Gerhard

List of Publications by Year
in descending order

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248	18,214	17440 63	14758 127
papers	citations	h-index	g-index

265	265	265	4827
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Frustrated Lewis Pairs: Metalâ€free Hydrogen Activation and More. Angewandte Chemie - International Edition, 2010, 49, 46-76.	13.8	1,800
2	Frustrated Lewis Pair Chemistry: Development and Perspectives. Angewandte Chemie - International Edition, 2015, 54, 6400-6441.	13.8	1,444
3	Reversible Metalâ€Free Carbon Dioxide Binding by Frustrated Lewis Pairs. Angewandte Chemie - International Edition, 2009, 48, 6643-6646.	13.8	680
4	Rapid intramolecular heterolytic dihydrogen activation by a four-membered heterocyclic phosphaneâ€“borane adduct. Chemical Communications, 2007, , 5072.	4.1	563
5	Metalâ€Free Catalytic Hydrogenation of Enamines, Imines, and Conjugated Phosphinoalkenylboranes. Angewandte Chemie - International Edition, 2008, 47, 7543-7546.	13.8	426
6	The Mechanism of Dihydrogen Activation by Frustrated Lewis Pairs Revisited. Angewandte Chemie - International Edition, 2010, 49, 1402-1405.	13.8	394
7	Frustrated Lewis pair chemistry of carbon, nitrogen and sulfur oxides. Chemical Science, 2014, 5, 2625-2641.	7.4	386
8	Lewis Acid Properties of Tris(pentafluorophenyl)borane. Structure and Bonding in Lâ^'B(C6F5)3ComplexesâŠ¥. Organometallics, 1999, 18, 1724-1735.	2.3	337
9	Tris(pentafluorophenyl)borane: a special boron Lewis acid for special reactions. Dalton Transactions, 2005, , 1883.	3.3	332
10	Heterolytic dihydrogen activation with the 1,8-bis(diphenylphosphino)naphthalene/B(C6F5)3 pair and its application for metal-free catalytic hydrogenation of silyl enol ethers. Chemical Communications, 2008, , 5966.	4.1	277
11	Reactions of an Intramolecular Frustrated Lewis Pair with Unsaturated Substrates: Evidence for a Concerted Olefin Addition Reaction. Journal of the American Chemical Society, 2009, 131, 12280-12289.	13.7	218
12	The Remarkable Features of (Î·4-Conjugated Diene)zirconocene and -hafnocene Complexes. Advances in Organometallic Chemistry, 1985, , 1-39.	1.0	212
13	Synthesis, structure, and equilibration of s-cis- and s-trans- .eta.4-conjugated diene-zirconocene complexes. Journal of the American Chemical Society, 1980, 102, 6344-6346.	13.7	209
14	Capture of NO by a Frustrated Lewis Pair: A New Type of Persistent Nâ€Oxyl Radical. Angewandte Chemie - International Edition, 2011, 50, 7567-7571.	13.8	181
15	1,1-Carboboration. Chemical Communications, 2012, 48, 1839-1850.	4.1	180
16	Reaction of Frustrated Lewis Pairs with Conjugated Ynonesâ€Selective Hydrogenation of the Carbonâ€“Carbon Triple Bond. Angewandte Chemie - International Edition, 2011, 50, 7183-7186.	13.8	169
17	N,N-Addition of Frustrated Lewis Pairs to Nitric Oxide: An Easy Entry to a Unique Family of Aminoxyl Radicals. Journal of the American Chemical Society, 2012, 134, 10156-10168.	13.7	153
18	Reactions of phosphorus/boron frustrated Lewis pairs with SO₂. Chemical Science, 2013, 4, 213-219.	7.4	150

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19	CO₂ and Formate Complexes of Phosphine/Borane Frustrated Lewis Pairs. Chemistry - A European Journal, 2011, 17, 9640-9650.	3.3	146
20	Carbonâ^'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 mesityl2Pâ€“CH2â€“CH2â€“B(C6F5)2 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(C₆F₅)₃ 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 C6F5 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:Â 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⁺/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 1,1â€Carboboration over Cooperative 1,2â€P/Bâ€Addition. Chemistry - an Asian Journal, 2010, 5, 2199-2208.	3.3	106
35	Pâ^'C Bond Activation Chemistry: Evidence for 1,1-Carboboration Reactions Proceeding with Phosphorusâ^'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. Journal of the American Chemical Society, 2014, 136, 68-71.	13.7	101
38	Structure and Dynamic Features of an Intramolecular Frustrated Lewis Pair. Chemistry - A European Journal, 2010, 16, 14069-14073.	3.3	99
39	Alkenylborane-Derived Frustrated Lewis Pairs: Metal-Free Catalytic Hydrogenation Reactions of Electron-Deficient Alkenes. Organometallics, 2012, 31, 5638-5649.	2.3	98
40	Carbonylation Reactions of Intramolecular Vicinal Frustrated Phosphane/Borane Lewis Pairs. Journal of the American Chemical Society, 2013, 135, 18567-18574.	13.7	94
41	Five-Membered Zirconacycloallenoids: Synthesis and Characterization of Members of a Unique Class of Internally Metal-Stabilized Bent Allenoid Compounds. Journal of the American Chemical Society, 2009, 131, 1996-2007.	13.7	90
42	Noninteracting, Vicinal Frustrated P/B-Lewis Pair at the Norbornane Framework: Synthesis, Characterization, and Reactions. Journal of the American Chemical Society, 2013, 135, 8882-8895.	13.7	89
43	Fiveâ€Membered Metallacyclic Allenoids: Synthesis and Structure of Remarkably Stable Strongly Distorted Cyclic Allene Derivatives. Angewandte Chemie - International Edition, 2008, 47, 2622-2625.	13.8	81
44	Remarkable coordination behavior of alkyl isocyanides toward unsaturated vicinal frustrated P/B Lewis pairs. Chemical Science, 2013, 4, 2657.	7.4	81
45	New Insights into Frustrated Lewis Pairs: Structural Investigations of Intramolecular Phosphaneâ€“Borane Adducts by Using Modern Solid-State NMR Techniques and DFT Calculations. Journal of the American Chemical Society, 2012, 134, 4236-4249.	13.7	78
46	Frustrated Lewis pairs: Reactions with dihydrogen and other â€œsmall moleculesâ€• Comptes Rendus Chimie, 2011, 14, 831-841.	0.5	77
47	Advanced 1,1-carboboration reactions with pentafluorophenylboranes. Chemical Science, 2016, 7, 56-65.	7.4	75
48	The 1,1â€Carboboration of Bis(alkynyl)phosphanes as a Route to Phosphole Compounds. Angewandte Chemie - International Edition, 2012, 51, 1954-1957.	13.8	74
49	Reaction of a Bridged Frustrated Lewis Pair with Nitric Oxide: A Kinetics Study. Journal of the American Chemical Society, 2014, 136, 513-519.	13.7	73
50	Phosphirenium-borate zwitterion: formation in the 1,1-carboboration reaction of phosphinylalkynes. Chemical Communications, 2011, 47, 10482.	4.1	70
51	Generation of Homogeneous (sp3-C1)-Bridged Cp/Amido and Cp/Phosphido Group 4 Metal Zieglerâ^'Natta Catalyst Systems. Journal of the American Chemical Society, 2001, 123, 6181-6182.	13.7	69
52	Heterolytic Cleavage of Dihydrogen by Frustrated Lewis Pairs Derived from Î±-(Dimesitylphosphino)ferrocenes and B(C₆F₅)₃. Organometallics, 2008, 27, 5279-5284.	2.3	69
53	Synthesis, Structural Features, and Formation of Organometallic Derivates of C1-Bridged Cp/Amido Titanium and Zirconium â€œCpCN-Constrained Geometryâ€•Systems. Organometallics, 2005, 24, 4760-4773.	2.3	67
54	Phosphido- and Amidozirconocene Cation-Based Frustrated Lewis Pair Chemistry. Journal of the American Chemical Society, 2015, 137, 10796-10808.	13.7	67

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55	Formation of sp3-C1-Bridged Cp/Amido Titanium and Zirconium â€œCpCNâ€•Constrained-Geometry Zieglerâ^'Natta Catalyst Systems. Organometallics, 2002, 21, 1031-1041.	2.3	66
56	Intramolecular Frustrated Lewis Pairs: Formation and Chemical Features. Topics in Current Chemistry, 2012, 332, 45-83.	4.0	66
57	Î±-CH acidity of alkylâ€“B(C₆F₅)₂ compounds â€“ the role of stabilized borata-alkene formation in frustrated Lewis pair chemistry. Chemical Science, 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. Journal of the American Chemical Society, 2014, 136, 9014-9027.	13.7	65
59	Frustrated Lewis Pair Chemistry: Searching for New Reactions. Chemical Record, 2017, 17, 803-815.	5.8	63
60	Reactions of Modified Intermolecular Frustrated P/B Lewis Pairs with Dihydrogen, Ethene, and Carbon Dioxide. Organometallics, 2012, 31, 2801-2809.	2.3	62
61	Formation of Unsaturated Vicinal Zr⁺/P Frustrated Lewis Pairs by the Unique 1,1-Carbozirconation Reactions. Journal of the American Chemical Society, 2014, 136, 12431-12443.	13.7	60
62	Electronic control in frustrated Lewis pair chemistry: adduct formation of intramolecular FLP systems with â€“P(C6F5)2 Lewis base components. Dalton Transactions, 2013, 42, 4487.	3.3	59
63	Evidence for a Continuous Transition between Thiaphosphetane and Betaine-Type Structures in the Thio-Wittig Reaction. Journal of the American Chemical Society, 1998, 120, 4863-4864.	13.7	56
64	The Chemistry of a Nonâ€Interacting Vicinal Frustrated Phosphane/Borane Lewis Pair. Chemistry - A European Journal, 2017, 23, 6056-6068.	3.3	56
65	Chemistry of Metalâ^'Metal-Bonded Earlyâ^'Late Heterobimetallics:â€‰ Cooperative Reactions of Functional Groups at a Persistent Organometallic Zrâ^'Rh Framework. Organometallics, 2005, 24, 214-225.	2.3	53
66	1,2-Olefin addition of a frustrated amineâ€“borane Lewis pair. Chemical Communications, 2009, , 7417.	4.1	53
67	Metalâ€Free Arene and Heteroarene Borylation Catalyzed by Strongly Electrophilic Bisâ€boranes. Chemistry - A European Journal, 2017, 23, 12141-12144.	3.3	51
68	Uncovering Alternative Reaction Pathways Taken by Group 4 Metallocene Cations:Â Facile Intramolecular CH Activation of Cpâ^'(Dimethylamino)alkyl Substituents by a Methylzirconocene Cation. Organometallics, 1997, 16, 2891-2899.	2.3	50
69	Hydrogen Activation by an Intramolecular Boron Lewis Acid/Zirconocene Pair. Angewandte Chemie - International Edition, 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. Journal of the American Chemical Society, 2017, 139, 6474-6483.	13.7	50
71	Facile 1,1-Carboboration Reactions of Acetylenic Thioethers. Organometallics, 2013, 32, 384-386.	2.3	48
72	The frustrated Lewis pair pathway to methylene phosphonium systems. Chemical Science, 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. Journal of the American Chemical Society, 2016, 138, 4302-4305.	13.7	46
74	Evidence for Î±-Nitrogen Participation in the Internal Câ”H Activation Reaction at ((Dimethylamino)methyl)cyclopentadienyl-Derived Methylzirconocene Cations. Organometallics, 1999, 18, 3818-3826.	2.3	45
75	1,1â€Carbozirconation: Unusual Reaction of an Alkyne with a Methyl Zirconocene Cation and Subsequent Frustrated Lewis Pair Like Reactivity. Angewandte Chemie - International Edition, 2013, 52, 13629-13632.	13.8	45
76	1,1-Carboboration Route to Substituted Naphthalenes. Organic Letters, 2012, 14, 1448-1451.	4.6	44
77	A Ferroceneâ€Based Phosphane/Borane Frustrated Lewis Pair for Asymmetric Imine Reduction. European Journal of Inorganic Chemistry, 2017, 2017, 368-371.	2.0	43
78	Reaction of Frustrated Lewis Pairs with Ketones and Esters. Chemistry - an Asian Journal, 2012, 7, 1347-1356.	3.3	42
79	A Unique Frustrated Lewis Pair Pathway to Remarkably Stable Borataâ€“Alkene Systems. European Journal of Inorganic Chemistry, 2013, 2013, 3312-3315.	2.0	42
80	Borataâ€“alkene derivatives conveniently made by frustrated Lewis pair chemistry. Dalton Transactions, 2014, 43, 632-638.	3.3	42
81	Reactions of Boroles Formed by 1,1-Carboboration. Organometallics, 2015, 34, 229-235.	2.3	42
82	Syntheses and reactions of fulvene-derived substituted aminoalkyl-Cp and phosphinoalkyl-Cp-Group 4 metal complexes. Coordination Chemistry Reviews, 2006, 250, 1056-1070.	18.8	41
83	Treatment of Naphthols with B(C6F5)3: Formation and Characterization of the Lewis Acid Adducts of Their Keto Isomers. Angewandte Chemie - International Edition, 1999, 38, 3362-3365.	13.8	40
84	Stabilized borata-alkene formation: structural features, reactions and the role of the counter cation. Dalton Transactions, 2015, 44, 21032-21040.	3.3	39
85	Cooperative 1,1-addition reactions of vicinal phosphane/borane frustrated Lewis pairs. Coordination Chemistry Reviews, 2016, 306, 468-482.	18.8	38
86	Preparation of the Borane (Fmes)BH₂ and its Utilization in the FLP Reduction of Carbon Monoxide and Carbon Dioxide. Angewandte Chemie - International Edition, 2019, 58, 6737-6741.	13.8	38
87	Alkene Addition of Frustrated P/B and N/B Lewis Pairs at the [3]Ferrocenophane Framework. Organometallics, 2011, 30, 584-594.	2.3	37
88	Why Does the Intramolecular Trimethyleneâ€Bridged Frustrated Lewis Pair Mes₂PCH₂CH₂CH₂B(C₆F₅)₂ Not Activate Dihydrogen?. Chemistry - A European Journal, 2016, 22, 5988-5995.	3.3	37
89	Photochemical isomerisation of boryl-substituted silole derivatives. Chemical Communications, 2010, 46, 3016.	4.1	36
90	Frustrated Lewis Pair Chemistry Derived from Bulky Allenyl and Propargyl Phosphanes. Chemistry - A European Journal, 2016, 22, 1103-1113.	3.3	36

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91	Intermolecular Redoxâ€Neutral Amine Câˆ’H Functionalization Induced by the Strong Boron Lewis Acid B(C₆F₅)₃ in the Frustrated Lewis Pair Regime. Chemistry - A European Journal, 2017, 23, 4723-4729.	3.3	36
92	Solid state frustrated Lewis pair chemistry. Chemical Science, 2018, 9, 4859-4865.	7.4	35
93	Preparation of Dihydroborole Derivatives by a Simple 1,1-Carboboration Route. Organometallics, 2012, 31, 2445-2451.	2.3	34
94	Reactions of a methylzirconocene cation with phosphinoalkynes: an alternative pathway for generating Cp2Zr(ii) systems. Chemical Communications, 2012, 48, 6109.	4.1	33
95	Reaction of an â€œInvisibleâ€•Frustrated N/B Lewis Pair with Dihydrogen. Chemistry - an Asian Journal, 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. Dalton Transactions, 2017, 46, 11715-11721.	3.3	33
97	Tellurobenzaldehyde by Staudinger-Chalcogenation of the Ylide Benzylidenetriphenylphosphorane. Angewandte Chemie International Edition in English, 1989, 28, 179-180.	4.4	32
98	Stereochemistry of the [4 + 2] Cycloaddition of Diarylselenoketones with Conjugated Dienes. Journal of the American Chemical Society, 1995, 117, 10922-10930.	13.7	32
99	Remarkable Behavior of a Bifunctional Alkynylborane Zirconocene Complex toward Donor Ligands and Acetylenes. Journal of the American Chemical Society, 2013, 135, 17444-17456.	13.7	32
100	Structural features and reactions of a geminal frustrated phosphane/borane Lewis pair. Journal of Organometallic Chemistry, 2013, 744, 149-155.	1.8	32
101	Benzannulation of Heterocyclic Frameworks by 1,1-Carboboration Pathways. Journal of Organic Chemistry, 2015, 80, 2240-2248.	3.2	32
102	Synthetic Endeavors toward Titanium Based Frustrated Lewis Pairs with Controlled Electronic and Steric Properties. Organometallics, 2015, 34, 2000-2011.	2.3	32
103	Cooperative carbon monoxide to formyl reduction at a trifunctional PBB frustrated Lewis pair. Chemical Communications, 2017, 53, 5499-5502.	4.1	32
104	Borata-Wittig olefination reactions of ketones, carboxylic esters and amides with bis(pentafluorophenyl)borata-alkene reagents. Organic and Biomolecular Chemistry, 2017, 15, 6223-6232.	2.8	32
105	Formation of macrocyclic ring systems by carbonylation of trifunctional P/B/B frustrated Lewis pairs. Chemical Science, 2018, 9, 1544-1550.	7.4	32
106	Reaction of strongly electrophilic alkenylboranes with phosphanylalkynes: rare examples of intermolecular 1,1-alkenylboration reactions. Chemical Communications, 2013, 49, 6992.	4.1	31
107	Developing Phosphaâ€Stork Chemistry Induced by a Borane Lewis Acid. Angewandte Chemie - International Edition, 2014, 53, 12168-12171.	13.8	31
108	Functional-Group Chemistry of Organolithium Compounds: Photochemical [2+2] Cycloaddition of Alkenyl-Substituted Lithium Cyclopentadienides. Angewandte Chemie - International Edition, 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. Organometallics, 2018, 37, 2665-2668.	2.3	30
110	Frustrated Lewis pair addition to conjugated diynes: Formation of zwitterionic 1,2,3-butatriene derivatives. Dalton Transactions, 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. Dalton Transactions, 2013, 42, 709-718.	3.3	29
112	An Ethyleneâ€Bridged Phosphane/Borane Frustrated Lewis Pair Featuring the â€B(Fxyl)₂ Lewis Acid Component. Chemistry - A European Journal, 2016, 22, 11015-11021.	3.3	29
113	Formation of Thermally Robust Frustrated Lewis Pairs by Electrocyclic Ring Closure Reactions. Angewandte Chemie - International Edition, 2016, 55, 5526-5530.	13.8	29
114	Rapid Dihydrogen Cleavage by Persistent Nitroxide Radicals under Frustrated Lewis Pair Conditions. Chemistry - A European Journal, 2016, 22, 9504-9507.	3.3	29
115	Frustrated Lewis Pair vs Metalâ€“Carbon Ïƒ-Bond Insertion Chemistry at an o-Phenylene-Bridged Cp₂Zr⁺/PPh₂ System. Organometallics, 2017, 36, 424-434.	2.3	29
116	Aggregation Behavior of a Sixâ€Membered Cyclic Frustrated Phosphane/Borane Lewis Pair: Formation of a Supramolecular Cyclooctameric Macrocyclic Ring System. Angewandte Chemie - International Edition, 2019, 58, 882-886.	13.8	29
117	Mechanism of Allenic Dimerization. Angewandte Chemie International Edition in English, 1973, 12, 504-505.	4.4	28
118	Direct synthesis of a geminal zwitterionic phosphonium/hydridoborate system â€“ developing an alternative tool for generating frustrated Lewis pair hydrogen activation systems. Organic and Biomolecular Chemistry, 2015, 13, 5783-5792.	2.8	28
119	Coupling of Carbon Monoxide with Nitrogen Monoxide at a Frustrated Lewis Pair Template. Angewandte Chemie - International Edition, 2016, 55, 9216-9219.	13.8	28
120	Selective Metalâ€free HB(C₆F₅)₂ Catalyzed Allene Cyclotrimerization: Formation of 1,3,5â€Trimethylenecyclohexane and Its Trisâ€hydroboration Product. Angewandte Chemie - International Edition, 2017, 56, 1376-1380.	13.8	28
121	Trisubstituted Boroles by 1,1-Carboboration. Organometallics, 2015, 34, 4205-4208.	2.3	27
122	Formation of Reactive Ï€-Conjugated Frustrated N/B Pairs by Borane-Induced Propargyl Amine Rearrangement. Journal of the American Chemical Society, 2018, 140, 3635-3643.	13.7	27
123	Reaction of Unsaturated Vicinal Phosphane/Borane Frustrated Lewis Pairs with Benzaldehyde. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2455-2462.	1.2	26
124	Reversible formylborane/SO₂coupling at a frustrated Lewis pair framework. Chemical Communications, 2017, 53, 633-635.	4.1	26
125	CO/CO and NO/NO coupling at a hidden frustrated Lewis pair template. Chemical Science, 2017, 8, 2457-2463.	7.4	26
126	Reduction of Dioxygen by Radical/B(pâ€C₆F₄X)₃ Pairs to Give Isolable Bis(borane)superoxide Compounds. Angewandte Chemie - International Edition, 2017, 56, 16641-16644.	13.8	25

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127	The special role of B(C₆F₅)₃ in the single electron reduction of quinones by radicals. Chemical Science, 2018, 9, 8011-8018.	7.4	25
128	Detection of a Thiaphosphetane during the Reaction of the Ylide Ph3P:CH2 with Thiobenzophenone. Journal of the American Chemical Society, 1995, 117, 7293-7294.	13.7	24
129	Nitrile insertion into a boryl-substituted five-membered zirconacycloallenoid: unexpected formation of a zwitterionic boratirane product. Chemical Communications, 2009, , 6572.	4.1	23
130	Preparation of Dithienylphospholes by 1,1â€Carboboration. Chemistry - A European Journal, 2014, 20, 11883-11893.	3.3	23
131	Thiophene synthesis via 1,1-carboboration. Chemical Communications, 2015, 51, 7226-7229.	4.1	22
132	A Frustrated Phosphaneâ€“Borane Lewis Pair and Hydrogen: A Kinetics Study. Chemistry - A European Journal, 2016, 22, 11958-11961.	3.3	22
133	Formation and reactions of active five-membered phosphane/borane frustrated Lewis pair ring systems. Dalton Transactions, 2018, 47, 4449-4454.	3.3	22
134	The Borole Route to Reactive Pentafluorophenylâ€Substituted Diboranes(4). Angewandte Chemie - International Edition, 2018, 57, 14570-14574.	13.8	22
135	Reductive Cleavage of the CO Molecule by a Reactive Vicinal Frustrated PH/BH Lewis Pair. Journal of the American Chemical Society, 2020, 142, 17260-17264.	13.7	22
136	An Enamine/HB(C₆F₅)₂ Adduct as a Dormant State in Frustrated Lewis Pair Chemistry. Organometallics, 2013, 32, 6745-6752.	2.3	21
137	Î±â€Hydroxymethylation of Pyridines at a Frustrated Lewis Pair Template. Chemistry - A European Journal, 2015, 21, 1454-1457.	3.3	21
138	Synthesis of new asymmetric substituted boron amidines â€“ reactions with CO and transfer hydrogenations of phenylacetylene. Dalton Transactions, 2015, 44, 19606-19614.	3.3	21
139	Selective N,Oâ€Addition of the TEMPO Radical to Conjugated Boryldienes. Angewandte Chemie - International Edition, 2016, 55, 1470-1473.	13.8	21
140	Multiâ€Component Synthesis of Rare 1,3â€Dihydroâ€1,3â€azaborinine Derivatives: Application of a Boraâ€Nazarov Type Reaction. Angewandte Chemie - International Edition, 2019, 58, 15377-15380.	13.8	21
141	Formation and Cycloaddition Reactions of a Reactive Boraalkene Stabilized Internally by Nâ€Heterocyclic Carbene. Angewandte Chemie - International Edition, 2021, 60, 19905-19911.	13.8	21
142	Phospha-Claisen Type Reactions at Frustrated Lewis Pair Frameworks. Journal of the American Chemical Society, 2016, 138, 8554-8559.	13.7	20
143	Frustrated Lewis Pair Behavior of an Open, Noninteracting Phosphane/Borane Pair at a Rigid Organic Framework: Exploring Decisive Factors for FLP Activity. Organometallics, 2017, 36, 5003-5012.	2.3	20
144	Selective formation of heterocyclic trans-cycloalkenes by alkyne addition to a biphenylene-based phosphane/borane frustrated Lewis pair. Chemical Communications, 2018, 54, 6344-6347.	4.1	20

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145	Formation of Active Cyclic Fiveâ€membered Frustrated Phosphane/Borane Lewis Pairs and their Cycloaddition Reactions. Chemistry - A European Journal, 2020, 26, 745-753.	3.3	20
146	Alkyne 1,1â€Hydroboration to a Reactive Frustrated P/Bâ€H Lewis Pair. Angewandte Chemie - International Edition, 2021, 60, 6757-6763.	13.8	20
147	Preparation of Stable Primary Enamines: 1-Aminobutadienes by Allyl Grignard Addition to Aryl Cyanides Followed by Controlled Hydrolysis. Journal of Organic Chemistry, 1995, 60, 5284-5290.	3.2	19
148	Developing a fulvene route to C1-bridged â€œconstrained geometryâ€•Ziegler catalyst systems. Topics in Catalysis, 1999, 7, 37-44.	2.8	19
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