal of Organic Chemistry, 2015, 80, 9518-9534.	1.7	18
111	Selective signalling of glyphosate in water using europium luminescence. Dalton Transactions, 2018, 47, 16145-16154.	1.6	18
112	2,4-Ethanotetraborane Derivatives. 2. Synthesis, Characterization, and Gas-Phase Structures of 2,4-(MeCHCH2)B4H8, 2,4-(trans-MeCHCHMe)B4H8, and 2- and 4-Pr-2,4-(MeCHCH2)B4H7. Inorganic Chemistry, 1995, 34, 2841-2849.	1.9	17
113	9,12-Diiodo-1,2-dicarba-closo-dodecaborane(12). Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o74-o76.	0.4	17
114	Pyridylpyrazole N^N ligands combined with sulfonyl-functionalised cyclometalating ligands for blue-emitting iridium(<scp>iii</scp>) complexes and solution-processable PhOLEDs. Dalton Transactions, 2017, 46, 10996-11007.	1.6	17
115	Proposed structure of the first Hypho carbaborane, C3B4H12. Polyhedron, 1993, 12, 1849-1853.	1.0	16
116	Synthesis of a new boron carbonitride with a B4C-like structure from the thermolysis of N-alkylated borazines. Chemical Communications, 2002, , 718-719.	2.2	16
117	Electronic interactions in bridged bis(cluster) assemblies â€“ a comparison of para-CB10H10C, para-C6H4 and C4 bridges. Comptes Rendus Chimie, 2005, 8, 1883-1896.	0.2	16
118	The preparation and characterisation of ruthenium cyanovinylidene complexes. Dalton Transactions, 2008, , 433-436.	1.6	16
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