

# Guillaume BÃ©langer-Chabot

## List of Publications by Year in descending order

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31  
papers

2,017  
citations

430754

18  
h-index

377752

34  
g-index

38  
all docs

38  
docs citations

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times ranked

2107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Azidoborolate anions and azidoborole adducts: isolable forms of an unstable borole azide. <i>Chemical Communications</i> , 2022, 58, 4735-4738.	2.2	3
2	Rethinking Borole Cycloaddition Reactivity. <i>Chemistry - A European Journal</i> , 2021, 27, 11226-11233.	1.7	13
3	Synthesis of Complex Boron-Nitrogen Heterocycles Comprising Borylated Triazenes and Tetrazenes Under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2020, 142, 1065-1076.	6.6	27
4	One-pot, room-temperature conversion of dinitrogen to ammonium chloride at a main-group element. <i>Nature Chemistry</i> , 2020, 12, 1076-1080.	6.6	81
5	Diboran(4)azide als stabile Quelle für kurzlebige Iminoborane. <i>Angewandte Chemie</i> , 2020, 132, 15608-15614.	1.6	7
6	Diborane(4) Azides: Surprisingly Stable Sources of Transient Iminoboranes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15480-15486.	7.2	21
7	Hexahalogenidborat-Dianionen: Eine neue Klasse binärer Borhalogenide. <i>Angewandte Chemie</i> , 2019, 131, 14408-14412.	1.6	6
8	Hexahalodiborate Dianions: A New Family of Binary Boron Halides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14270-14274.	7.2	18
9	Lewis-Base Stabilization of the Parent Al(I) Hydride under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 16954-16960.	6.6	45
10	The reductive coupling of dinitrogen. <i>Science</i> , 2019, 363, 1329-1332.	6.0	199
11	Nitrogen fixation and reduction at boron. <i>Science</i> , 2018, 359, 896-900.	6.0	948
12	Influence of the catalyst structure in the cycloaddition of isocyanates to oxiranes promoted by tetraarylstibonium cations. <i>Dalton Transactions</i> , 2018, 47, 11843-11850.	1.6	39
13	Intriguing migrations in transient iminoborane adducts: two new pathways to aminoboranes. <i>Chemical Communications</i> , 2018, 54, 9349-9351.	2.2	11
14	Cleavage of BN triple bonds by main group reagents. <i>Chemical Communications</i> , 2018, 54, 8210-8213.	2.2	15
15	Synthesis and Characterization of Nitro-, Trinitromethyl-, and Fluorodinitromethyl-Substituted Triazolyl- and Tetrazolyl-trihydridoborate Anions. <i>Chemistry - A European Journal</i> , 2017, 23, 13087-13099.	1.7	12
16	Cover Feature: Recent Developments in Azaborinine Chemistry ( <i>Eur. J. Inorg. Chem.</i> 38(39/2017)). <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4347-4347.	1.0	0
17	Dinitramidoborates: A Fascinating Case of Competing Oxygen and Nitrogen Donors and Tautomerism. <i>Angewandte Chemie</i> , 2017, 129, 11021-11025.	1.6	3
18	Dinitramidoborates: A Fascinating Case of Competing Oxygen and Nitrogen Donors and Tautomerism. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10881-10885.	7.2	2

#	ARTICLE	IF	CITATIONS
19	On the Reaction of Naphthalene Diimides with Fluoride Ions: Acid/Base versus Redox Reactions. <i>Angewandte Chemie</i> , 2017, 129, 10090-10093.	1.6	23
20	On the Reaction of Naphthalene Diimides with Fluoride Ions: Acid/Base versus Redox Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9958-9961.	7.2	65
21	Recent Developments in Azaborinine Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4353-4368.	1.0	170
22	Mono-boratabenzene and -phospholyl zirconocene(IV) derivatives: Towards mixed heterocycles zirconocene complexes. <i>Polyhedron</i> , 2016, 108, 15-22.	1.0	6
23	Ammoniaâ€“(Dinitramido)boranes: Highâ€“Energyâ€“Density Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11730-11734.	7.2	45
24	Synthesis and Characterization of Fluorodinitroamine, FN(NO <sub>2</sub> ) <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1316-1320.	7.2	20
25	R¼ctitelbild: Nitryl Cyanide, NCNO <sub>2</sub> ( <i>Angew. Chem.</i> 27/2014). <i>Angewandte Chemie</i> , 2014, 126, 7216-7216.	1.6	0
26	Nitryl Cyanide, NCNO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6893-6897.	7.2	45
27	Insights into the Formation of Borabenzene Adducts via Ligand Exchange Reactions and TMSCl Elimination from Boracyclohexadiene Precursors. <i>Organometallics</i> , 2014, 33, 3596-3606.	1.1	24
28	[BH <sub>3</sub> C(NO <sub>2</sub> ) <sub>3</sub> ] <sup>âˆ’</sup> : The First Roomâ€“Temperature Stable (Trinitromethyl)borate. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11002-11006.	7.2	23
29	Reactivity of a functionalized trisamido ligand with Zr(NMe <sub>2</sub> ) <sub>4</sub> and GaMe <sub>3</sub> . <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2211-2216.	0.8	1
30	Synthesis of a 1-boratabenzene-(2,3,4,5-tetramethylphosphole): towards a planar monophosphole. <i>Chemical Communications</i> , 2010, 46, 6816.	2.2	30
31	[(IMes) <sub>2</sub> Pt(H)(ClBC <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> )]: a Borabenzeneâ€“Platinum Adduct with an Unusual Ptâ€“Clâ€“B Interaction. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6695-6698.	7.2	40