Gerald Kehr

List of Publications by Year
in descending order

255 papers	12,807 citations	19657 61 h-index	32842 100 g-index
269 all docs	269 docs citations	269 times ranked	3669 citing authors

#	Article	IF	Citations
1	Reversible Metalâ€Free Carbon Dioxide Binding by Frustrated Lewis Pairs. Angewandte Chemie - International Edition, 2009, 48, 6643-6646.	13.8	680
2	Rapid intramolecular heterolytic dihydrogen activation by a four-membered heterocyclic phosphaneâ€“borane adduct. Chemical Communications, 2007, , 5072.	4.1	563
3	Metalâ€Free Catalytic Hydrogenation of Enamines, Imines, and Conjugated Phosphinoalkenylboranes. Angewandte Chemie - International Edition, 2008, 47, 7543-7546.	13.8	426
4	Lewis Acid Properties of Tris(pentafluorophenyl)borane. Structure and Bonding in Lâˆ'B(C6F5)3ComplexesâŠ¥. Organometallics, 1999, 18, 1724-1735.	2.3	337
5	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
6	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
7	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
8	1,1-Carboboration. Chemical Communications, 2012, 48, 1839-1850.	4.1	180
9	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
10	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
11	Reactions of phosphorus/boron frustrated Lewis pairs with SO₂. Chemical Science, 2013, 4, 213-219.	7.4	150
12	CO₂ and Formate Complexes of Phosphine/Borane Frustrated Lewis Pairs. Chemistry - A European Journal, 2011, 17, 9640-9650.	3.3	146
13	Carbonâˆ'Carbon Bond Activation by 1,1-Carboboration of Internal Alkynes. Journal of the American Chemical Society, 2010, 132, 13594-13595.	13.7	145
14	Facile Carbon Monoxide Reduction at Intramolecular Frustrated Phosphane/Borane Lewis Pair Templates. Angewandte Chemie - International Edition, 2013, 52, 2243-2246.	13.8	143
15	Addition reactions to the intramolecular mesityl2Pâ€“CH2â€“CH2â€“B(C6F5)2 frustrated Lewis pair. Dalton Transactions, 2010, 39, 7556.	3.3	141
16	Intramolecular frustrated N/B lewis pairs by enamine hydroboration. Chemical Science, 2011, 2, 1842.	7.4	140
17	Frustrated Lewis Pair Behavior of Intermolecular Amine/B(C₆F₅)₃ Pairs. Organometallics, 2012, 31, 2367-2378.	2.3	133
18	Metal-free dihydrogen activation chemistry: structural and dynamic features of intramolecular P/B pairs. Dalton Transactions, 2009, , 1534.	3.3	127

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19	Formylborane Formation with Frustrated Lewis Pair Templates. Angewandte Chemie - International Edition, 2014, 53, 1118-1121.	13.8	127
20	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
21	1,1-Carboboration of 1-Alkynes: A Conceptual Alternative to the Hydroboration Reaction. Organic Letters, 2011, 13, 62-65.	4.6	121
22	Catalytic Hydrogenation of Sensitive Organometallic Compounds by Antagonistic N/B Lewis Pair Catalyst Systems. Journal of the American Chemical Society, 2009, 131, 3454-3455.	13.7	120
23	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
24	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
25	Internal Adduct Formation of Active Intramolecular C₄-bridged Frustrated Phosphane/Borane Lewis Pairs. Journal of the American Chemical Society, 2014, 136, 3293-3303.	13.7	113
26	Reactions of a Cationic Geminal Zr⁺/P Pair with Small Molecules. Journal of the American Chemical Society, 2013, 135, 6465-6476.	13.7	107
27	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
28	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
29	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
30	Borole Formation by 1,1-Carboboration. Journal of the American Chemical Society, 2014, 136, 68-71.	13.7	101
31	Structure and Dynamic Features of an Intramolecular Frustrated Lewis Pair. Chemistry - A European Journal, 2010, 16, 14069-14073.	3.3	99
32	Alkenylborane-Derived Frustrated Lewis Pairs: Metal-Free Catalytic Hydrogenation Reactions of Electron-Deficient Alkenes. Organometallics, 2012, 31, 5638-5649.	2.3	98
33	Dibenzopentalenes from B(C₆F₅)₃â€Induced Cyclization Reactions of 1,2â€Bis(phenylethynyl)benzenes. Angewandte Chemie - International Edition, 2013, 52, 5992-5996.	13.8	98
34	Carbonylation Reactions of Intramolecular Vicinal Frustrated Phosphane/Borane Lewis Pairs. Journal of the American Chemical Society, 2013, 135, 18567-18574.	13.7	94
35	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
36	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

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37	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
38	Metal-Free Frustrated Lewis Pair Catalyzed 1,4-Hydrogenation of Conjugated Metallocene Dienamines. Organometallics, 2010, 29, 1067-1069.	2.3	81
39	Remarkable coordination behavior of alkyl isocyanides toward unsaturated vicinal frustrated P/B Lewis pairs. Chemical Science, 2013, 4, 2657.	7.4	81
40	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
41	Reaction of Bis(alkynyl)silanes with Tris(pentafluorophenyl)borane: Synthesis of Bulky Silole Derivatives by Means of 1,1â€Carboboration under Mild Reaction Conditions. Advanced Synthesis and Catalysis, 2009, 351, 1080-1088.	4.3	77
42	1,1â€Organoboration of Diâ€1â€alkynylsilanes with Alkynyl Groups of Different Reactivity: New Organometallicâ€Substituted Siloles. Chemische Berichte, 1993, 126, 2221-2226.	0.2	75
43	Advanced 1,1-carboboration reactions with pentafluorophenylboranes. Chemical Science, 2016, 7, 56-65.	7.4	75
44	Structural Importance of Secondary Interactions in Molecules: Origin of Unconventional Conformations of Phosphineâ€“Borane Adducts. Chemistry - A European Journal, 2008, 14, 333-343.	3.3	74
45	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
46	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
47	Deconstructing the Catalytic, Vicinal Difluorination of Alkenes: HF-Free Synthesis and Structural Study of p-TolIF₂. Journal of Organic Chemistry, 2017, 82, 11792-11798.	3.2	71
48	Phosphirenium-borate zwitterion: formation in the 1,1-carboboration reaction of phosphinylalkynes. Chemical Communications, 2011, 47, 10482.	4.1	70
49	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
50	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
51	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
52	Phosphido- and Amidozirconocene Cation-Based Frustrated Lewis Pair Chemistry. Journal of the American Chemical Society, 2015, 137, 10796-10808.	13.7	67
53	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
54	Intramolecular Frustrated Lewis Pairs: Formation and Chemical Features. Topics in Current Chemistry, 2012, 332, 45-83.	4.0	66

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55	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
56	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
57	Frustrated Lewis Pair Chemistry: Searching for New Reactions. Chemical Record, 2017, 17, 803-815.	5.8	63
58	Reactions of Modified Intermolecular Frustrated P/B Lewis Pairs with Dihydrogen, Ethene, and Carbon Dioxide. Organometallics, 2012, 31, 2801-2809.	2.3	62
59	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
60	Organosubstituierte 1,1â€²â€Spirobisilole und 1,1â€²â€Spirobigermole durch vierfache Organoborierung von Tetraâ€1â€alkinylsilanen und â€germanen. Chemische Berichte, 1993, 126, 1385-1396.	0.2	59
61	(Butadiene)metallocene/B(C6F5)3 Pathway to Catalyst Systems for Stereoselective Methyl Methacrylate Polymerization:â€‰ Evidence for an Anion Dependent Metallocene Catalyzed Polymerization Process. Journal of the American Chemical Society, 2004, 126, 2089-2104.	13.7	59
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	Anomalous Staudinger reaction at intramolecular frustrated Pâ€“B Lewis pair frameworks. Chemical Communications, 2012, 48, 11739.	4.1	57
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	Stoichiometric Reactions and Catalytic Hydrogenation with a Reactive Intramolecular Zr⁺/Amine Frustrated Lewis Pair. Journal of the American Chemical Society, 2015, 137, 4550-4557.	13.7	54
66	Chemistry of Metalâˆ'Metal-Bonded Earlyâˆ'Late Heterobimetallics:â€‰ Cooperative Reactions of Functional Groups at a Persistent Organometallic Zrâˆ'Rh Framework. Organometallics, 2005, 24, 214-225.	2.3	53
67	1,2-Olefin addition of a frustrated amineâ€“borane Lewis pair. Chemical Communications, 2009, , 7417.	4.1	53
68	Exploring CH-Activation Pathways in Bifunctional Zirconocene/Borane Systems. Journal of the American Chemical Society, 2004, 126, 11046-11057.	13.7	51
69	Metalâ€Free Arene and Heteroarene Borylation Catalyzed by Strongly Electrophilic Bisâ€boranes. Chemistry - A European Journal, 2017, 23, 12141-12144.	3.3	51
70	Hydrogen Activation by an Intramolecular Boron Lewis Acid/Zirconocene Pair. Angewandte Chemie - International Edition, 2012, 51, 8830-8833.	13.8	50
71	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
72	Facile 1,1-Carboboration Reactions of Acetylenic Thioethers. Organometallics, 2013, 32, 384-386.	2.3	48

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73	The frustrated Lewis pair pathway to methylene phosphonium systems. Chemical Science, 2014, 5, 797-803.	7.4	47
74	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
75	Evidence for Î±-Nitrogen Participation in the Internal Câˆ’H Activation Reaction at ((Dimethylamino)methyl)cyclopentadienyl-Derived Methylzirconocene Cations. Organometallics, 1999, 18, 3818-3826.	2.3	45
76	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
77	1,1-Carboboration Route to Substituted Naphthalenes. Organic Letters, 2012, 14, 1448-1451.	4.6	44
78	Reactions of dimethylzirconocene complexes with a vicinal frustrated P/B Lewis pair. Dalton Transactions, 2013, 42, 14531.	3.3	43
79	A Ferroceneâ€Based Phosphane/Borane Frustrated Lewis Pair for Asymmetric Imine Reduction. European Journal of Inorganic Chemistry, 2017, 2017, 368-371.	2.0	43
80	Reaction of Frustrated Lewis Pairs with Ketones and Esters. Chemistry - an Asian Journal, 2012, 7, 1347-1356.	3.3	42
81	A Unique Frustrated Lewis Pair Pathway to Remarkably Stable Borataâ€“Alkene Systems. European Journal of Inorganic Chemistry, 2013, 2013, 3312-3315.	2.0	42
82	Borataâ€“alkene derivatives conveniently made by frustrated Lewis pair chemistry. Dalton Transactions, 2014, 43, 632-638.	3.3	42
83	Reactions of Boroles Formed by 1,1-Carboboration. Organometallics, 2015, 34, 229-235.	2.3	42
84	Peralkylated 1,4-dibora-2,5-cyclohexadienes-formation and rearrangement into peralkylated nido-2,3,4,5- tetracarbahexaboranes(6). Polyhedron, 1991, 10, 1497-1506.	2.2	40
85	Stabilized borata-alkene formation: structural features, reactions and the role of the counter cation. Dalton Transactions, 2015, 44, 21032-21040.	3.3	39
86	1,6-Dihydro-1,6-disilapentalene derivatives by 1,1-organoboration of triynes. Journal of Organometallic Chemistry, 1998, 562, 207-215.	1.8	38
87	Cooperative 1,1-addition reactions of vicinal phosphane/borane frustrated Lewis pairs. Coordination Chemistry Reviews, 2016, 306, 468-482.	18.8	38
88	Exploring physicochemical space via a bioisostere of the trifluoromethyl and ethyl groups (BITE): attenuating lipophilicity in fluorinated analogues of GilenyaÂ® for multiple sclerosis. Chemical Communications, 2018, 54, 12002-12005.	4.1	38
89	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
90	Alkene Addition of Frustrated P/B and N/B Lewis Pairs at the [3]Ferrocenophane Framework. Organometallics, 2011, 30, 584-594.	2.3	37

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91	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
92	Fluorocyclisation via I(I)/I(III) catalysis: a concise route to fluorinated oxazolines. Beilstein Journal of Organic Chemistry, 2018, 14, 1021-1027.	2.2	37
93	Photochemical isomerisation of boryl-substituted silole derivatives. Chemical Communications, 2010, 46, 3016.	4.1	36
94	Frustrated Lewis Pair Chemistry Derived from Bulky Allenyl and Propargyl Phosphanes. Chemistry - A European Journal, 2016, 22, 1103-1113.	3.3	36
95	Intermolecular Redoxâ€Neutral Amine Cα'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
96	Harnessing the Maltodextrin Transport Mechanism for Targeted Bacterial Imaging: Structural Requirements for Improved inâ€...vivo Stability in Tracer Design. ChemMedChem, 2018, 13, 241-250.	3.2	36
97	Solid state frustrated Lewis pair chemistry. Chemical Science, 2018, 9, 4859-4865.	7.4	35
98	Preparation of Dihydroborole Derivatives by a Simple 1,1-Carboboration Route. Organometallics, 2012, 31, 2445-2451.	2.3	34
99	Reactions of a methylzirconocene cation with phosphinoalkynes: an alternative pathway for generating Cp2Zr(ii) systems. Chemical Communications, 2012, 48, 6109.	4.1	33
100	Reaction of an â€œInvisibleâ€•Frustrated N/B Lewis Pair with Dihydrogen. Chemistry - an Asian Journal, 2013, 8, 212-217.	3.3	33
101	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
102	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
103	Structural features and reactions of a geminal frustrated phosphane/borane Lewis pair. Journal of Organometallic Chemistry, 2013, 744, 149-155.	1.8	32
104	Frustrated Lewis Pair Behavior of [Cp₂ZrOCR₂CH₂PPh₂]⁺ Cations. Organometallics, 2015, 34, 2655-2661.	2.3	32
105	Benzannulation of Heterocyclic Frameworks by 1,1-Carboboration Pathways. Journal of Organic Chemistry, 2015, 80, 2240-2248.	3.2	32
106	Synthetic Endeavors toward Titanium Based Frustrated Lewis Pairs with Controlled Electronic and Steric Properties. Organometallics, 2015, 34, 2000-2011.	2.3	32
107	Cooperative carbon monoxide to formyl reduction at a trifunctional PBB frustrated Lewis pair. Chemical Communications, 2017, 53, 5499-5502.	4.1	32
108	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

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109	Formation of macrocyclic ring systems by carbonylation of trifunctional P/B/B frustrated Lewis pairs. Chemical Science, 2018, 9, 1544-1550.	7.4	32
110	Synthesis of 1,6-dihalogeno-2,3,4,5-tetracarba-nido-hexaborane(6) derivatives. Journal of Organometallic Chemistry, 1995, 501, 87-93.	1.8	31
111	Reaction of strongly electrophilic alkenylboranes with phosphanylalkynes: rare examples of intermolecular 1,1-alkenylboration reactions. Chemical Communications, 2013, 49, 6992.	4.1	31
112	Developing Phosphaâ€Stork Chemistry Induced by a Borane Lewis Acid. Angewandte Chemie - International Edition, 2014, 53, 12168-12171.	13.8	31
113	1,1-Organoboration of tetraynesâ€"routes to new siloles, stannoles and fused heterocycles. Journal of Organometallic Chemistry, 1999, 577, 82-92.	1.8	30
114	Formation of a bifunctional zirconocene complex that favours intramolecular â€"B(C6F5)2addition to a Cp ring over Ïƒ-ligand abstraction. Chemical Communications, 2004, , 1020-1021.	4.1	30
115	Unusual 1,1-Hydroboration Route to a Reactive Unsaturated Vicinal Frustrated Phosphane/Borane Lewis Pair. Organometallics, 2018, 37, 2665-2668.	2.3	30
116	Frustrated Lewis pair addition to conjugated diynes: Formation of zwitterionic 1,2,3-butatriene derivatives. Dalton Transactions, 2012, 41, 9135.	3.3	29
117	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
118	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
119	Formation of Thermally Robust Frustrated Lewis Pairs by Electrocyclic Ring Closure Reactions. Angewandte Chemie - International Edition, 2016, 55, 5526-5530.	13.8	29
120	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
121	Stereospecific Î±â€Sialylation by Siteâ€Selective Fluorination. Angewandte Chemie - International Edition, 2019, 58, 3814-3818.	13.8	29
122	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
123	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
124	Coupling of Carbon Monoxide with Nitrogen Monoxide at a Frustrated Lewis Pair Template. Angewandte Chemie - International Edition, 2016, 55, 9216-9219.	13.8	28
125	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
126	Trisubstituted Boroles by 1,1-Carboboration. Organometallics, 2015, 34, 4205-4208.	2.3	27

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127	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
128	Reaction of Unsaturated Vicinal Phosphane/Borane Frustrated Lewis Pairs with Benzaldehyde. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2455-2462.	1.2	26
129	Reversible formylborane/SO₂coupling at a frustrated Lewis pair framework. Chemical Communications, 2017, 53, 633-635.	4.1	26
130	CO/CO and NO/NO coupling at a hidden frustrated Lewis pair template. Chemical Science, 2017, 8, 2457-2463.	7.4	26
131	Reactions of (Diphenylphosphinomethyl)zirconocene Chloride with B(C6F5)3: Competition between P/B and P/Zr+ Frustrated Lewis Pair Reactions. Organometallics, 2013, 32, 7306-7311.	2.3	25
132	Reduction of Dioxygen by Radical/B(pâ€₆F₄X)₃ Pairs to Give Isolable Bis(borane)superoxide Compounds. Angewandte Chemie - International Edition, 2017, 56, 16641-16644.	13.8	25
133	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
134	1,1-Organoboration of tri-1-alkynyltin compounds: novel triorganotin cations, stannoles, 3-stannolenes and 1-stanna-4-bora-2,5-cyclohexadienes. Inorganica Chimica Acta, 1994, 220, 161-173.	2.4	24
135	Nitrile insertion into a boryl-substituted five-membered zirconacycloallenoid: unexpected formation of a zwitterionic boratirane product. Chemical Communications, 2009, , 6572.	4.1	23
136	Preparation of Dithienylphospholes by 1,1â€Carboboration. Chemistry - A European Journal, 2014, 20, 11883-11893.	3.3	23
137	Thiophene synthesis via 1,1-carboboration. Chemical Communications, 2015, 51, 7226-7229.	4.1	22
138	A Frustrated Phosphaneâ€“Borane Lewis Pair and Hydrogen: A Kinetics Study. Chemistry - A European Journal, 2016, 22, 11958-11961.	3.3	22
139	Formation and reactions of active five-membered phosphane/borane frustrated Lewis pair ring systems. Dalton Transactions, 2018, 47, 4449-4454.	3.3	22
140	The Borole Route to Reactive Pentafluorophenylâ€Substituted Diboranes(4). Angewandte Chemie - International Edition, 2018, 57, 14570-14574.	13.8	22
141	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
142	An Enamine/HB(C₆F₅)₂ Adduct as a Dormant State in Frustrated Lewis Pair Chemistry. Organometallics, 2013, 32, 6745-6752.	2.3	21
143	Î±â€Hydroxymethylation of Pyridines at a Frustrated Lewis Pair Template. Chemistry - A European Journal, 2015, 21, 1454-1457.	3.3	21
144	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

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145	Selective N,Oâ€Addition of the TEMPO Radical to Conjugated Boryldienes. Angewandte Chemie - International Edition, 2016, 55, 1470-1473.	13.8	21
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