Mark A Fox

List of Publications by Year
in descending order

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

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

#	Article	IF	Citations
1	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
2	Cyclophane Molecules Exhibiting Thermally Activated Delayed Fluorescence: Linking Donor Units to Influence Molecular Conformation. Journal of Organic Chemistry, 2021, 86, 429-445.	1.7	13
3	Carborane photochromism: a fatigue resistant carborane switch. Chemical Communications, 2021, 57, 9466-9469.	2.2	6
4	Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. Chemistry of Materials, 2021, 33, 3066-3080.	3.2	47
5	Nonlinear optical properties of meso-Tetra(fluorenyl)porphyrins peripherally functionalized with one to four ruthenium alkynyl substituents. Dyes and Pigments, 2021, 188, 109155.	2.0	15
6	Structure and hydration of polyvinylpyrrolidoneâ€“hydrogen peroxide. Chemical Communications, 2021, 58, 80-83.	2.2	4
7	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
8	HFOâ€1234yf as a CF₃â€Building Block: Synthesis and Chemistry of CF₃â€Ynones. European Journal of Organic Chemistry, 2020, 2020, 6236-6244.	1.2	14
9	Metallacarborane Assemblies as Effective Antimicrobial Agents, Including a Highly Potent Anti-MRSA Agent. Organometallics, 2020, 39, 4253-4264.	1.1	14
10	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. Dalton Transactions, 2020, 49, 2190-2208.	1.6	19
11	Fluorenylporphyrins functionalized by electrochromic ruthenium units as redox-triggered fluorescence switches. Dalton Transactions, 2019, 48, 11897-11911.	1.6	5
12	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. Angewandte Chemie - International Edition, 2019, 58, 10290-10294.	7.2	16
13	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. Angewandte Chemie, 2019, 131, 10396-10400.	1.6	7
14	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
15	Synthetic, Structural, and Computational Studies on Heavier Tetragen and Chalcogen Triazenide Complexes. Inorganic Chemistry, 2019, 58, 16660-16666.	1.9	6
16	Monitoring of the ADP/ATP Ratio by Induced Circularly Polarised Europium Luminescence. Angewandte Chemie - International Edition, 2018, 57, 7488-7492.	7.2	74
17	Enhanced selectivity for Mg2+with a phosphinate-based chelate: APDAPversusAPTRA. Dalton Transactions, 2018, 47, 1879-1887.	1.6	11
18	Monitoring of the ADP/ATP Ratio by Induced Circularly Polarised Europium Luminescence. Angewandte Chemie, 2018, 130, 7610-7614.	1.6	26

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19	Role of the Diphosphine Chelate in Emissive, Chargeâ€Neutral Iridium(III) Complexes. Chemistry - A European Journal, 2018, 24, 624-635.	1.7	12
20	Selective signalling of glyphosate in water using europium luminescence. Dalton Transactions, 2018, 47, 16145-16154.	1.6	18
21	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
22	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
23	New Blatter-type radicals from a bench-stable carbene. Nature Communications, 2017, 8, 15088.	5.8	36
24	Bisâ€Tridentate Ir(III) Metal Phosphors for Efficient Deepâ€Blue Organic Lightâ€Emitting Diodes. Advanced Materials, 2017, 29, 1702464.	11.1	117
25	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
26	Geometries of 11â€Vertex Carborane Monoanion Radicals with 2n+3 Skeletal Electron Counts. European Journal of Inorganic Chemistry, 2017, 2017, 4568-4574.	1.0	3
27	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
28	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
29	Biotransformation of fluorophenyl pyridine carboxylic acids by the model fungus Cunninghamella elegans. Xenobiotica, 2017, 47, 763-770.	0.5	10
30	Platinum(II) complexes of some unsymmetrical diphosphenes. Journal of Organometallic Chemistry, 2017, 830, 113-119.	0.8	2
31	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
32	Induced europium CPL for the selective signalling of phosphorylated amino-acids and O-phosphorylated hexapeptides. Dalton Transactions, 2016, 45, 8355-8366.	1.6	41
33	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
34	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
35	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
36	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

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37	Low-melting molecular complexes: Part VII. 2,3-, 2,5- and 3,4-hexanediones and their molecular complexes with chloroform. Structural Chemistry, 2016, 27, 9-15.	1.0	1
38	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
39	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
40	Syntheses and Structures of Buta-1,3-Diynyl Complexes from â€œon Complexâ€•Cross-Coupling Reactions. Organometallics, 2015, 34, 2395-2405.	1.1	16
41	Why are the {Cu₄N₄} rings in copper(<scp>i</scp>) phosphinimide clusters [Cu{Î¼-Nî€PR₃}]₄(R = NMe₃or Ph) planar?. Dalton Transactions, 2015, 44, 5611-5619.	1.6	11
42	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
43	Syntheses and reductions of C-dimesitylboryl-1,2-dicarba-closo-dodecaboranes. Dalton Transactions, 2015, 44, 9766-9781.	1.6	53
44	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
45	New donorâ€“acceptor conjugates based on a trifluorenylporphyrin linked to a redoxâ€“switchable ruthenium unit. Dalton Transactions, 2015, 44, 9470-9485.	1.6	16
46	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
47	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
48	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
49	On the ambiguity of 1,3,2-benzodiazaboroles as donor/acceptor functionalities in luminescent molecules. Dalton Transactions, 2014, 43, 3347-3363.	1.6	16
50	Electronic Structure and Charge Transport Properties of a Series of 3,6-(Diphenyl)-s-tetrazine Derivatives: Are They Suitable Candidates for Molecular Electronics?. Journal of Physical Chemistry C, 2014, 118, 26427-26439.	1.5	13
51	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
52	Ultrafast Dynamics and Computational Studies on Diaminodicyanoquinodimethanes (DADQs). Journal of Physical Chemistry B, 2014, 118, 6815-6828.	1.2	9
53	Mixedâ€Valence Ruthenium Complexes Rotating through a Conformational Robinâ€“Day Continuum. Chemistry - A European Journal, 2014, 20, 6895-6908.	1.7	76
54	Studies on bis(1â€²-ortho-carboranyl)benzenes and bis(1â€²-ortho-carboranyl)biphenyls. Tetrahedron, 2014, 70, 5182-5189.	1.0	16

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55	A novel, efficient synthesis of N-aryl pyrroles via reaction of 1-boronodienes with arylnitroso compounds. Chemical Communications, 2013, 49, 5414.	2.2	26
56	Electrochemical and spectroelectrochemical studies of C-benzodiazaborolyl-ortho-carboranes. Dalton Transactions, 2013, 42, 2266-2281.	1.6	87
57	C,Câ€²-Bis(benzodiazaborolyl)dicarba-closo-dodecaboranes: Synthesis, structures, photophysics and electrochemistry. Dalton Transactions, 2013, 42, 10982.	1.6	70
58	19F and 13C GIAO-NMR chemical shifts for the identification of perfluoro-quinoline and -isoquinoline derivatives. Journal of Fluorine Chemistry, 2013, 155, 62-71.	0.9	12
59	Remarkable cage deboronation and rearrangement of a closo-1,12-dicarbadodecaborane to form a neutral nido-7,9-dicarbaundecaborane. Chemical Communications, 2013, 49, 3312.	2.2	7
60	Some Ruthenium Derivatives of Penta-1,4-diyn-3-one. Organometallics, 2013, 32, 3286-3299.	1.1	37
61	Carboranes as model hypercarbon systems; structural and bonding patterns in selected isoelectronic closo-borane and carborane systems; [BnHn]2â^', [1-CBnâ^'1Hn]â^' and 1,n-C2Bnâ^'2Hn (nÂ=Â5, 6, 7, 10 or 12). Journal of Organometallic Chemistry, 2012, 721-722, 130-136.	0.8	7
62	peri-Dimethylamino substituent effects on proton transfer at carbon in Î±-naphthylacetateesters: a model for mandelate racemase. Organic and Biomolecular Chemistry, 2012, 10, 590-596.	1.5	2
63	Reactions of 4-substituted tetrafluoropyridine derivatives with sulfur nucleophiles: SNAr and annelation processes. Journal of Fluorine Chemistry, 2012, 143, 148-154.	0.9	10
64	Diazaborolyl-boryl pushâ€“pull systems with ethynyleneâ€“arylene bridges as â€˜turn-onâ€™ fluoride sensors. Dalton Transactions, 2012, 41, 10328.	1.6	23
65	Synthesis and Characterization of Dithia[3.3]paracyclophane-Bridged Binuclear Ruthenium Vinyl and Alkynyl Complexes. Organometallics, 2012, 31, 5321-5333.	1.1	43
66	Substitution of Tetracyanoethene by Ethynylâ€“Metal Complexes Gives Tricyanovinylethynyl (Tricyanobutenynyl) Derivatives: Syntheses, Protonation, and Addition of Metalâ€“Ligand Fragments. Organometallics, 2012, 31, 2639-2657.	1.1	14
67	Phosphineâ€“alkene ligand-mediated alkylâ€“alkyl and alkylâ€“halide elimination processes from palladium(ii). Chemical Communications, 2012, 48, 10413.	2.2	12
68	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
69	Platinum(II) Complexes of Cyclic Triphosphenium Ions: a 31P NMR Spectroscopic and Computational Study. Inorganic Chemistry, 2012, 51, 9799-9808.	1.9	15
70	Syntheses, structures and redox properties of tris(pyrazolyl)borate-capped ruthenium vinyl complexes. Journal of Organometallic Chemistry, 2012, 721-722, 173-185.	0.8	4
71	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
72	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

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73	Luminescence Properties of Câ€Diazaborolylâ€orthoâ€Carboranes as Donorâ€“Acceptor Systems. Chemistry - A European Journal, 2012, 18, 8347-8357.	1.7	151
74	The synthesis, molecular and electronic structure of cyanovinylidene complexes. Inorganica Chimica Acta, 2012, 380, 358-371.	1.2	14
75	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
76	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
77	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
78	Ligand redox non-innocent behaviour in ruthenium complexes of ethynyl tolans. Inorganica Chimica Acta, 2011, 374, 461-471.	1.2	16
79	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
80	1,2-Carbagerma-closo-dodecaborate as a Germanium Ligand in Coordination Chemistry - Synthesis, Structure and Reactivity. European Journal of Inorganic Chemistry, 2011, 2011, 3349-3356.	1.0	7
81	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
82	Deboronation and Deprotonation of orthoâ€Carborane with Nâ€Heterocyclic Carbenes. Chemistry - A European Journal, 2010, 16, 10644-10648.	1.7	47
83	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
84	Some reactions of an Î·3-tetracyanobutadienyl-ruthenium complex. Dalton Transactions, 2010, 39, 3759.	1.6	21
85	Syntheses and molecular structures of some tricobaltcarbonylclusters containing 2,4,6-trimethyl-1,3,5-trithiane. Dalton Transactions, 2010, 39, 1222-1234.	1.6	11
86	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
87	From Cyclic Iminophosphoranes to Ïâ€Conjugated Materials. Angewandte Chemie - International Edition, 2009, 48, 9109-9113.	7.2	12
88	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 Oâˆ’). Journal of Solid State Electrochemistry, 2009, 13, 1483-1495.	1.2	44
89	New synthetic and structural studies on nitroso-ortho-carboranes RCB10H10CNO and bis(ortho-carboranyl)amines (RCB10H10C)2NH (R=Ph or Me). Polyhedron, 2009, 28, 789-795.	1.0	16
90	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

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91	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
92	The syntheses and structures of mono- and di-bromovinylidenes. Journal of Organometallic Chemistry, 2009, 694, 4042-4048.	0.8	7
93	Noninnocent Ligand Behavior in Diruthenium Complexes Containing a 1,3-Diethynylbenzene Bridge. Organometallics, 2009, 28, 5266-5269.	1.1	66
94	Transition metal alkynyl complexes by transmetallation from Au(Cî€,CAr)(PPh₃) (Ar =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 610-620.	1.6	74
95	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
96	Synthetic, structural, photophysical and computational studies on 2-arylethynyl-1,3,2-diazaboroles. Dalton Transactions, 2009, , 2823.	1.6	49
97	DFT studies of the Ïƒ-donor/Ï€-acceptor properties of [SnCB10H11]â€“ and its relationship to [SnCl3]â€“, CO, PF3, [SnB11H11]2â€“, SnC2B9H11, and related SnC2BnHn+2 compounds. Canadian Journal of Chemistry, 2009, 87, 63-71.	0.6	10
98	Experimental and computed dipole moments in donorâ€“bridgeâ€“acceptor systems with p-phenylene and p-carboranediyl bridges. Collection of Czechoslovak Chemical Communications, 2009, 74, 131-146.	1.0	8
99	The preparation and characterisation of ruthenium cyanovinylidene complexes. Dalton Transactions, 2008, , 433-436.	1.6	16
100	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
101	Some transition metal complexes derived from mono- and di-ethynyl perfluorobenzenes. Dalton Transactions, 2008, , 6763.	1.6	63
102	Quenched gas-phase reactions of tetraborane(10), B₄H₁₀, with substituted alkynes: new nido-dicarbapentaboranes and arachno-monocarbapentaboranes. Dalton Transactions, 2008, , 676-684.	1.6	3
103	N-Phosphino-amidines and -guanidines: synthesis, structure and P,N-chelate chemistry. Dalton Transactions, 2008, , 1043.	1.6	11
104	Facile photoinduced charge separation through a cyanoacetylide bridge in a heterobimetallic Fe(ii)â€“Re(i) complex. Chemical Communications, 2008, , 5845.	2.2	13
105	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
106	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
107	Elemental fluorine. Journal of Fluorine Chemistry, 2007, 128, 29-33.	0.9	59
108	Synthetic and structural studies on C-ethynyl- and C-bromo-carboranes. Dalton Transactions, 2006, , 3544.	1.6	29

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109	Preparative and structural studies on sulfur-linked carborane icosahedra: 2-Phenyl-ortho-carboranyl-sulfur systems (2-Ph-1,2-C2B10H10)2X (X=S, S2 or SO), and ortho-carboran-di-yl systems (1,2-C2B10H10Y)2 (Y=S or SO). Polyhedron, 2006, 25, 300-306.	1.0	15
110	Improved syntheses of bis(ethynyl)-para-carboranes, 1,12-(RCC)2-1,12-C2B10H10 and 1,10-(RCC)2-1,10-C2B8H8 (R=H or Me3Si). Journal of Organometallic Chemistry, 2006, 691, 3889-3894.	0.8	12
111	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
112	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
113	Versatile Gas/Liquid Microreactors for Industry. Chemical Engineering and Technology, 2005, 28, 344-352.	0.9	31
114	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
115	Gas-phase electron diffraction studies of the icosahedral carbaboranes, ortho-, meta- and para-C2B10H12. Dalton Transactions, 2005, , 1310.	1.6	47
116	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
117	Evolving Patterns in Boron Cluster Chemistry. ChemInform, 2004, 35, no.	0.1	0
118	Two Contrasting Ethynyl Hydroboration Pathways in the Formation of a Novel Tris-hydroboration Product from Reaction of Dimesitylborane with 2,5-Diethynylpyridine.. ChemInform, 2004, 35, no.	0.1	0
119	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
120	Cage C_Hâ‹¯X interactions in solid-state structures of icosahedral carboranes. Coordination Chemistry Reviews, 2004, 248, 457-476.	9.5	140
121	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
122	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
123	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 ETQq1 1 0.784314 rg	1.6	37
124	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 /Overlock 1	1.0	102
125	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
126	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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127	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
128	9,12-Diiodo-1,2-dicarba-closo-dodecaborane(12). Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o74-o76.	0.4	17
129	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
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