Guillaume BÃ©langer-Chabot

List of Publications by Year
in descending order

31 papers	2,017 citations	430754 18 h-index	377752 34 g-index
38 all docs	38 docs citations	38 times ranked	2107 citing authors

#	Article	IF	Citations
1	Nitrogen fixation and reduction at boron. Science, 2018, 359, 896-900.	6.0	948
2	The reductive coupling of dinitrogen. Science, 2019, 363, 1329-1332.	6.0	199
3	Recent Developments in Azaborinine Chemistry. European Journal of Inorganic Chemistry, 2017, 2017, 4353-4368.	1.0	170
4	One-pot, room-temperature conversion of dinitrogen to ammonium chloride at a main-group element. Nature Chemistry, 2020, 12, 1076-1080.	6.6	81
5	On the Reaction of Naphthalene Diimides with Fluoride Ions: Acid/Base versus Redox Reactions. Angewandte Chemie - International Edition, 2017, 56, 9958-9961.	7.2	65
6	Nitryl Cyanide, NCNO₂. Angewandte Chemie - International Edition, 2014, 53, 6893-6897.	7.2	45
7	Ammoniaâ€“(Dinitramido)boranes: Highâ€Energyâ€Density Materials. Angewandte Chemie - International Edition, 2015, 54, 11730-11734.	7.2	45
8	Lewis-Base Stabilization of the Parent Al(I) Hydride under Ambient Conditions. Journal of the American Chemical Society, 2019, 141, 16954-16960.	6.6	45
9	[(IMes)₂Pt(H)(ClBC₅H₄SiMe₃)]: a Borabenzeneâ€“Platinum Adduct with an Unusual Ptâ€Clâ€B Interaction. Angewandte Chemie - International Edition, 2009, 48, 6695-6698.	7.2	40
10	Influence of the catalyst structure in the cycloaddition of isocyanates to oxiranes promoted by tetraarylstibonium cations. Dalton Transactions, 2018, 47, 11843-11850.	1.6	39
11	Synthesis of a 1-boratabenzene-(2,3,4,5-tetramethylphosphole): towards a planar monophosphole. Chemical Communications, 2010, 46, 6816.	2.2	30
12	Synthesis of Complex Boronâ€“Nitrogen Heterocycles Comprising Borylated Triazenes and Tetrazenes Under Mild Conditions. Journal of the American Chemical Society, 2020, 142, 1065-1076.	6.6	27
13	Insights into the Formation of Borabenzene Adducts via Ligand Exchange Reactions and TMSCl Elimination from Boracyclohexadiene Precursors. Organometallics, 2014, 33, 3596-3606.	1.1	24
14	[BH₃C(NO₂)₃]^{â^’}: The First Roomâ€Temperature Stable (Trinitromethyl)borate. Angewandte Chemie - International Edition, 2013, 52, 11002-11006.	7.2	23
15	On the Reaction of Naphthalene Diimides with Fluoride Ions: Acid/Base versus Redox Reactions. Angewandte Chemie, 2017, 129, 10090-10093.	1.6	23
16	Diborane(4) Azides: Surprisingly Stable Sources of Transient Iminoboranes. Angewandte Chemie - International Edition, 2020, 59, 15480-15486.	7.2	21
17	Synthesis and Characterization of Fluorodinitroamine, FN(NO₂)₂. Angewandte Chemie - International Edition, 2015, 54, 1316-1320.	7.2	20
18	Hexahalodiborate Dianions: A New Family of Binary Boron Halides. Angewandte Chemie - International Edition, 2019, 58, 14270-14274.	7.2	18

#	Article	IF	Citations
19	Cleavage of BN triple bonds by main group reagents. Chemical Communications, 2018, 54, 8210-8213.	2.2	15
20	Rethinking Borole Cycloaddition Reactivity. Chemistry - A European Journal, 2021, 27, 11226-11233.	1.7	13
21	Synthesis and Characterization of Nitroâ€, Trinitromethylâ€, and Fluorodinitromethylâ€Substituted Triazolylâ€and Tetrazolylâ€trihydridoborate Anions. Chemistry - A European Journal, 2017, 23, 13087-13099.	1.7	12
22	Intriguing migrations in transient iminoborane adducts: two new pathways to aminoboranes. Chemical Communications, 2018, 54, 9349-9351.	2.2	11
23	Diboran(4)azide als stabile Quelle fÃ¼r kurzlebige Iminoborane. Angewandte Chemie, 2020, 132, 15608-15614.	1.6	7
24	Mono-boratabenzene and -phospholyl zirconocene(IV) derivatives: Towards mixed heterocycles zirconocene complexes. Polyhedron, 2016, 108, 15-22.	1.0	6
25	HexahalogendiboratâÐianionen: Eine neue Klasse binÃrer Borhalogenide. Angewandte Chemie, 2019, 131, 14408-14412.	1.6	6
26	Dinitramidoborates: A Fascinating Case of Competing Oxygen and Nitrogen Donors and Tautomerism. Angewandte Chemie, 2017, 129, 11021-11025.	1.6	3
27	Azidoborolate anions and azidoborole adducts: isolable forms of an unstable borole azide. Chemical Communications, 2022, 58, 4735-4738.	2.2	3
28	Dinitramidoborates: A Fascinating Case of Competing Oxygen and Nitrogen Donors and Tautomerism. Angewandte Chemie - International Edition, 2017, 56, 10881-10885.	7.2	2
29	Reactivity of a functionalized trisamido ligand with Zr(NMe2)4 and GaMe3. Journal of Organometallic Chemistry, 2011, 696, 2211-2216.	0.8	1
30	RÃ¼cktitelbild: Nitryl Cyanide, NCNO2(Angew. Chem. 27/2014). Angewandte Chemie, 2014, 126, 7216-7216.	1.6	0
31	Cover Feature: Recent Developments in Azaborinine Chemistry (Eur. J. Inorg. Chem. 38â€39/2017). European Journal of Inorganic Chemistry, 2017, 2017, 4347-4347.	1.0	0