

Francesc Teixidor

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#	Paper	IF	Citations
4 ²⁴	Electrochemistry and Photoluminescence of Icosahedral Carboranes, Boranes, Metallocarboranes, and Their Derivatives. <i>Chemical Reviews</i> , 2016 , 116, 14307-14378	68.1	290
4 ²³	Methods to produce B-C, B-P, B-N and B-S bonds in boron clusters. <i>Chemical Society Reviews</i> , 2013 , 42, 3318-36	58.5	234
4 ²²	Aromaticity and three-dimensional aromaticity: two sides of the same coin?. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12191-5	16.4	187
4 ²¹	Icosahedral boron clusters: a perfect tool for the enhancement of polymer features. <i>Chemical Society Reviews</i> , 2016 , 45, 5147-73	58.5	185
4 ²⁰	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, 10158-9	16.4	161
4 ¹⁹	Strikingly long C...C distances in 1,2-disubstituted ortho-carboranes and their dianions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13538-47	16.4	158
4 ¹⁸	A theta-shaped amphiphilic cobaltabisdicarbollide anion: transition from monolayer vesicles to micelles. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5298-300	16.4	135
4 ¹⁷	Extraordinary Overoxidation Resistance Increase in Self-Doped Polypyrroles by Using Non-conventional Low Charge-Density Anions. <i>Advanced Materials</i> , 2002 , 14, 826	24	120
4 ¹⁶	Mercaptocarborane-capped gold nanoparticles: electron pools and ion traps with switchable hydrophilicity. <i>Journal of the American Chemical Society</i> , 2012 , 134, 212-21	16.4	117
4 ¹⁵	The modulating possibilities of dicarbollide clusters: optimizing the Kharasch catalysts. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11830-1	16.4	109
4 ¹⁴	Fluorescence of new o-carborane compounds with different fluorophores: can it be tuned?. <i>Chemistry - A European Journal</i> , 2014 , 20, 9940-51	4.8	107
4 ¹³	Boron clusters: Do they receive the deserved interest?. <i>Pure and Applied Chemistry</i> , 2003 , 75, 1305-1313	2.1	101
4 ¹²	Dimethoxyethane as a Solvent for the Synthesis of C-Monosubstituted o-Carborane Derivatives. <i>Inorganic Chemistry</i> , 1995 , 34, 3844-3845	5.1	101
4 ¹¹	Chameleonic Capacity of [3,3- $\text{Co}(1,2\text{-C}_2\text{B}_9\text{H}_{11})_2$]- in Coordination. Generation of the Highly Uncommon S(thioether) π a Bond. <i>Organometallics</i> , 2003 , 22, 3414-3423	3.8	99
4 ¹⁰	exo-nido-Cyclooctadienerhodacarboranes: Synthesis, Reactivity, and Catalytic Properties in Alkene Hydrogenation. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1963-1973	16.4	98
4 ⁰⁹	Metallocarboranes and their interactions: theoretical insights and their applicability. <i>Chemical Society Reviews</i> , 2012 , 41, 3445-63	58.5	96
4 ⁰⁸	Lyotropic lamellar phase formed from monolayered θ shaped carborane-cage amphiphiles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12114-8	16.4	96

407	Nature of intramolecular interactions in hypercoordinate C-substituted 1,2-dicarba-closo-dodecaboranes with short P?P distances. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 713-716	3.1	96
406	Self-assembly of mercaptane-metallacarborane complexes by an unconventional cooperative effect: a C-H...S-H...H-B hydrogen/dihydrogen bond interaction. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15976-82	16.4	95
405	A discrete PI--IP assembly: the large influence of weak interactions on the 31P NMR spectra of phosphane-diiodine complexes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1270-2	16.4	90
404	Modulation of the C?C distance in disubstituted 1,2-R2-o-carboranes. Crystal structure of closo 1,2-(SPh)2-1,2-C2B10H10. <i>Journal of Organometallic Chemistry</i> , 2002 , 657, 232-238	2.3	90
403	Ionic liquids containing boron cluster anions. <i>Inorganic Chemistry</i> , 2009 , 48, 889-901	5.1	87
402	Are Low-Coordinating Anions of Interest as Doping Agents in Organic Conducting Polymers?. <i>Advanced Materials</i> , 2000 , 12, 1199-1202	24	87
401	The Distinct Effect of the o-Carboranyl Fragment: Its Influence on the I-I Distance in R PI Complexes. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 4290-4292	16.4	85
400	H?kkel's Rule of Aromaticity Categorizes Aromatic closo Boron Hydride Clusters. <i>Chemistry - A European Journal</i> , 2016 , 22, 7437-43	4.8	84
399	Metal promoted charge and hapticities of phosphines: The uniqueness of carboranylphosphines. <i>Coordination Chemistry Reviews</i> , 2014 , 269, 54-84	23.2	81
398	C? Plasticity in Boron Chemistry: Modulation of the Cc??C Distance in Mixed Pyrrolyl/Dicarbollide Complexes? <i>Organometallics</i> , 2001 , 20, 4024-4030	3.8	81
397	Are halocarboranes suitable for substitution reactions? The case for 3-I-1,2-closo-C(2)B(10)H(11): molecular orbital calculations, aryldehalogenation reactions, (11)B NMR interpretation of closo-carboranes, and molecular structures of 1-Ph-3-Br-1,2-closo-C(2)B(10)H(10) and 3-Ph-1,2-closo-C(2)B(10)H(11). <i>Inorganic Chemistry</i> , 2001 , 40, 6555-62	5.1	80
396	Procedure for the degradation of 1,2-(PR2)2-1,2-dicarba-closo-dodecaborane(12) and 1-(PR2)-2-R?-1,2-dicarba-closo-dodecaborane(12). <i>Journal of Organometallic Chemistry</i> , 1995 , 503, 193-203 ³		77
395	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, 544-53	4.8	76
394	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	16.4	70
393	Relevance of the electronegativity of boron in eta5-coordinating ligands: regioselective monoalkylation and monoarylation in cobaltabisdicarbollide [3,3'-Co(1,2-C2B9H11)2]- clusters. <i>Chemistry - A European Journal</i> , 2003 , 9, 4311-23	4.8	69
392	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, 17021-30	4.8	65
391	The formation of nido [7,8-(PR2)2-7,8-C2B9H10] from closo 1,2-(PR2)2,2-C2B10H10 (): a process enhanced by complexation. <i>Journal of Organometallic Chemistry</i> , 1996 , 509, 139-150	2.3	64
390	The [3,3?-Co(1,2-C2B9H11)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	4.3	63

- 389 High boron content carboranyl-functionalized aryl ether derivatives displaying photoluminescent properties. *Dalton Transactions*, **2007**, 1898-903 4.3 61
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