

# Clara ViÑas

## List of Publications by Year in descending order

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377  
papers

13,289  
citations

23500

58  
h-index

54797

84  
g-index

414  
all docs

414  
docs citations

414  
times ranked

4791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods to produce Bâ€“C, Bâ€“P, Bâ€“N and Bâ€“S bonds in boron clusters. <i>Chemical Society Reviews</i> , 2013, 42, 3318.	18.7	280
2	Icosahedral boron clusters: a perfect tool for the enhancement of polymer features. <i>Chemical Society Reviews</i> , 2016, 45, 5147-5173.	18.7	259
3	Ï€â€“...Aromaticity and Threeâ€“Dimensional Aromaticity: Two sides of the Same Coin?. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12191-12195.	7.2	242
4	Are Methyl Groups Electron-Donating or Electron-Withdrawing in Boron Clusters? Permethylation of o-Carborane. <i>Journal of the American Chemical Society</i> , 2005, 127, 10158-10159.	6.6	188
5	Strikingly Long C-Âˆ-Âˆ-C Distances in 1,2-Disubstituted ortho-Carboranes and Their Dianions. <i>Journal of the American Chemical Society</i> , 2005, 127, 13538-13547.	6.6	178
6	Too Persistent to Give Up: Aromaticity in Boron Clusters Survives Radical Structural Changes. <i>Journal of the American Chemical Society</i> , 2020, 142, 9396-9407.	6.6	145
7	Mercaptocarborane-Capped Gold Nanoparticles: Electron Pools and Ion Traps with Switchable Hydrophilicity. <i>Journal of the American Chemical Society</i> , 2012, 134, 212-221.	6.6	135
8	Extraordinary Overoxidation Resistance Increase in Self-Doped Polypyrroles by Using Non-conventional Low Charge-Density Anions. <i>Advanced Materials</i> , 2002, 14, 826.	11.1	127
9	Fluorescence of New <i>o</i> -Carborane Compounds with Different Fluorophores: Can it be Tuned?. <i>Chemistry - A European Journal</i> , 2014, 20, 9940-9951.	1.7	119
10	The Modulating Possibilities of Dicarbollide Clusters: â€“ Optimizing the Kharasch Catalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 11830-11831.	6.6	118
11	Boron clusters: Do they receive the deserved interest?. <i>Pure and Applied Chemistry</i> , 2003, 75, 1305-1313.	0.9	117
12	Dimethoxyethane as a Solvent for the Synthesis of C-Monosubstituted o-Carborane Derivatives. <i>Inorganic Chemistry</i> , 1995, 34, 3844-3845.	1.9	110
13	exo-nido-Cyclooctadienylrhodacarboranes: Synthesis, Reactivity, and Catalytic Properties in Alkene Hydrogenation. <i>Journal of the American Chemical Society</i> , 2000, 122, 1963-1973.	6.6	109
14	Ruâ€“Hbppâ€“Based Waterâ€“Oxidation Catalysts Anchored on Conducting Solid Supports. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5830-5832.	7.2	108
15	Legume consumption is inversely associated with type 2 diabetes incidence in adults: A prospective assessment from the PREDIMED study. <i>Clinical Nutrition</i> , 2018, 37, 906-913.	2.3	108
16	Chameleonic Capacity of [3,3â€“Co(1,2-C2B9H11)2]- in Coordination. Generation of the Highly Uncommon S(thioether)â€“Na Bond. <i>Organometallics</i> , 2003, 22, 3414-3423.	1.1	107
17	Cobalt bis(dicarbollide) ions with covalently bonded CMPO groups as selective extraction agents for lanthanide and actinide cations from highly acidic nuclear waste solutions. <i>New Journal of Chemistry</i> , 2002, 26, 1519-1527.	1.4	106
18	Self-Assembly of Mercaptaneâ€“Metallacarborane Complexes by an Unconventional Cooperative Effect: A C-Âˆ-Âˆ-S-Âˆ-Âˆ-B Hydrogen/Dihydrogen Bond Interaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 15976-15982.	6.6	105

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19	Lytotropic Lamellar Phase Formed from Monolayered $\lambda^5$ -Shaped Carborane-Cage Amphiphiles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12114-12118.	7.2	105
20	Hückel's Rule of Aromaticity Categorizes Aromatic <i>closo</i> Boron Hydride Clusters. <i>Chemistry - A European Journal</i> , 2016, 22, 7437-7443.	1.7	103
21	The Distinct Effect of the <i>theo</i> -Carboranyl Fragment: Its Influence on the $\lambda^1$ Distance in R <sub>3</sub> PI <sub>2</sub> Complexes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4290-4292.	7.2	102
22	A Discrete $\pi$ - $\pi$ Interaction Assembly: The Large Influence of Weak Interactions on the <sup>31</sup> P NMR Spectra of Phosphane-Diiodine Complexes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1270-1272.	7.2	102
23	Modulation of the C-C distance in disubstituted 1,2-R <sub>2</sub> -o-carboranes. Crystal structure of <i>closo</i> -1,2-(SPh) <sub>2</sub> -1,2-C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> . <i>Journal of Organometallic Chemistry</i> , 2002, 657, 232-238.	0.8	97
24	Nature of intramolecular interactions in hypercoordinate C-substituted 1,2-dicarba- <i>closo</i> -dodecaboranes with short $\pi$ -P distances. <i>Inorganic Chemistry Communication</i> , 2007, 10, 713-716.	1.8	97
25	Ionic Liquids Containing Boron Cluster Anions. <i>Inorganic Chemistry</i> , 2009, 48, 889-901.	1.9	97
26	Are Low-Coordinating Anions of Interest as Doping Agents in Organic Conducting Polymers?. <i>Advanced Materials</i> , 2000, 12, 1199-1202.	11.1	92
27	Metal promoted charge and hapticities of phosphines: The uniqueness of carboranylphosphines. <i>Coordination Chemistry Reviews</i> , 2014, 269, 54-84.	9.5	92
28	Are Halocarboranes Suitable for Substitution Reactions? The Case for 3- <i>h</i> -1,2- <i>closo</i> -C <sub>2</sub> B <sub>10</sub> H <sub>11</sub> : $\hat{A}$ Molecular Orbital Calculations, Aryldehalogenation Reactions, <sup>11</sup> B NMR Interpretation of <i>closo</i> -Carboranes, and Molecular Structures of 1-Ph-3-Br-1,2- <i>closo</i> -C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> and 3-Ph-1,2- <i>closo</i> -C <sub>2</sub> B <sub>10</sub> H <sub>11</sub> . <i>Inorganic Chemistry</i> , 2001, 40, 6555-6562.	1.9	91
29	Synthesis and Characterization of New Fluorescent Styrene-Containing Carborane Derivatives: The Singular Quenching Role of a Phenyl Substituent. <i>Chemistry - A European Journal</i> , 2012, 18, 544-553.	1.7	88
30	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. <i>Clinical Nutrition</i> , 2019, 38, 1221-1231.	2.3	87
31	C-C Plasticity in Boron Chemistry: $\hat{A}$ Modulation of the C-C Distance in Mixed Pyrrolyl/Dicarbollide Complexes. <i>Organometallics</i> , 2001, 20, 4024-4030.	1.1	83
32	Procedure for the degradation of 1,2-(PR <sub>2</sub> ) <sub>2</sub> -1,2-dicarba- <i>closo</i> -dodecaborane(12) and 1-(PR <sub>2</sub> ) <sub>2</sub> -R <sup>2</sup> -1,2-dicarba- <i>closo</i> -dodecaborane(12). <i>Journal of Organometallic Chemistry</i> , 1995, 503, 193-203.	0.8	80
33	Biomimetic Inspired Core-Canopy Quantum Dots: Ions Trapped in Voids Induce Kinetic Fluorescence Switching. <i>Advanced Materials</i> , 2017, 29, 1704238.	11.1	80
34	Metallacarboranes on the Road to Anticancer Therapies: Cellular Uptake, DNA Interaction, and Biological Evaluation of Cobaltabisdicarbollide [COSAN] <sup>+</sup> . <i>Chemistry - A European Journal</i> , 2018, 24, 17239-17254.	1.7	78
35	Switchable Surface Hydrophobicity-Hydrophilicity of a Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16049-16053.	7.2	76
36	Synthesis, Characterization, and Thermal Behavior of Carboranyl-Styrene Decorated Octasilsesquioxanes: Influence of the Carborane Clusters on Photoluminescence. <i>Chemistry - A European Journal</i> , 2013, 19, 17021-17030.	1.7	74

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37	Cobaltabisdicarbollide anion receptor for enantiomer-selective membrane electrodes. <i>Chemical Communications</i> , 2009, , 4988.	2.2	72
38	Relevance of the Electronegativity of Boron in $\eta^5$ -Coordinating Ligands: Regioselective Monoalkylation and Monoarylation in Cobaltabisdicarbollide $[3,3\text{-Co}(1,2\text{-C}_2\text{B}_9\text{H}_{11})_2]^{-}$ Clusters. <i>Chemistry - A European Journal</i> , 2003, 9, 4311-4323.	1.7	71
39	The $[3,3\text{-Co}(1,2\text{-C}_2\text{B}_9\text{H}_{11})_2]^{-}$ anion as a platform for new materials: synthesis of its functionalized monosubstituted derivatives incorporating synthons for conducting organic polymers. <i>Dalton Transactions</i> , 2003, , 556-561.	1.6	69
40	Designed Synthesis of New ortho-Carborane Derivatives: from Mono- to Polysubstituted Frameworks. <i>Inorganic Chemistry</i> , 2008, 47, 7309-7316.	1.9	69
41	High boron content carboranyl-functionalized aryl ether derivatives displaying photoluminescent properties. <i>Dalton Transactions</i> , 2007, , 1898-1903.	1.6	68
42	Influence of an electron-deficient bridging o-carborane on the electronic properties of an [FeFe] hydrogenase active site model. <i>Dalton Transactions</i> , 2008, , 2379.	1.6	68
43	Amphiphilic COSAN and I2-COSAN crossing synthetic lipid membranes: planar bilayers and liposomes. <i>Chemical Communications</i> , 2014, 50, 6700.	2.2	68
44	Rules for predicting the boron-11 NMR spectra of closo-boranes and closo-heteroboranes. <i>Inorganic Chemistry</i> , 1986, 25, 3339-3345.	1.9	66
45	$[\text{Rh}(7\text{-SPh-8-Me-7,8-C}_2\text{B}_9\text{H}_{10})(\text{PPh}_3)_2]$ : A New Rhodacarborane with Enhanced Activity in the Hydrogenation of 1-Alkenes. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2251-2253.	4.4	66
46	The formation of nido $[7,8\text{-}(\text{PR}_2)_2\text{-7,8-C}_2\text{B}_9\text{H}_{10}]^{-}$ from closo $1,2\text{-}(\text{PR}_2)_2\text{-1,2-C}_2\text{B}_{10}\text{H}_{10}$ ( $\text{C}_2\text{B}_{10}\text{H}_{10}$ ): a process enhanced by complexation. <i>Journal of Organometallic Chemistry</i> , 1996, 509, 139-150.	0.8	66
47	New Polyether-Substituted Metallocarboranes as Extractants for $^{137}\text{Cs}$ and $^{90}\text{Sr}$ from Nuclear Wastes. <i>Inorganic Chemistry</i> , 1998, 37, 3640-3643.	1.9	64
48	Synthesis and fluorescence emission of neutral and anionic di- and tetra-carboranyl compounds. <i>Dalton Transactions</i> , 2011, 40, 7541.	1.6	64
49	A new type of macrocycle incorporating closo- and nido-carborane cages: molecular structures of 1,2-(1,10-dithia-4,7-dioxadecane-1,10-diyl)-1,2-dicarba-closo-dodecaborane and sodium 7,8-(1,13-dithia-4,7,10-trioxatridecane-1,13-diyl)-7,8-dicarbanido-undecaborate(12). <i>Inorganic Chemistry</i> , 1990, 29, 149-152.	1.9	63
50	Surface Layer Formation on Polypyrrole Films. <i>Advanced Materials</i> , 2002, 14, 449-452.	11.1	63
51	Application of the cobaltabisdicarbollide anion to the development of ion selective PVC membrane electrodes for tuberculosis drug analysis. <i>Chemical Communications</i> , 2008, , 6492.	2.2	63
52	Synthesis of $[7,8\text{-}(\text{PPh}_2)_2\text{-7,8-C}_2\text{B}_9\text{H}_{10}]^{-}$ : a ligand analogous to 1,2-bis(diphenylphosphino)ethane with a "built-in" negative charge. <i>Organometallics</i> , 1993, 12, 3766-3768.	1.1	62
53	Metallocarboranes as Building Blocks for Polyanionic Polyarmed Aryl-Ether Materials. <i>Inorganic Chemistry</i> , 2008, 47, 9497-9508.	1.9	62
54	Biological interaction of living cells with COSAN-based synthetic vesicles. <i>Scientific Reports</i> , 2015, 5, 7804.	1.6	62

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55	Cobaltabis(dicarbollide) derivatives as extractants for europium from nuclear wastes. <i>Chemical Communications</i> , 1998, , 191-192.	2.2	60
56	Parent Tricarbollides [nido-7,8,9-C <sub>3</sub> B <sub>8</sub> H <sub>11</sub> ]-, nido-7,8,9-C <sub>3</sub> B <sub>8</sub> H <sub>12</sub> , [nido-7,8,10-C <sub>3</sub> B <sub>8</sub> H <sub>11</sub> ]-, and Their Derivatives. <i>Journal of the American Chemical Society</i> , 1997, 119, 7750-7759.	6.6	59
57	Modulation of Agostic B $\pi$ -H $\pi$ -Ru Bonds in exo-Monophosphino-7,8-Dicarbido-nido-undecaborate Derivatives. <i>Organometallics</i> , 1996, 15, 3850-3858.	1.1	58
58	Kharasch addition catalysed by half-sandwich ruthenium complexes. Enhanced activity of ruthenacarboranes. <i>Tetrahedron Letters</i> , 2003, 44, 8421-8425.	0.7	58
59	Imaging in living cells using $\delta$ - <sup>13</sup> C Raman spectroscopy: monitoring COSAN uptake. <i>Chemical Communications</i> , 2014, 50, 3370-3372.	2.2	58
60	Forced exo-nido rhoda and ruthenacarboranes as catalyst precursors: a review. <i>Journal of Organometallic Chemistry</i> , 2000, 614-615, 48-56.	0.8	57
61	Carboranyl Substituted Siloxanes and Octasilsesquioxanes: Synthesis, Characterization, and Reactivity. <i>Macromolecules</i> , 2008, 41, 8458-8466.	2.2	57
62	Synthesis, Structure, and Catalytic Applications for <i>ortho</i> - and <i>meta</i> -Carboranyl Based NBN Pincer-Pd Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 9284-9295.	1.9	57
63	Surfactant behaviour of metallacarboranes. A study based on the electrolysis of water. <i>Dalton Transactions</i> , 2014, 43, 5062-5068.	1.6	56
64	Spermidinium <i>closo</i> -dodecaborate-encapsulating liposomes as efficient boron delivery vehicles for neutron capture therapy. <i>Chemical Communications</i> , 2014, 50, 12325-12328.	2.2	56
65	Mixed Cobaltacarboranes Incorporating $\delta$ -5-Pyrrolyl and Dicarbollide Ligands. Synthetic Routes, Structures, and Mechanistic Implications. <i>Organometallics</i> , 1997, 16, 1278-1283.	1.1	55
66	Radical reactions catalysed by ruthenium(II) complexes with anionic carborane phosphine ligands: Kharasch addition to olefins and controlled polymerisation. <i>Tetrahedron Letters</i> , 2000, 41, 5347-5351.	0.7	55
67	Self-assembly of carborane molecules via C-H $\cdots$ I hydrogen bonding: the molecular and crystal structures of 3- <i>closo</i> -C <sub>2</sub> B <sub>10</sub> H <sub>11</sub> . <i>Dalton Transactions RSC</i> , 2002, , 3647-3648.	2.3	54
68	Polyanionic Aryl Ether Metallodendrimers Based on Cobaltabisdicarbollide Derivatives. Photoluminescent Properties. <i>Macromolecules</i> , 2010, 43, 150-159.	2.2	54
69	Discovery of Potent EGFR Inhibitors through the Incorporation of a 3D Aromatic-Boron-Rich Cluster into the 4-Anilinoquinazoline Scaffold: Potential Drugs for Glioma Treatment. <i>Chemistry - A European Journal</i> , 2018, 24, 3122-3126.	1.7	54
70	A Highly Water-Stable <i>meta</i> -Carborane-Based Copper Metal-Organic Framework for Efficient High-Temperature Butanol Separation. <i>Journal of the American Chemical Society</i> , 2020, 142, 8299-8311.	6.6	54
71	A Route to exo-Heterodisubstituted and Monosubstituted <i>closo</i> -Carborane Derivatives. <i>Inorganic Chemistry</i> , 1997, 36, 1719-1723.	1.9	53
72	Formation of Bridging Alkene and Conjugated Dialkenes Exclusively Generated from Alkynes on the [3,3- $\eta$ -Co(1,2-C <sub>2</sub> B <sub>9</sub> H <sub>11</sub> ) <sub>2</sub> ]-Platform. The Unique Hydroboration Role of [3,3- $\eta$ -Co(1,2-C <sub>2</sub> B <sub>9</sub> H <sub>11</sub> ) <sub>2</sub> ]-. <i>Journal of the American Chemical Society</i> , 2003, 125, 14720-14721.	6.6	53

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73	Synthesis of Boron-Iodinatedo-Carborane Derivatives. Water Stability of the Periodinated Monoprotic Salt. <i>Inorganic Chemistry</i> , 2006, 45, 3496-3498.	1.9	53
74	The Role of C-H...B Interactions in Establishing Rotamer Configurations in Metallabis(dicarbollide) Systems. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2385-2392.	1.0	53
75	Synthesis of Cobaltabis(dicarbollyl) Complexes Incorporating Exocluster SR Substituents and the Improved Synthesis of [3,3- $\eta^5$ -Co(1-R-2-R'-1,2-C <sub>2</sub> B <sub>9</sub> H <sub>9</sub> ) <sub>2</sub> ]- Derivatives. <i>Inorganic Chemistry</i> , 1997, 36, 2482-2486.	1.9	51
76	exo-nido-Monothio- andexo-nido-Monophosphinorhodacarboranes: Synthesis, Reactivity, and Catalytic Properties in Alkene Hydrogenation. <i>Organometallics</i> , 1998, 17, 2278-2289.	1.1	51
77	The first half-sandwich d <sup>0</sup> -metallacarboranes stabilized by metal-nitrogen sigma bond using C(cage)-appended anionic alkylamido moiety: a synthetic investigation. <i>Inorganic Chemistry Communication</i> , 2001, 4, 486-489.	1.8	50
78	Influential Role of Ethereal Solvent on Organolithium Compounds: The Case of Carboranylithium. <i>Chemistry - A European Journal</i> , 2012, 18, 3174-3184.	1.7	50
79	Small Molecule Kinase Inhibitors Loaded Boron Cluster as Hybrid Agents for Glioma Cell Targeting Therapy. <i>Chemistry - A European Journal</i> , 2017, 23, 9233-9238.	1.7	50
80	Polypyrrole materials doped with weakly coordinating anions: influence of substituents and the fate of the doping anion during the overoxidation process. <i>Polymer</i> , 2005, 46, 12218-12225.	1.8	49
81	Modulation of the B(3)-H...Ru Distances in 7,8-Dicarbido-nido-undecaborate Derivatives. <i>Organometallics</i> , 1994, 13, 2751-2760.	1.1	48
82	A Versatile Methodology for the Controlled Synthesis of Photoluminescent High Boron Content Dendrimers. <i>Chemistry - A European Journal</i> , 2013, 19, 6299-6312.	1.7	48
83	Synthesis and crystal and molecular structure of trimethylammonium 7,8-dimercapto-7,8-dicarbido-undecaborate(10) and trimethylammonium 7,8-dicarbido-undecaborate(10)]. <i>Inorganic Chemistry</i> , 1986, 25, 4369-4374.	1.9	47
84	Approaches to the Preparation of Carborane-Containing Carbosilane Compounds. <i>Organic Letters</i> , 2005, 7, 231-233.	2.4	47
85	Olefin cyclopropanation catalysed by half-sandwich ruthenium complexes. <i>Tetrahedron Letters</i> , 2002, 43, 983-987.	0.7	46
86	Additive Tuning of Redox Potential in Metallacarboranes by Sequential Halogen Substitution. <i>Chemistry - A European Journal</i> , 2010, 16, 6660-6665.	1.7	46
87	Electron Accumulative Molecules. <i>Journal of the American Chemical Society</i> , 2018, 140, 2957-2970.	6.6	46
88	1-Diphenylphosphino-2-methyl-1,2-dicarbido-closo-dodecaborane(12). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 2027-2030.	0.4	45
89	Recent studies on RR' <sup>2</sup> -C <sub>2</sub> B <sub>9</sub> H <sub>11</sub> charge-compensated ligands. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 247-255.	0.8	44
90	Highly Stable Neutral and Positively Charged Dicarbollide Sandwich Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 5637-5647.	1.7	43

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91	Modular Construction of Neutral and Anionic Carboranyl-Containing Carbosilane-Based Dendrimers. <i>Macromolecules</i> , 2007, 40, 5644-5652.	2.2	43
92	From Mono- to Poly-Substituted Frameworks: A Way of Tuning the Acidic Character of $C_{10}H_{12}$ in $n$ -Carborane Derivatives. <i>Chemistry - A European Journal</i> , 2009, 15, 9755-9763.	1.7	43
93	Ion Transport across Biological Membranes by Carborane-Capped Gold Nanoparticles. <i>ACS Nano</i> , 2017, 11, 12492-12499.	7.3	43
94	Atomistic Simulations of COSAN: Amphiphiles without a Head and Tail Design Display "Head and Tail" Surfactant Behavior. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3088-3092.	7.2	43
95	Nido-Carborane-Containing Compounds Resulting from the Reaction of closo-Carboranes with Transition Metal Complexes. <i>Inorganic Chemistry</i> , 1994, 33, 2645-2650.	1.9	42
96	Agostic B-H...Ru Bonds in exo-Monophosphino-7,8-dicarba-nido-undecaborate Derivatives. <i>Organometallics</i> , 1995, 14, 3952-3957.	1.1	42
97	A Series of the Twelve-Vertex Ferratricarbollides [2-( $\eta^5$ -C <sub>5</sub> H <sub>5</sub> )-9-X-closo-2,1,7,9-FeC <sub>3</sub> B <sub>8</sub> H <sub>10</sub> ] (Where X =) Tj ETQq1 1 0.784314 rgBT / Dv Functions in the Para Position to the Metal Center. <i>Inorganic Chemistry</i> , 1999, 38, 2775-2780.	1.9	42
98	Study of the Synergy in Electron-Rich Element/Carborane Compounds. Antipodal Boron Atom Labilization by Electron-Rich Elements. Conversion of {7-SR-8-Me-7,8-C <sub>2</sub> B <sub>9</sub> H <sub>10</sub> }- into {7-SR-8-Me-7,8-(5)-C <sub>2</sub> B <sub>8</sub> H <sub>11</sub> }-. <i>Organometallics</i> , 1994, 13, 914-919.	1.1	41
99	Aromatic substituted metallacarboranes as extractants of <sup>137</sup> Cs and <sup>90</sup> Sr from nuclear wastes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2849-2854.	1.1	41
100	Iodinated $n$ -Carboranes as Versatile Building Blocks to Design Intermolecular Interactions in Crystal Lattices. <i>Chemistry - A European Journal</i> , 2009, 15, 9764-9772.	1.7	41
101	Aqueous Self-Assembly and Cation Selectivity of Cobaltabisdicarbollide Dianionic Dumbbells. <i>Chemistry - A European Journal</i> , 2014, 20, 6786-6794.	1.7	41
102	COSAN as a molecular imaging platform: synthesis and "in vivo" imaging. <i>Chemical Communications</i> , 2014, 50, 11415-11417.	2.2	41
103	Rhodium Complexes with the New Anionic Diphosphine [7,8-(PPh <sub>2</sub> ) <sub>2</sub> -7,8-C <sub>2</sub> B <sub>9</sub> H <sub>10</sub> ]-Ligand. <i>Organometallics</i> , 1996, 15, 3154-3160.	1.1	40
104	Revising the [PdCl <sub>2</sub> (1,2-(PPh <sub>2</sub> ) <sub>2</sub> -1,2-C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> )] synthesis and comparison of its behavior with [PdCl <sub>2</sub> (1,2-(PiPr <sub>2</sub> ) <sub>2</sub> -1,2-C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> )]. Crystal structure of [PdCl <sub>2</sub> (1,2-(PPh <sub>2</sub> ) <sub>2</sub> -1,2-C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> )]. <i>Journal of Organometallic Chemistry</i> , 2000, 606, 183-187.	0.8	40
105	Polyanionic Carbosilane and Carbosiloxane Metallodendrimers Based on Cobaltabisdicarbollide Derivatives. <i>Organometallics</i> , 2009, 28, 5550-5559.	1.1	40
106	A Simple Link between Hydrocarbon and Borohydride Chemistries. <i>Chemistry - A European Journal</i> , 2013, 19, 4169-4175.	1.7	40
107	The uniqueness of boron as a novel challenging element for drugs in pharmacology, medicine and for smart biomaterials. <i>Future Medicinal Chemistry</i> , 2013, 5, 617-619.	1.1	40
108	Hydrogen-selective microelectrodes based on silicon needles. <i>Sensors and Actuators B: Chemical</i> , 2003, 91, 76-82.	4.0	39

#	ARTICLE	IF	CITATIONS
109	Synthesis of quadruped-shaped polyfunctionalized o-carborane synthons. <i>Chemical Communications</i> , 2011, 47, 2252.	2.2	39
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114	Contribution of the o-carboranyl fragment to the chemical stability and the <sup>31</sup> P-NMR chemical shift in closo-carboranylphosphines. Crystal structure of bis(1-yl-2-methyl-1,2-dicarba-closo-dodecaborane)phenylphosphine. <i>Journal of Organometallic Chemistry</i> , 1999, 592, 22-28.	0.8	38
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