

# Gerhard

## List of Publications by Year in descending order

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248  
papers

18,214  
citations

17440

63  
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14759

127  
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265  
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265  
docs citations

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times ranked

4827  
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#	ARTICLE	IF	CITATIONS
1	Frustrated Lewis Pairs: Metal-free Hydrogen Activation and More. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 46-76.	13.8	1,800
2	Frustrated Lewis Pair Chemistry: Development and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6400-6441.	13.8	1,444
3	Reversible Metal-free Carbon Dioxide Binding by Frustrated Lewis Pairs. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6643-6646.	13.8	680
4	Rapid intramolecular heterolytic dihydrogen activation by a four-membered heterocyclic phosphane-borane adduct. <i>Chemical Communications</i> , 2007, , 5072.	4.1	563
5	Metal-free Catalytic Hydrogenation of Enamines, Imines, and Conjugated Phosphinoalkenylboranes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7543-7546.	13.8	426
6	The Mechanism of Dihydrogen Activation by Frustrated Lewis Pairs Revisited. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1402-1405.	13.8	394
7	Frustrated Lewis pair chemistry of carbon, nitrogen and sulfur oxides. <i>Chemical Science</i> , 2014, 5, 2625-2641.	7.4	386
8	Lewis Acid Properties of Tris(pentafluorophenyl)borane. Structure and Bonding in $L\ddot{a}B(C_6F_5)_3$ Complexes. <i>Organometallics</i> , 1999, 18, 1724-1735.	2.3	337
9	Tris(pentafluorophenyl)borane: a special boron Lewis acid for special reactions. <i>Dalton Transactions</i> , 2005, , 1883.	3.3	332
10	Heterolytic dihydrogen activation with the 1,8-bis(diphenylphosphino)naphthalene/ $B(C_6F_5)_3$ pair and its application for metal-free catalytic hydrogenation of silyl enol ethers. <i>Chemical Communications</i> , 2008, , 5966.	4.1	277
11	Reactions of an Intramolecular Frustrated Lewis Pair with Unsaturated Substrates: Evidence for a Concerted Olefin Addition Reaction. <i>Journal of the American Chemical Society</i> , 2009, 131, 12280-12289.	13.7	218
12	The Remarkable Features of ( $\eta$ -4-Conjugated Diene)zirconocene and -hafnocene Complexes. <i>Advances in Organometallic Chemistry</i> , 1985, , 1-39.	1.0	212
13	Synthesis, structure, and equilibration of s-cis- and s-trans- $\eta$ -4-conjugated diene-zirconocene complexes. <i>Journal of the American Chemical Society</i> , 1980, 102, 6344-6346.	13.7	209
14	Capture of NO by a Frustrated Lewis Pair: A New Type of Persistent $\langle i \rangle N \langle /i \rangle$ -Oxyl Radical. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7567-7571.	13.8	181
15	1,1-Carboboration. <i>Chemical Communications</i> , 2012, 48, 1839-1850.	4.1	180
16	Reaction of Frustrated Lewis Pairs with Conjugated Ynones-selective Hydrogenation of the Carbon-carbon Triple Bond. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7183-7186.	13.8	169
17	$\langle i \rangle N \langle /i \rangle$ , $\langle i \rangle N \langle /i \rangle$ -Addition of Frustrated Lewis Pairs to Nitric Oxide: An Easy Entry to a Unique Family of Aminoxy Radicals. <i>Journal of the American Chemical Society</i> , 2012, 134, 10156-10168.	13.7	153
18	Reactions of phosphorus/boron frustrated Lewis pairs with $SO_2$ . <i>Chemical Science</i> , 2013, 4, 213-219.	7.4	150

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19	CO <sub>2</sub> and Formate Complexes of Phosphine/Borane Frustrated Lewis Pairs. Chemistry - A European Journal, 2011, 17, 9640-9650.	3.3	146
20	Carbon-Carbon Bond Activation by 1,1-Carboboration of Internal Alkynes. Journal of the American Chemical Society, 2010, 132, 13594-13595.	13.7	145
21	Facile Carbon Monoxide Reduction at Intramolecular Frustrated Phosphane/Borane Lewis Pair Templates. Angewandte Chemie - International Edition, 2013, 52, 2243-2246.	13.8	143
22	Addition reactions to the intramolecular mesityl <sub>2</sub> P=CH <sub>2</sub> =CH <sub>2</sub> B(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> frustrated Lewis pair. Dalton Transactions, 2010, 39, 7556.	3.3	141
23	Intramolecular frustrated N/B lewis pairs by enamine hydroboration. Chemical Science, 2011, 2, 1842.	7.4	140
24	Frustrated Lewis Pair Behavior of Intermolecular Amine/B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> Pairs. Organometallics, 2012, 31, 2367-2378.	2.3	133
25	Formylborane Formation with Frustrated Lewis Pair Templates. Angewandte Chemie - International Edition, 2014, 53, 1118-1121.	13.8	127
26	Formation of Cyclic Allenes and Cumulenes by Cooperative Addition of Frustrated Lewis Pairs to Conjugated Enynes and Diynes. Angewandte Chemie - International Edition, 2010, 49, 2414-2417.	13.8	125
27	1,1-Carboboration of 1-Alkynes: A Conceptual Alternative to the Hydroboration Reaction. Organic Letters, 2011, 13, 62-65.	4.6	121
28	Chemistry of a geminal frustrated Lewis pair featuring electron withdrawing C <sub>6</sub> F <sub>5</sub> substituents at both phosphorus and boron. Chemical Communications, 2011, 47, 4288.	4.1	118
29	Frustrated Lewis Pair Mediated Hydrogenations. Topics in Current Chemistry, 2013, 332, 85-110.	4.0	115
30	Cyclizations via Frustrated Lewis Pairs: Lewis Acid Induced Intramolecular Additions of Amines to Olefins and Alkynes. Chemistry - A European Journal, 2010, 16, 3005-3008.	3.3	113
31	Frustrated Lewis pairs: Some recent developments. Pure and Applied Chemistry, 2012, 84, 2203-2217.	1.9	111
32	Reaction of the Lewis Acid Tris(pentafluorophenyl)borane with a Phosphorus Ylide: A Competition between Adduct Formation and Electrophilic and Nucleophilic Aromatic Substitution Pathways. Organometallics, 1998, 17, 2183-2187.	2.3	110
33	Reactions of a Cationic Geminal Zr <sup>+</sup> /P Pair with Small Molecules. Journal of the American Chemical Society, 2013, 135, 6465-6476.	13.7	107
34	Exploring the Limits of Frustrated Lewis Pair Chemistry with Alkynes: Detection of a System that Favors 1,1-Carboboration over Cooperative 1,2-P/B Addition. Chemistry - an Asian Journal, 2010, 5, 2199-2208.	3.3	106
35	P-C Bond Activation Chemistry: Evidence for 1,1-Carboboration Reactions Proceeding with Phosphorus-Carbon Bond Cleavage. Journal of the American Chemical Society, 2011, 133, 4610-4616.	13.7	103
36	Electronic Control of Frustrated Lewis Pair Behavior: Chemistry of a Geminal Alkylidene-Bridged Per-pentafluorophenylated P/B Pair. Organometallics, 2011, 30, 4211-4219.	2.3	101

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37	Borole Formation by 1,1-Carboboration. <i>Journal of the American Chemical Society</i> , 2014, 136, 68-71.	13.7	101
38	Structure and Dynamic Features of an Intramolecular Frustrated Lewis Pair. <i>Chemistry - A European Journal</i> , 2010, 16, 14069-14073.	3.3	99
39	Alkenylborane-Derived Frustrated Lewis Pairs: Metal-Free Catalytic Hydrogenation Reactions of Electron-Deficient Alkenes. <i>Organometallics</i> , 2012, 31, 5638-5649.	2.3	98
40	Carbonylation Reactions of Intramolecular Vicinal Frustrated Phosphane/Borane Lewis Pairs. <i>Journal of the American Chemical Society</i> , 2013, 135, 18567-18574.	13.7	94
41	Five-Membered Zirconacycloalleneoids: Synthesis and Characterization of Members of a Unique Class of Internally Metal-Stabilized Bent Allenoid Compounds. <i>Journal of the American Chemical Society</i> , 2009, 131, 1996-2007.	13.7	90
42	Noninteracting, Vicinal Frustrated P/B-Lewis Pair at the Norbornane Framework: Synthesis, Characterization, and Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 8882-8895.	13.7	89
43	Five-Membered Metallacyclic Allenoids: Synthesis and Structure of Remarkably Stable Strongly Distorted Cyclic Allene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2622-2625.	13.8	81
44	Remarkable coordination behavior of alkyl isocyanides toward unsaturated vicinal frustrated P/B Lewis pairs. <i>Chemical Science</i> , 2013, 4, 2657.	7.4	81
45	New Insights into Frustrated Lewis Pairs: Structural Investigations of Intramolecular Phosphane-Borane Adducts by Using Modern Solid-State NMR Techniques and DFT Calculations. <i>Journal of the American Chemical Society</i> , 2012, 134, 4236-4249.	13.7	78
46	Frustrated Lewis pairs: Reactions with dihydrogen and other "small molecules". <i>Comptes Rendus Chimie</i> , 2011, 14, 831-841.	0.5	77
47	Advanced 1,1-carboboration reactions with pentafluorophenylboranes. <i>Chemical Science</i> , 2016, 7, 56-65.	7.4	75
48	The 1,1-Carboboration of Bis(alkynyl)phosphanes as a Route to Phosphole Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1954-1957.	13.8	74
49	Reaction of a Bridged Frustrated Lewis Pair with Nitric Oxide: A Kinetics Study. <i>Journal of the American Chemical Society</i> , 2014, 136, 513-519.	13.7	73
50	Phosphirenium-borate zwitterion: formation in the 1,1-carboboration reaction of phosphinylalkynes. <i>Chemical Communications</i> , 2011, 47, 10482.	4.1	70
51	Generation of Homogeneous (sp <sup>3</sup> -C1)-Bridged Cp/Amido and Cp/Phosphido Group 4 Metal Ziegler-Natta Catalyst Systems. <i>Journal of the American Chemical Society</i> , 2001, 123, 6181-6182.	13.7	69
52	Heterolytic Cleavage of Dihydrogen by Frustrated Lewis Pairs Derived from $\hat{\text{I}}\text{-}(\text{Dimesitylphosphino})\text{ferrocenes}$ and $\text{B}(\text{C}_6\text{F}_5)_3$ . <i>Organometallics</i> , 2008, 27, 5279-5284.	2.3	69
53	Synthesis, Structural Features, and Formation of Organometallic Derivates of C1-Bridged Cp/Amido Titanium and Zirconium CpCN-Constrained Geometry-Systems. <i>Organometallics</i> , 2005, 24, 4760-4773.	2.3	67
54	Phosphido- and Amidozirconocene Cation-Based Frustrated Lewis Pair Chemistry. <i>Journal of the American Chemical Society</i> , 2015, 137, 10796-10808.	13.7	67

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55	Formation of sp <sup>3</sup> -C1-Bridged Cp/Amido Titanium and Zirconium $\eta^5$ -CpCN $\eta^6$ -Constrained-Geometry Ziegler-Natta Catalyst Systems. <i>Organometallics</i> , 2002, 21, 1031-1041.	2.3	66
56	Intramolecular Frustrated Lewis Pairs: Formation and Chemical Features. <i>Topics in Current Chemistry</i> , 2012, 332, 45-83.	4.0	66
57	$\delta^{\pm}$ -CH acidity of alkyl $\eta^6$ -B(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> compounds – the role of stabilized borata-alkene formation in frustrated Lewis pair chemistry. <i>Chemical Science</i> , 2015, 6, 816-825.	7.4	66
58	Frustrated Lewis Pair Modification by 1,1-Carboboration: Disclosure of a Phosphine Oxide Triggered Nitrogen Monoxide Addition to an Intramolecular P/B Frustrated Lewis Pair. <i>Journal of the American Chemical Society</i> , 2014, 136, 9014-9027.	13.7	65
59	Frustrated Lewis Pair Chemistry: Searching for New Reactions. <i>Chemical Record</i> , 2017, 17, 803-815.	5.8	63
60	Reactions of Modified Intermolecular Frustrated P/B Lewis Pairs with Dihydrogen, Ethene, and Carbon Dioxide. <i>Organometallics</i> , 2012, 31, 2801-2809.	2.3	62
61	Formation of Unsaturated Vicinal Zr <sup>+/+</sup> /P Frustrated Lewis Pairs by the Unique 1,1-Carbozirconation Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 12431-12443.	13.7	60
62	Electronic control in frustrated Lewis pair chemistry: adduct formation of intramolecular FLP systems with $\eta^6$ -P(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> Lewis base components. <i>Dalton Transactions</i> , 2013, 42, 4487.	3.3	59
63	Evidence for a Continuous Transition between Thiaphosphetane and Betaine-Type Structures in the Thio-Wittig Reaction. <i>Journal of the American Chemical Society</i> , 1998, 120, 4863-4864.	13.7	56
64	The Chemistry of a Non-Interacting Vicinal Frustrated Phosphane/Borane Lewis Pair. <i>Chemistry - A European Journal</i> , 2017, 23, 6056-6068.	3.3	56
65	Chemistry of Metal $\eta^6$ -Metal-Bonded Early $\eta^6$ -Late Heterobimetallics: Cooperative Reactions of Functional Groups at a Persistent Organometallic Zr $\eta^6$ -Rh Framework. <i>Organometallics</i> , 2005, 24, 214-225.	2.3	53
66	1,2-Olefin addition of a frustrated amine $\eta^6$ -borane Lewis pair. <i>Chemical Communications</i> , 2009, , 7417.	4.1	53
67	Metal-Free Arene and Heteroarene Borylation Catalyzed by Strongly Electrophilic Bisboranes. <i>Chemistry - A European Journal</i> , 2017, 23, 12141-12144.	3.3	51
68	Uncovering Alternative Reaction Pathways Taken by Group 4 Metallocene Cations: Facile Intramolecular CH Activation of Cp $\eta^5$ -(Dimethylamino)alkyl Substituents by a Methylzirconocene Cation. <i>Organometallics</i> , 1997, 16, 2891-2899.	2.3	50
69	Hydrogen Activation by an Intramolecular Boron Lewis Acid/Zirconocene Pair. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8830-8833.	13.8	50
70	CO-Reduction Chemistry: Reaction of a CO-Derived Formylhydridoborate with Carbon Monoxide, with Carbon Dioxide, and with Dihydrogen. <i>Journal of the American Chemical Society</i> , 2017, 139, 6474-6483.	13.7	50
71	Facile 1,1-Carboboration Reactions of Acetylenic Thioethers. <i>Organometallics</i> , 2013, 32, 384-386.	2.3	48
72	The frustrated Lewis pair pathway to methylene phosphonium systems. <i>Chemical Science</i> , 2014, 5, 797-803.	7.4	47

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73	Selective Oxidation of an Active Intramolecular Amine/Borane Frustrated Lewis Pair with Dioxygen. <i>Journal of the American Chemical Society</i> , 2016, 138, 4302-4305.	13.7	46
74	Evidence for Î±-Nitrogen Participation in the Internal C-H Activation Reaction at ((Dimethylamino)methyl)cyclopentadienyl-Derived Methylzirconocene Cations. <i>Organometallics</i> , 1999, 18, 3818-3826.	2.3	45
75	1,1-Carbozirconation: Unusual Reaction of an Alkyne with a Methyl Zirconocene Cation and Subsequent Frustrated Lewis Pair Like Reactivity. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13629-13632.	13.8	45
76	1,1-Carboboration Route to Substituted Naphthalenes. <i>Organic Letters</i> , 2012, 14, 1448-1451.	4.6	44
77	A Ferrocene-Based Phosphane/Borane Frustrated Lewis Pair for Asymmetric Imine Reduction. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 368-371.	2.0	43
78	Reaction of Frustrated Lewis Pairs with Ketones and Esters. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1347-1356.	3.3	42
79	A Unique Frustrated Lewis Pair Pathway to Remarkably Stable Borata-Alkene Systems. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3312-3315.	2.0	42
80	Borata-alkene derivatives conveniently made by frustrated Lewis pair chemistry. <i>Dalton Transactions</i> , 2014, 43, 632-638.	3.3	42
81	Reactions of Boroles Formed by 1,1-Carboboration. <i>Organometallics</i> , 2015, 34, 229-235.	2.3	42
82	Syntheses and reactions of fulvene-derived substituted aminoalkyl-Cp and phosphinoalkyl-Cp-Group 4 metal complexes. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1056-1070.	18.8	41
83	Treatment of Naphthols with B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> : Formation and Characterization of the Lewis Acid Adducts of Their Keto Isomers. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3362-3365.	13.8	40
84	Stabilized borata-alkene formation: structural features, reactions and the role of the counter cation. <i>Dalton Transactions</i> , 2015, 44, 21032-21040.	3.3	39
85	Cooperative 1,1-addition reactions of vicinal phosphane/borane frustrated Lewis pairs. <i>Coordination Chemistry Reviews</i> , 2016, 306, 468-482.	18.8	38
86	Preparation of the Borane (Fmes)BH <sub>2</sub> and its Utilization in the FLP Reduction of Carbon Monoxide and Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6737-6741.	13.8	38
87	Alkene Addition of Frustrated P/B and N/B Lewis Pairs at the [3]Ferrocenophane Framework. <i>Organometallics</i> , 2011, 30, 584-594.	2.3	37
88	Why Does the Intramolecular Trimethylene-Bridged Frustrated Lewis Pair Mes <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> B(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> Not Activate Dihydrogen?. <i>Chemistry - A European Journal</i> , 2016, 22, 5988-5995.	3.3	37
89	Photochemical isomerisation of boryl-substituted silole derivatives. <i>Chemical Communications</i> , 2010, 46, 3016.	4.1	36
90	Frustrated Lewis Pair Chemistry Derived from Bulky Allenyl and Propargyl Phosphanes. <i>Chemistry - A European Journal</i> , 2016, 22, 1103-1113.	3.3	36

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91	Intermolecular Redox-Neutral Amine C-H Functionalization Induced by the Strong Boron Lewis Acid B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> in the Frustrated Lewis Pair Regime. <i>Chemistry - A European Journal</i> , 2017, 23, 4723-4729.	3.3	36
92	Solid state frustrated Lewis pair chemistry. <i>Chemical Science</i> , 2018, 9, 4859-4865.	7.4	35
93	Preparation of Dihydroborole Derivatives by a Simple 1,1-Carboboration Route. <i>Organometallics</i> , 2012, 31, 2445-2451.	2.3	34
94	Reactions of a methylzirconocene cation with phosphinoalkynes: an alternative pathway for generating Cp <sub>2</sub> Zr(ii) systems. <i>Chemical Communications</i> , 2012, 48, 6109.	4.1	33
95	Reaction of an "invisible" Frustrated N/B Lewis Pair with Dihydrogen. <i>Chemistry - an Asian Journal</i> , 2013, 8, 212-217.	3.3	33
96	A hydroboration route to geminal P/B frustrated Lewis pairs with a bulky secondary phosphane component and their reaction with carbon dioxide. <i>Dalton Transactions</i> , 2017, 46, 11715-11721.	3.3	33
97	Tellurobenzaldehyde by Staudinger-Chalcogenation of the Ylide Benzylidene triphenylphosphorane. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 179-180.	4.4	32
98	Stereochemistry of the [4 + 2] Cycloaddition of Diarylselenoketones with Conjugated Dienes. <i>Journal of the American Chemical Society</i> , 1995, 117, 10922-10930.	13.7	32
99	Remarkable Behavior of a Bifunctional Alkynylborane Zirconocene Complex toward Donor Ligands and Acetylenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 17444-17456.	13.7	32
100	Structural features and reactions of a geminal frustrated phosphane/borane Lewis pair. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 149-155.	1.8	32
101	Benzannulation of Heterocyclic Frameworks by 1,1-Carboboration Pathways. <i>Journal of Organic Chemistry</i> , 2015, 80, 2240-2248.	3.2	32
102	Synthetic Endeavors toward Titanium Based Frustrated Lewis Pairs with Controlled Electronic and Steric Properties. <i>Organometallics</i> , 2015, 34, 2000-2011.	2.3	32
103	Cooperative carbon monoxide to formyl reduction at a trifunctional PBB frustrated Lewis pair. <i>Chemical Communications</i> , 2017, 53, 5499-5502.	4.1	32
104	Borata-Wittig olefination reactions of ketones, carboxylic esters and amides with bis(pentafluorophenyl)borata-alkene reagents. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6223-6232.	2.8	32
105	Formation of macrocyclic ring systems by carbonylation of trifunctional P/B/B frustrated Lewis pairs. <i>Chemical Science</i> , 2018, 9, 1544-1550.	7.4	32
106	Reaction of strongly electrophilic alkenylboranes with phosphanylalkynes: rare examples of intermolecular 1,1-alkenylboration reactions. <i>Chemical Communications</i> , 2013, 49, 6992.	4.1	31
107	Developing Phosphastork Chemistry Induced by a Borane Lewis Acid. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12168-12171.	13.8	31
108	Functional-Group Chemistry of Organolithium Compounds: Photochemical [2+2] Cycloaddition of Alkenyl-Substituted Lithium Cyclopentadienides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3079-3082.	13.8	30

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109	Unusual 1,1-Hydroboration Route to a Reactive Unsaturated Vicinal Frustrated Phosphane/Borane Lewis Pair. <i>Organometallics</i> , 2018, 37, 2665-2668.	2.3	30
110	Frustrated Lewis pair addition to conjugated diynes: Formation of zwitterionic 1,2,3-butatriene derivatives. <i>Dalton Transactions</i> , 2012, 41, 9135.	3.3	29
111	Functional group chemistry at intramolecular frustrated Lewis pairs: substituent exchange at the Lewis acid site with 9-BBN. <i>Dalton Transactions</i> , 2013, 42, 709-718.	3.3	29
112	An Ethylene-bridged Phosphane/Borane Frustrated Lewis Pair Featuring the $\sigma$ -B(Fxyl) <sub>2</sub> Lewis Acid Component. <i>Chemistry - A European Journal</i> , 2016, 22, 11015-11021.	3.3	29
113	Formation of Thermally Robust Frustrated Lewis Pairs by Electrocyclic Ring Closure Reactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5526-5530.	13.8	29
114	Rapid Dihydrogen Cleavage by Persistent Nitroxide Radicals under Frustrated Lewis Pair Conditions. <i>Chemistry - A European Journal</i> , 2016, 22, 9504-9507.	3.3	29
115	Frustrated Lewis Pair vs Metal-free Carbon- $\sigma$ -Bond Insertion Chemistry at an <i>o</i> -Phenylene-Bridged Cp <sub>2</sub> Zr <sup>+</sup> /PPh <sub>2</sub> System. <i>Organometallics</i> , 2017, 36, 424-434.	2.3	29
116	Aggregation Behavior of a Six-membered Cyclic Frustrated Phosphane/Borane Lewis Pair: Formation of a Supramolecular Cyclooctameric Macrocyclic Ring System. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 882-886.	13.8	29
117	Mechanism of Allenic Dimerization. <i>Angewandte Chemie International Edition in English</i> , 1973, 12, 504-505.	4.4	28
118	Direct synthesis of a geminal zwitterionic phosphonium/hydridoborate system – developing an alternative tool for generating frustrated Lewis pair hydrogen activation systems. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5783-5792.	2.8	28
119	Coupling of Carbon Monoxide with Nitrogen Monoxide at a Frustrated Lewis Pair Template. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9216-9219.	13.8	28
120	Selective Metal-free HB(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> Catalyzed Allene Cyclotrimerization: Formation of 1,3,5-trimethylenecyclohexane and Its Tris-hydroboration Product. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1376-1380.	13.8	28
121	Trisubstituted Boroles by 1,1-Carboration. <i>Organometallics</i> , 2015, 34, 4205-4208.	2.3	27
122	Formation of Reactive $\sigma$ -Conjugated Frustrated N/B Pairs by Borane-Induced Propargyl Amine Rearrangement. <i>Journal of the American Chemical Society</i> , 2018, 140, 3635-3643.	13.7	27
123	Reaction of Unsaturated Vicinal Phosphane/Borane Frustrated Lewis Pairs with Benzaldehyde. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2455-2462.	1.2	26
124	Reversible formylborane/SO <sub>2</sub> coupling at a frustrated Lewis pair framework. <i>Chemical Communications</i> , 2017, 53, 633-635.	4.1	26
125	CO/CO and NO/NO coupling at a hidden frustrated Lewis pair template. <i>Chemical Science</i> , 2017, 8, 2457-2463.	7.4	26
126	Reduction of Dioxygen by Radical/B(C <sub>6</sub> F <sub>4</sub> X) <sub>3</sub> Pairs to Give Isolable Bis(borane)superoxide Compounds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16641-16644.	13.8	25



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127	The special role of B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> in the single electron reduction of quinones by radicals. <i>Chemical Science</i> , 2018, 9, 8011-8018.	7.4	25
128	Detection of a Thiaphosphetane during the Reaction of the Ylide Ph <sub>3</sub> P:CH <sub>2</sub> with Thiobenzophenone. <i>Journal of the American Chemical Society</i> , 1995, 117, 7293-7294.	13.7	24
129	Nitrile insertion into a boryl-substituted five-membered zirconacycloallene: unexpected formation of a zwitterionic boratirane product. <i>Chemical Communications</i> , 2009, , 6572.	4.1	23
130	Preparation of Dithienylphospholes by 1,1-Carbaboration. <i>Chemistry - A European Journal</i> , 2014, 20, 11883-11893.	3.3	23
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