

Francesc Teixidor

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

424
papers

12,476
citations

55
h-index

79
g-index

492
ext. papers

13,612
ext. citations

6
avg, IF

6.28
L-index

#	Paper	IF	Citations
424	Advances in the catalytic and photocatalytic behavior of carborane derived metal complexes. <i>Advances in Catalysis</i> , 2022 ,	2.4	
423	A stand-alone cobalt bis(dicarbollide) photoredox catalyst epoxidates alkenes in water at extremely low catalyst load. <i>Green Chemistry</i> , 2021 , 23, 10123-10131	10	2
422	1.3 V Inorganic Sequential Redox Chain with an All-Anionic Couple 1-/2- in a Single Framework. <i>Inorganic Chemistry</i> , 2021 , 60, 16168-16177	5.1	1
421	pH-Responsive Self-Assembly of Amyloid Fibrils for Dual Hydrolase-Oxidase Reactions. <i>ACS Catalysis</i> , 2021 , 11, 595-607	13.1	14
420	Aqueous Persistent Noncovalent Ion-Pair Cooperative Coupling in a Ruthenium Cobaltabis(dicarbollide) System as a Highly Efficient Photoredox Oxidation Catalyst. <i>Inorganic Chemistry</i> , 2021 , 60, 8898-8907	5.1	3
419	Reversibly Switchable Fluorescent Molecular Systems Based on Metallacarborane-Perylenediimide Conjugates. <i>Chemistry - A European Journal</i> , 2021 , 27, 270-280	4.8	6
418	Tuning the Liquid Crystallinity of Cholesteryl-o-Carborane Dyads: Synthesis, Structure, Photoluminescence, and Mesomorphic Properties. <i>Crystals</i> , 2021 , 11, 133	2.3	1
417	Post-synthetic modification of a highly flexible 3D soft porous metal-organic framework by incorporating conducting polypyrrole: enhanced MOF stability and capacitance as an electrode material. <i>Chemical Communications</i> , 2021 , 57, 2523-2526	5.8	6
416	Synchrotron-Based Fourier-Transform Infrared Micro-Spectroscopy (SR-FTIRM) Fingerprint of the Small Anionic Molecule Cobaltabis(dicarbollide) Uptake in Glioma Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
415	Light-Induced On/Off Switching of the Surfactant Character of the o-Cobaltabis(dicarbollide) Anion with No Covalent Bond Alteration. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25753-25757	16.4	2
414	Towards purely inorganic clusters in medicine: Biocompatible divalent cations as counterions of cobaltabis(dicarbollide) and its iodinated derivatives. <i>Journal of Organometallic Chemistry</i> , 2021 , 950, 121997	2.3	
413	Cobaltabis(dicarbollide) ([-COSAN]) as Multifunctional Chemotherapeutics: A Prospective Application in Boron Neutron Capture Therapy (BNCT) for Glioblastoma.. <i>Cancers</i> , 2021 , 13,	6.6	2
412	Noncovalently Linked Metallacarboranes on Functionalized Magnetic Nanoparticles as Highly Efficient, Robust, and Reusable Photocatalysts in Aqueous Medium. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56372-56384	9.5	6
411	Nanostructure ITO and Get More of It. Better Performance at Lower Cost. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
410	AnthraceneEtyrene-substituted m-carborane derivatives: insights into the electronic and structural effects of substituents on photoluminescence. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2370-2380	6.8	3
409	-Carboranyl- and Metallacarboranyl [1,2,3]triazolyl-Decorated Lapatinib-Scaffold for Cancer Therapy Combining Tyrosine Kinase Inhibition and Boron Neutron Capture Therapy. <i>Cells</i> , 2020 , 9,	7.9	10
408	-Carborane as a Novel Core for Periphery-Decorated Macromolecules. <i>Molecules</i> , 2020 , 25,	4.8	5

407	Blue Emitting Star-Shaped and Octasilsesquioxane-Based Polyanions Bearing Boron Clusters. Photophysical and Thermal Properties. <i>Molecules</i> , 2020 , 25,	4.8	7
406	Metallacarborane Assemblies as Effective Antimicrobial Agents, Including a Highly Potent Anti-MRSA Agent. <i>Organometallics</i> , 2020 , 39, 4253-4264	3.8	5
405	A fast and simple B-C bond formation in metallacarboranes avoiding halometallacarboranes and transition metal catalysts. <i>Dalton Transactions</i> , 2020 , 49, 3525-3531	4.3	5
404	A Highly Water-Stable -Carborane-Based Copper Metal-Organic Framework for Efficient High-Temperature Butanol Separation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8299-8311	16.4	27
403	Atomistic Simulations of COSAN: Amphiphiles without a Head-and-Tail Design Display Head and Tail Surfactant Behavior. <i>Angewandte Chemie</i> , 2020 , 132, 3112-3116	3.6	7
402	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	16.4	22
401	Sunitinib-Containing Carborane Pharmacophore with the Ability to Inhibit Tyrosine Kinases Receptors FLT3, KIT and PDGFR- Exhibits Powerful In Vivo Anti-Glioblastoma Activity. <i>Cancers</i> , 2020 , 12,	6.6	9
400	Bimodal Therapeutic Agents Against Glioblastoma, One of the Most Lethal Forms of Cancer. <i>Chemistry - A European Journal</i> , 2020 , 26, 14335-14340	4.8	13
399	Magnetic Nanoparticles Fishing for Biomarkers in Artificial Saliva. <i>Molecules</i> , 2020 , 25,	4.8	1
398	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
397	Metallacarboranes as Photoredox Catalysts in Water. <i>Chemistry - A European Journal</i> , 2020 , 26, 5027-5036	4.8	15
396	A Reversible Phase Transition of 2D Coordination Layers by B-H...O(II) Interactions in a Coordination Polymer. <i>Molecules</i> , 2019 , 24,	4.8	5
395	Icosahedral carboranes as scaffolds for congested regioselective polyaryl compounds: the distinct distance tuning of C-C and its antipodal B-B. <i>Chemical Communications</i> , 2019 , 55, 8927-8930	5.8	4
394	A simple membrane with the electroactive [Sulfapyridine-H] ⁺ [Co(C ₂ B ₉ H ₁₁) ₂] ⁻ for the easy potentiometric detection of sulfonamides. <i>Journal of Organometallic Chemistry</i> , 2019 , 893, 32-38	2.3	3
393	Combining magnetic nanoparticles and icosahedral boron clusters in biocompatible inorganic nanohybrids for cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 20, 101986 ⁶	6	13
392	The Next Stage in Colloidal Synthesis of Aqueous CdSe Quantum Dots: High Throughput and Intense Emissive Properties. <i>ChemNanoMat</i> , 2019 , 5, 940-947	3.5	1
391	Slow-spin relaxation of a low-spin S = 1/2 Fe carborane complex. <i>Chemical Communications</i> , 2019 , 55, 3825-3828	5.8	10
390	3,2,1 and stop! An innovative, straightforward and clean route for the flash synthesis of metallacarboranes. <i>Green Chemistry</i> , 2019 , 21, 1925-1928	10	5

389	Dual Binding Mode of Metallocarborane Produces a Robust Shield on Proteins. <i>Chemistry - A European Journal</i> , 2019 , 25, 12820-12829	4.8	16
388	Are the Accompanying Cations of Doping Anions Influential in Conducting Organic Polymers? The Case of the Popular PEDOT. <i>Chemistry - A European Journal</i> , 2019 , 25, 14308-14319	4.8	5
387	The key to controlling the morphologies of quantum nanocrystals: spherical carborane ligands. <i>Chemical Communications</i> , 2019 , 55, 9817-9820	5.8	5
386	Periphery Decorated and Core Initiated Neutral and Polyanionic Borane large molecules: Forthcoming and Promising properties for medicinal applications. <i>Current Medicinal Chemistry</i> , 2019 ,	4.3	20
385	Carboranylanylinoquinazoline EGFR-inhibitors: toward 'lead-to-candidate' stage in the drug-development pipeline. <i>Future Medicinal Chemistry</i> , 2019 , 11, 2273-2285	4.1	10
384	Efficient blue light emitting materials based on m-carborane-anthracene dyads. Structure, photophysics and bioimaging studies. <i>Biomaterials Science</i> , 2019 , 7, 5324-5337	7.4	11
383	Tuning the deposition parameters for optimizing the faradaic and non-faradaic electrochemical performance of nanowire array-shaped ITO electrodes prepared by electron beam evaporation. <i>Nanoscale</i> , 2018 , 11, 276-284	7.7	10
382	Luminescence properties of carborane-containing distyrylaromatic systems. <i>Journal of Organometallic Chemistry</i> , 2018 , 865, 206-213	2.3	13
381	A highly selective potentiometric amphetamine microsensor based on all-solid-state membrane using a new ion-pair complex, [3,3'-Co(1,2-closo-C ₂ B ₉ H ₁₁) ₂][C ₉ H ₁₃ NH] ⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018 , 266, 823-829	8.5	14
380	Electron Accumulative Molecules. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2957-2970	16.4	32
379	Merging Icosahedral Boron Clusters and Magnetic Nanoparticles: Aiming toward Multifunctional Nanohybrid Materials. <i>Inorganic Chemistry</i> , 2018 , 57, 462-470	5.1	16
378	Deciphering the role of the cation in anionic cobaltabisdicarbollide clusters. <i>Journal of Organometallic Chemistry</i> , 2018 , 865, 214-225	2.3	25
377	Structural and dielectric properties of cobaltacarborane composite polybenzimidazole membranes as solid polymer electrolytes at high temperature. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 10173-10184	3.6	21
376	Cobaltabisdicarbollide-based Synthetic Vesicles 2018 , 159-173		2
375	A novel potentiometric microsensor for real-time detection of Irgarol using the ion-pair complex [Irgarol-H] ⁺ [Co(C ₂ B ₉ H ₁₁) ₂] ⁻ . <i>Sensors and Actuators B: Chemical</i> , 2018 , 268, 164-169	8.5	5
374	Halogenated Icosahedral Carboranes: A Platform for Remarkable Applications 2018 , 205-228		4
373	Tailored metallocarboranes as mediators for boosting the stability of carbon-based aqueous supercapacitors. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 345-352	5.8	13
372	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	4.8	35

371	Photoluminescence in m-carborane- π -anthracene triads: a combined experimental and computational study. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 11336-11347	7.1	11
370	A Novel Transparent pH Sensor Based on a Nanostructured ITO Electrode Coated with [3,3'-Co(1,2-C ₂ B ₉ H ₁₁) ₂]-Doped Poly(pyrrole). <i>Proceedings (mdpi)</i> , 2018 , 2, 869	0.3	1
369	Metallacarboranes on the Road to Anticancer Therapies: Cellular Uptake, DNA Interaction, and Biological Evaluation of Cobaltabisdicarbollide [COSAN]. <i>Chemistry - A European Journal</i> , 2018 , 24, 17239-17254	4.8	46
368	All inorganic coordination polymers have been made possible with the m-carboranylphosphinate ligand. <i>Dalton Transactions</i> , 2018 , 47, 14785-14798	4.3	7
367	Minimalist Prion-Inspired Polar Self-Assembling Peptides. <i>ACS Nano</i> , 2018 , 12, 5394-5407	16.7	24
366	An Unprecedented Stimuli-Controlled Single-Crystal Reversible Phase Transition of a Metal-Organic Framework and Its Application to a Novel Method of Guest Encapsulation. <i>Advanced Materials</i> , 2018 , 30, e1800726	24	25
365	Carborane-layered double hydroxide nanohybrids for potential targeted- and magnetically targeted-BNCT applications. <i>Dalton Transactions</i> , 2017 , 46, 3303-3310	4.3	26
364	m-Carboranylphosphinate as Versatile Building Blocks To Design all Inorganic Coordination Polymers. <i>Inorganic Chemistry</i> , 2017 , 56, 5502-5505	5.1	18
363	Crystal structure and Hirshfeld surface analysis of [N(CH ₃) ₄][2,2'-Fe(1,7-closo-C ₂ B ₉ H ₁₁) ₂]. <i>Journal of Organometallic Chemistry</i> , 2017 , 846, 74-80	2.3	1
362	Carboranycarboxylate Complexes as Efficient Catalysts in Epoxidation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4425-4429	2.3	4
361	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	4.8	40
360	Carborane Bis-pyridylalcohols as Linkers for Coordination Polymers: Synthesis, Crystal Structures, and Guest-Framework Dependent Mechanical Properties. <i>Crystal Growth and Design</i> , 2017 , 17, 846-857	3.5	25
359	Carborane-stilbene dyads: the influence of substituents and cluster isomers on photoluminescence properties. <i>Dalton Transactions</i> , 2017 , 46, 2091-2104	4.3	41
358	Biomimetic Inspired Core-Canopy Quantum Dots: Ions Trapped in Voids Induce Kinetic Fluorescence Switching. <i>Advanced Materials</i> , 2017 , 29, 1704238	24	57
357	Fluorescent carborane- π -vinylstilbene functionalised octasilsesquioxanes: synthesis, structural, thermal and photophysical properties. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 10211-10219	7.1	34
356	Tetrakis[[(p-dodecacarboranyl)methyl]stilbenyl]ethylene: A Luminescent Tetraphenylethylene (TPE) Core System. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4575-4580	2.3	25
355	Crystalline Inclusion Compounds of a Palladacyclic Tetraol Host Featuring o-Carborane Units. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4589-4598	2.3	1
354	Ion Transport across Biological Membranes by Carborane-Capped Gold Nanoparticles. <i>ACS Nano</i> , 2017 , 11, 12492-12499	16.7	33

- 353 Enhanced conductivity of sodium versus lithium salts measured by impedance spectroscopy. Sodium cobaltacarboranes as electrolytes of choice. *Physical Chemistry Chemical Physics*, **2017**, 19, 15172-15186²⁵
- 352 Switchable Surface Hydrophobicity-Hydrophilicity of a Metal-Organic Framework. *Angewandte Chemie*, **2016**, 128, 16283-16287 3.6 7
- 351 Switchable Surface Hydrophobicity-Hydrophilicity of a Metal-Organic Framework. *Angewandte Chemie - International Edition*, **2016**, 55, 16049-16053 16.4 57
- 350 Redox-Active Metallacarborane-Decorated Octasilsesquioxanes. Electrochemical and Thermal Properties. *Inorganic Chemistry*, **2016**, 55, 11630-11634 5.1 31
- 349 Electrochemistry and Photoluminescence of Icosahedral Carboranes, Boranes, Metallacarboranes, and Their Derivatives. *Chemical Reviews*, **2016**, 116, 14307-14378 68.1 290
- 348 Hückel's Rule of Aromaticity Categorizes Aromatic closo Boron Hydride Clusters. *Chemistry - A European Journal*, **2016**, 22, 7437-43 4.8 84
- 347 Carving a 1D Co(II)-carboranylcarboxylate system by using organic solvents to create stable trinuclear molecular analogues: complete structural and magnetic studies. *Dalton Transactions*, **2016**, 45, 10916-27 4.3 5
- 346 Metallacarboranes as tunable redox potential electrochemical indicators for screening of gene mutation. *Chemical Science*, **2016**, 7, 5786-5797 9.4 22
- 345 N,O-Type Carborane-Based Materials. *Crystals*, **2016**, 6, 50 2.3 15
- 344 Icosahedral boron clusters: a perfect tool for the enhancement of polymer features. *Chemical Society Reviews*, **2016**, 45, 5147-73 58.5 185
- 343 Synthesis, structures and properties of iron(III) complexes with (o-carboranyl)bis-(2-hydroxymethyl)pyridine: Racemic versus meso. *Inorganica Chimica Acta*, **2016**, 448, 97-103 2.7 3
- 342 Carboranylphosphinic Acids: A New Class of Purely Inorganic Ligands. *Chemistry - A European Journal*, **2016**, 22, 3665-70 4.8 8
- 341 Skipping the one C-C bond rule in Kumada cross coupling reaction. Diarylation from an only B in metallacarboranes. *Journal of Organometallic Chemistry*, **2015**, 798, 160-164 2.3 4
- 340 The effect of a paramagnetic metal ion within a molecule: comparison of the structurally identical paramagnetic [3,3-Fe(1,2-C₂B₉H₁₁)₂]- with the diamagnetic [3,3-Co(1,2-C₂B₉H₁₁)₂]- sandwich complexes. *Dalton Transactions*, **2015**, 44, 2809-18 4.3 9
- 339 Intramolecular hydrogen bonding stabilizes the nuclearity of complexes. A comparative study based on the H-carborane and Me-carborane framework. *Dalton Transactions*, **2015**, 44, 10399-409 4.3 8
- 338 High-boron-content porphyrin-cored aryl ether dendrimers: controlled synthesis, characterization, and photophysical properties. *Inorganic Chemistry*, **2015**, 54, 5021-31 5.1 22
- 337 Poly-iodinated closo 1,2-C₂B₁₀ and nido [7,8-C₂B₉]carborane frameworks: Synthesis and consequences. *Journal of Organometallic Chemistry*, **2015**, 798, 171-181 2.3 6
- 336 Intramolecular Communication in Anionic Oxidized Phosphanes through a Chelated Proton. *Chemistry - A European Journal*, **2015**, 21, 8613-25 4.8 5

335	Negatively charged metallocarborane redox couples with both members stable to air. <i>Chemistry - A European Journal</i> , 2015 , 21, 6888-97	4.8	16
334	Synthesis of Periphery-Decorated and Core-Initiated Borane Polyanionic Macromolecules. <i>Chemistry - A European Journal</i> , 2015 , 21, 10650-3	4.8	13
333	Synthesis of globular precursors. <i>Chemistry - A European Journal</i> , 2015 , 21, 12778-86	4.8	23
332	How to get the desired reduction voltage in a single framework! Metallocarborane as an optimal probe for sequential voltage tuning. <i>Dalton Transactions</i> , 2015 , 44, 11690-5	4.3	23
331	Is Molecular Chirality Connected to Supramolecular Chirality? The Particular Case of Chiral 2-Pyridyl Alcohols. <i>Crystal Growth and Design</i> , 2015 , 15, 935-945	3.5	13
330	Surface activity and molecular organization of metallocarboranes at the air-water interface revealed by nonlinear optics. <i>Langmuir</i> , 2015 , 31, 2297-303	4	35
329	Biological interaction of living cells with COSAN-based synthetic vesicles. <i>Scientific Reports</i> , 2015 , 5, 7804	4.9	44
328	Metal promoted charge and hapticities of phosphines: The uniqueness of carboranylphosphines. <i>Coordination Chemistry Reviews</i> , 2014 , 269, 54-84	23.2	81
327	Aqueous self-assembly and cation selectivity of cobaltabisdicarbollide dianionic dumbbells. <i>Chemistry - A European Journal</i> , 2014 , 20, 6786-94	4.8	36
326	A racemic and enantiopure unsymmetric diiron(III) complex with a chiral o-carborane-based pyridylalcohol ligand: combined chiroptical, magnetic, and nonlinear optical properties. <i>Chemistry - A European Journal</i> , 2014 , 20, 1081-90	4.8	18
325	Boron clusters-based metallodendrimers. <i>Inorganica Chimica Acta</i> , 2014 , 409, 12-25	2.7	26
324	Surfactant behaviour of metallocarboranes. A study based on the electrolysis of water. <i>Dalton Transactions</i> , 2014 , 43, 5062-8	4.3	47
323	Preparation and characterization of Au nanoparticles capped with mercaptocarboranyl clusters. <i>Dalton Transactions</i> , 2014 , 43, 5054-61	4.3	21
322	Imaging in living cells using B-H Raman spectroscopy: monitoring COSAN uptake. <i>Chemical Communications</i> , 2014 , 50, 3370-2	5.8	44
321	Aromaticity and three-dimensional aromaticity: two sides of the same coin?. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12191-5	16.4	187
320	Widely applicable metallocarborane reagents for π -conjugated systems. <i>Inorganic Chemistry</i> , 2014 , 53, 5803-9	5.1	4
319	Synthesis, structure, and catalytic applications for ortho- and meta-carboranyl based NBN pincer-Pd complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 9284-95	5.1	46
318	New PtII diimine-dithiolate complexes containing a 1,2-dithiolate-1,2-closo-dicarbododecarborane: an experimental and theoretical investigation. <i>Dalton Transactions</i> , 2014 , 43, 13649-60	4.3	9

3 ¹⁷	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
3 ¹⁶	Amphiphilic COSAN and I2-COSAN crossing synthetic lipid membranes: planar bilayers and liposomes. <i>Chemical Communications</i> , 2014 , 50, 6700-3	5.8	49
3 ¹⁵	COSAN as a molecular imaging platform: synthesis and "in vivo" imaging. <i>Chemical Communications</i> , 2014 , 50, 11415-7	5.8	32
3 ¹⁴	Controlling the pirouetting motion in rotaxanes by counterion exchange. <i>Inorganic Chemistry</i> , 2014 , 53, 8654-61	5.1	19
3 ¹³	Towards multifunctional materials incorporating elastomers and reversible redox-active fragments. <i>Chemistry - A European Journal</i> , 2014 , 20, 15808-15	4.8	8
3 ¹²	π-Aromaticity and Three-Dimensional Aromaticity: Two sides of the Same Coin?. <i>Angewandte Chemie</i> , 2014 , 126, 12387-12391	3.6	56
3 ¹¹	Water-soluble manganese inorganic polymers: the role of carborane clusters and producing large structural adjustments from minor molecular changes. <i>Chemistry - A European Journal</i> , 2014 , 20, 13993-4003	4.8	17
3 ¹⁰	Synthesis and Crystallographic Studies of Disubstituted Carboranyl Alcohol Derivatives: Prevailing Chiral Recognition?. <i>Crystal Growth and Design</i> , 2013 , 13, 1473-1484	3.5	12
3 ⁰⁹	Ion selective electrodes for protonable nitrogen containing analytes: Metallacarboranes as active membrane components. <i>Electrochimica Acta</i> , 2013 , 113, 94-98	6.7	15
3 ⁰⁸	Investigations on antimicrobial activity of cobaltabisdicarbollides. <i>Journal of Organometallic Chemistry</i> , 2013 , 747, 229-234	2.3	24
3 ⁰⁷	A water soluble Mn(II) polymer with aqua metal bridges. <i>Dalton Transactions</i> , 2013 , 42, 7838-41	4.3	12
3 ⁰⁶	Preferential chlorination vertices in cobaltabisdicarbollide anions. Substitution rate correlation with site charges computed by the two atoms natural population analysis method (2a-NPA). <i>Journal of Organometallic Chemistry</i> , 2013 , 747, 119-125	2.3	8
3 ⁰⁵	Directing polypyrrole growth by chemical micropatterns: A study of high-throughput well-ordered arrays of conductive 3D microrings. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 1003-1009	8.5	14
3 ⁰⁴	A simple link between hydrocarbon and borohydride chemistries. <i>Chemistry - A European Journal</i> , 2013 , 19, 4169-75	4.8	33
3 ⁰³	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
3 ⁰²	A Distinct Tetradentate N2O2-type Ligand: (o-Carboranyl)bis(2-hydroxymethyl)pyridine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1194-1198	1.3	7
3 ⁰¹	A versatile methodology for the controlled synthesis of photoluminescent high-boron-content dendrimers. <i>Chemistry - A European Journal</i> , 2013 , 19, 6299-312	4.8	43
3 ⁰⁰	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

299	Lyotropic lamellar phase formed from monolayered Bshaped carborane-cage amphiphiles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12114-8	16.4	96
298	Lyotropic Lamellar Phase Formed from Monolayered Bshaped Carborane-Cage Amphiphiles. <i>Angewandte Chemie</i> , 2013 , 125, 12336-12340	3.6	37
297	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
296	Influential role of ethereal solvent on organolithium compounds: the case of carboranyllithium. <i>Chemistry - A European Journal</i> , 2012 , 18, 3174-84	4.8	45
295	Boron and carbon: Antagonistic or complementary? Proposal for a simple prototype of a molecular clutch or molecular switch. <i>Pure and Applied Chemistry</i> , 2012 , 84, 2457-2465	2.1	12
294	From an icosahedron to a plane: flattening dodecaiodo-dodecaborate by successive stripping of iodine. <i>Chemistry - A European Journal</i> , 2012 , 18, 13208-12	4.8	24
293	Li ⁺ -mediated B-C cross-coupling. <i>Chemistry - A European Journal</i> , 2012 , 18, 12936-40	4.8	10
292	Metallosupramolecular Chemistry of Novel Chiral closo-o-Carboranylalcohol Pyridine and Quinoline Ligands: Syntheses, Characterization, and Properties of Cobalt Complexes. <i>Crystal Growth and Design</i> , 2012 , 12, 5720-5736	3.5	16
291	Chelation of a proton by oxidized diphosphines. <i>Journal of Organometallic Chemistry</i> , 2012 , 721-722, 124-129	2.3	3
290	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
289	Metallacarboranes and their interactions: theoretical insights and their applicability. <i>Chemical Society Reviews</i> , 2012 , 41, 3445-63	58.5	96
288	Synthesis and fluorescence emission of neutral and anionic di- and tetra-carboranyl compounds. <i>Dalton Transactions</i> , 2011 , 40, 7541-50	4.3	59
287	First investigations of a silicon neutron detector with a carborane converter. <i>Journal of Instrumentation</i> , 2011 , 6, P11001-P11001	1	4
286	Relaxed but highly compact diansa metallacyclophanes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 16537-52	16.4	28
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