Gerhard

List of Publications by Year in Descending Order

252 papers	15,760 citations	61 h-index	119 g-index
265 ext. papers	17,207 ext. citations	7.5 avg, IF	7.17 L-index

#	Paper	IF	Citations
252	Proton-phosphorous connectivities revealed by high-resolution proton-detected solid-state NMR.. *Physical Chemistry Chemical Physics*, **2022**,	3.6	1
251	FLP Reduction of Carbon Monoxide and Related Reactions. *Molecular Catalysis*, **2021**, 87-112	0.3	1
250	Frustrated Lewis-Pair Neighbors at the Xanthene Framework: Epimerization at Phosphorus and Cooperative Formation of Macrocyclic Adduct Structures. *Chemistry - A European Journal*, **2021**, 27, 12104-12114	4.8	0
249	Alkyne 1,1-Hydroboration to a Reactive Frustrated P/B-H Lewis Pair. *Angewandte Chemie - International Edition*, **2021**, 60, 6757-6763	16.4	3
248	Alkyne 1,1-Hydroboration to a Reactive Frustrated P/B-H Lewis Pair. *Angewandte Chemie*, **2021**, 133, 6831-6837	3.6	2
247	Formation of amidino-borate derivatives by a multi-component reaction. *Organic and Biomolecular Chemistry*, **2021**, 19, 5551-5554	3.9	0
246	Introducing the Dihydro-1,3-azaboroles: Convenient Entry by a Three-Component Reaction, Synthetic and Photophysical Application. *Journal of the American Chemical Society*, **2021**, 143, 2059-2067	16.4	8
245	Multi-component synthesis of dihydro-1,3-azaborinine derived oxindole isosteres. *Chemical Communications*, **2021**, 57, 7689-7692	5.8	1
244	Formation and Cycloaddition Reactions of a Reactive Boraalkene Stabilized Internally by N-Heterocyclic Carbene. *Angewandte Chemie - International Edition*, **2021**, 60, 19905-19911	16.4	5
243	Formation and Cycloaddition Reactions of a Reactive Boraalkene Stabilized Internally by N-Heterocyclic Carbene. *Angewandte Chemie*, **2021**, 133, 20058-20064	3.6	1
242	The Bis(η6-benzene)lithium Cation: A Fundamental Main-Group Organometallic Species. *Angewandte Chemie*, **2021**, 133, 23061	3.6	0
241	Carbon Monoxide Coupling Reactions via a Frustrated Lewis Pair-Derived α-Formyl Borane. *Journal of the American Chemical Society*, **2021**, 143, 14992-14997	16.4	0
240	The Bis(η6-benzene)lithium Cation: A Fundamental Main-Group Organometallic Species. *Angewandte Chemie - International Edition*, **2021**, 60, 22879-22884	16.4	2
239	Reaction of carbon oxides with an ethylene-bridged PH/B Lewis pair. *Dalton Transactions*, **2021**, 50, 3523-3528	4.3	4
238	A BH Borenium-Derived Thioxoborane, Its Persulfide, and Their Li-Induced Reactions with Alkynes and with Carbon Dioxide. *Journal of the American Chemical Society*, **2020**, 142, 19763-19771	16.4	5
237	Cyclobutene Formation by Borane Catalyzed [2+2] Cycloaddition of a Vinylphosphane with Conjugated Ynones. *European Journal of Inorganic Chemistry*, **2020**, 2020, 2270-2272	2.3	1
236	Reactions of an anionic chelate phosphane/borata-alkene ligand with [Rh(nbd)Cl], [Rh(CO)Cl] and [Ir(cod)Cl]. *Chemical Science*, **2020**, 11, 7349-7355	9.4	8

235	Solid-State NMR Techniques for the Structural Characterization of Cyclic Aggregates Based on Borane-Phosphane Frustrated Lewis Pairs. *Molecules*, **2020**, 25,	4.8	4
234	A rare olefin 1,1-carboboration reaction opens a synthetic pathway to an unusually structured frustrated Lewis pair. *Chemical Communications*, **2020**, 56, 8806-8809	5.8	3
233	Using the Secondary PH/BH Functional Groups of an Active Geminal Frustrated Lewis Pair for Carbon Monoxide Reduction and Reactions with Nitriles and Isonitriles. *Angewandte Chemie - International Edition*, **2020**, 59, 12477-12483	16.4	9
232	Formation of Active Cyclic Five-membered Frustrated Phosphane/Borane Lewis Pairs and their Cycloaddition Reactions. *Chemistry - A European Journal*, **2020**, 26, 745-753	4.8	13
231	Borane-Mediated Vinylphosphane Cycloaddition to Conjugated Ynones. *European Journal of Inorganic Chemistry*, **2020**, 2020, 1096-1100	2.3	3
230	Cycloaddition Reactions of an Active Cyclic Phosphane/Borane Pair with Alkenes, Alkynes, and Carbon Dioxide. *Chemistry - A European Journal*, **2020**, 26, 1269-1273	4.8	6
229	The [(NHC)B(H)C F] Cations and Their [B](H)-CO Borane Carbonyls. *Angewandte Chemie - International Edition*, **2020**, 59, 21460-21464	16.4	8
228	Using the FpXylBH SMe reagent for the regioselective synthesis of cyclic bis(alkenyl)boranes. *Chemical Communications*, **2020**, 56, 12178-12181	5.8	2
227	The [(NHC)B(H)C6F5]+ Cations and Their [B](H) CO Borane Carbonyls. *Angewandte Chemie*, **2020**, 132, 21644-21648	3.6	3
226	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	16.4	14
225	Using the Secondary PH/BH Functional Groups of an Active Geminal Frustrated Lewis Pair for Carbon Monoxide Reduction and Reactions with Nitriles and Isonitriles. *Angewandte Chemie*, **2020**, 132, 12577-12583	3.6	5
224	Multi-Component Synthesis of Rare 1,3-Dihydro-1,3-azaborinine Derivatives: Application of a Bora-Nazarov Type Reaction. *Angewandte Chemie*, **2019**, 131, 15521-15524	3.6	2
223	Halogenoborane mediated allene cyclooligomerization. *Chemical Science*, **2019**, 10, 2478-2482	9.4	6
222	Characterization of H -Splitting Products of Frustrated Lewis Pairs: Benefit of Fast Magic-Angle Spinning. *ChemPhysChem*, **2019**, 20, 672-679	3.2	8
221	The XB(C6F5)2 Halogenoborane Route to Phosphole Derivatives. *European Journal of Inorganic Chemistry*, **2019**, 2019, 2912-2917	2.3	5
220	Dihydrogen Splitting by Intramolecular Borane-Phosphane Frustrated Lewis Pairs: A Comprehensive Characterization Strategy Using Solid State NMR and DFT Calculations. *ChemPhysChem*, **2019**, 20, 1837-1849	3.2	3
219	Consecutive intermolecular 1,1-carboboration reactions of MeSi-substituted alkynes with the halogeno-B(CF) reagents. *Dalton Transactions*, **2019**, 48, 4837-4845	4.3	9
218	Preparation of the Borane (Fmes)BH2 and its Utilization in the FLP Reduction of Carbon Monoxide and Carbon Dioxide. *Angewandte Chemie*, **2019**, 131, 6809-6813	3.6	15

217	Unsaturated vicinal frustrated phosphane/borane Lewis pairs as ligands in gold(i) chemistry. *Chemical Communications*, **2019**, 55, 4367-4370	5.8	6
216	Preparation of the Borane (Fmes)BH and its Utilization in the FLP Reduction of Carbon Monoxide and Carbon Dioxide. *Angewandte Chemie - International Edition*, **2019**, 58, 6737-6741	16.4	26
215	Macrocycle Formation by Cooperative Selection at a Double-Sited Frustrated Lewis Pair. *Organometallics*, **2019**, 38, 1897-1902	3.8	9
214	Multi-Component Synthesis of Rare 1,3-Dihydro-1,3-azaborinine Derivatives: Application of a Bora-Nazarov Type Reaction. *Angewandte Chemie - International Edition*, **2019**, 58, 15377-15380	16.4	9
213	Arylallenes and the halogeno-B(CF) reagents: facile formation of 2-borylindenes. *Chemical Communications*, **2019**, 55, 10166-10169	5.8	4
212	Diels-Alder route to norbornane derived vicinal phosphane/borane frustrated Lewis pairs for the metal-free catalytic hydrogenation of □□unsaturated ketones. *Journal of Organometallic Chemistry*, **2019**, 899, 120879	2.3	2
211	Carbon-carbon bond forming reactions of acetylenic esters and ketones within frustrated phosphane/borane Lewis pair frameworks. *Dalton Transactions*, **2019**, 48, 11921-11926	4.3	3
210	Borane-induced ring closure reaction of oligomethylene-linked bis-allenes. *Chemical Science*, **2019**, 11, 1542-1548	9.4	2
209	Aggregation Behavior of a Six-Membered Cyclic Frustrated Phosphane/Borane Lewis Pair: Formation of a Supramolecular Cyclooctameric Macrocyclic Ring System. *Angewandte Chemie - International Edition*, **2019**, 58, 882-886	16.4	20
208	Developing carbon Lewis base/boron Lewis acid frustrated Lewis pair chemistry derived from conjugated dienamines. *Tetrahedron*, **2019**, 75, 571-579	2.4	4
207	Metal-Free Carbonylation Route to a Reactive Borataepoxide System. *Organometallics*, **2018**, 37, 1040-1049	3.8	10
206	Formation and reactions of active five-membered phosphane/borane frustrated Lewis pair ring systems. *Dalton Transactions*, **2018**, 47, 4449-4454	4.3	18
205	Solid state frustrated Lewis pair chemistry. *Chemical Science*, **2018**, 9, 4859-4865	9.4	24
204	Formation of Reactive □Conjugated Frustrated N/B Pairs by Borane-Induced Propargyl Amine Rearrangement. *Journal of the American Chemical Society*, **2018**, 140, 3635-3643	16.4	24
203	Metal-Free Acetylene Coupling by the (C F) B-X 1,2-Halogenoboration Reaction. *Chemistry - A European Journal*, **2018**, 24, 10044	4.8	17
202	A Route toward (Aminomethyl)cyclopentadienide Ligands and Their Group 4 Metal Complexes. *European Journal of Inorganic Chemistry*, **2018**, 2018, 3813-3821	2.3	2
201	Zirconocene mediated acetylboron chemistry. *Chemical Communications*, **2018**, 54, 5724-5727	5.8	2
200	The special role of B(CF) in the single electron reduction of quinones by radicals. *Chemical Science*, **2018**, 9, 8011-8018	9.4	14

199	Unusual 1,1-Hydroboration Route to a Reactive Unsaturated Vicinal Frustrated Phosphane/Borane Lewis Pair. *Organometallics*, **2018**, 37, 2665-2668	3.8	22
198	Formation of macrocyclic ring systems by carbonylation of trifunctional P/B/B frustrated Lewis pairs. *Chemical Science*, **2018**, 9, 1544-1550	9.4	25
197	A convenient route to internally phosphane-stabilized aryltriborane(7) compounds. *Chemical Communications*, **2018**, 54, 12606-12609	5.8	6
196	Phosphirenium borate betaines from alkynylphosphanes and the halogeno-B(CF) reagents. *Chemical Communications*, **2018**, 54, 13746-13749	5.8	10
195	Aggregation Behavior of a Six-Membered Cyclic Frustrated Phosphane/Borane Lewis Pair: Formation of a Supramolecular Cyclooctameric Macrocyclic Ring System. *Angewandte Chemie*, **2018** , 131, 892	3.6	
194	Borane-Induced Dimerization of Arylallenes. *Angewandte Chemie*, **2018**, 130, 14118-14122	3.6	6
193	The Borole Route to Reactive Pentafluorophenyl-Substituted Diboranes(4). *Angewandte Chemie*, **2018**, 130, 14778-14782	3.6	6
192	The Borole Route to Reactive Pentafluorophenyl-Substituted Diboranes(4). *Angewandte Chemie - International Edition*, **2018**, 57, 14570-14574	16.4	14
191	Borane-Induced Dimerization of Arylallenes. *Angewandte Chemie - International Edition*, **2018**, 57, 13922-13926	16.4	11
190	Selective formation of heterocyclic trans-cycloalkenes by alkyne addition to a biphenylene-based phosphane/borane frustrated Lewis pair. *Chemical Communications*, **2018**, 54, 6344-6347	5.8	15
189	Formation of borata-alkene/iminium zwitterions by ynamine hydroboration. *Dalton Transactions*, **2018**, 47, 10853-10856	4.3	5
188	Frustrated Lewis Pair vs Metal□Carbon Bond Insertion Chemistry at an o-Phenylene-Bridged Cp2Zr+/PPh2 System. *Organometallics*, **2017**, 36, 424-434	3.8	21
187	Intermolecular Redox-Neutral Amine C-H Functionalization Induced by the Strong Boron Lewis Acid B(C F) in the Frustrated Lewis Pair Regime. *Chemistry - A European Journal*, **2017**, 23, 4723-4729	4.8	23
186	Frustrated Lewis Pair Chemistry: Searching for New Reactions. *Chemical Record*, **2017**, 17, 803-815	6.6	44
185	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	16.4	39
184	Cooperative carbon monoxide to formyl reduction at a trifunctional PBB frustrated Lewis pair. *Chemical Communications*, **2017**, 53, 5499-5502	5.8	27
183	Metal-Free Arene and Heteroarene Borylation Catalyzed by Strongly Electrophilic Bis-boranes. *Chemistry - A European Journal*, **2017**, 23, 12141-12144	4.8	33
182	Reactions of strongly electrophilic alkenyl(pentafluorophenyl)boranes with the TEMPO radical. *Journal of Organometallic Chemistry*, **2017**, 847, 167-172	2.3	2

181	The Chemistry of a Non-Interacting Vicinal Frustrated Phosphane/Borane Lewis Pair. *Chemistry - A European Journal*, **2017**, 23, 6056-6068	4.8	45
180	Selective Metal-free HB(C6F5)2 Catalyzed Allene Cyclotrimerization: Formation of 1,3,5-Trimethylenecyclohexane and Its Tris-hydroboration Product. *Angewandte Chemie*, **2017**, 129, 1396-1400	3.6	10
179	Selective Metal-free HB(C F) Catalyzed Allene Cyclotrimerization: Formation of 1,3,5-Trimethylenecyclohexane and Its Tris-hydroboration Product. *Angewandte Chemie - International Edition*, **2017**, 56, 1376-1380	16.4	16
178	Reversible formylborane/SO coupling at a frustrated Lewis pair framework. *Chemical Communications*, **2017**, 53, 633-635	5.8	20
177	Tris(pentafluorophenyl)borane-Catalyzed Reaction of Phosphorus/Boron and Nitrogen/Boron Frustrated Lewis Pair Dihydrogen Activation Products with Alkenes and Alkynes. *ChemCatChem*, **2017**, 9, 651-658	5.2	14
176	CO/CO and NO/NO coupling at a hidden frustrated Lewis pair template. *Chemical Science*, **2017**, 8, 2457-2463	9.4	21
175	Utilizing the TEMPO Radical in Zirconocene Cation and Hydrido Zirconocene Chemistry. *Organometallics*, **2017**, 36, 3407-3414	3.8	11
174	Design and reactions of a carbon Lewis base/boron Lewis acid frustrated Lewis pair. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2017**, 375,	3	7
173	Stoichiometric and catalytic isomerization of alkenylboranes using bulky Lewis bases. *Chemical Communications*, **2017**, 53, 9458-9461	5.8	2
172	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	4.3	27
171	Frustrated Lewis pair chemistry. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2017**, 375,	3	6
170	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	3.8	17
169	Reduction of Dioxygen by Radical/B(p-C F X) Pairs to Give Isolable Bis(borane)superoxide Compounds. *Angewandte Chemie - International Edition*, **2017**, 56, 16641-16644	16.4	17
168	Reduction of Dioxygen by Radical/B(p-C6F4X)3 Pairs to Give Isolable Bis(borane)superoxide Compounds. *Angewandte Chemie*, **2017**, 129, 16868-16871	3.6	3
167	Making Use of the Functional Group Combination of a Phosphane/Borane Lewis Pair Connected by an Unsaturated Four-Carbon Bridge. *European Journal of Inorganic Chemistry*, **2017**, 2017, 4519-4524	2.3	3
166	Borata-Wittig olefination reactions of ketones, carboxylic esters and amides with bis(pentafluorophenyl)borata-alkene reagents. *Organic and Biomolecular Chemistry*, **2017**, 15, 6223-6232	3.9	21
165	PhosphineBorane Frustrated Lewis Pairs Derived from a 1,1?-Disubstituted Ferrocene Scaffold: Synthesis and Hydrogenation Catalysis. *Organometallics*, **2017**, 36, 2940-2946	3.8	11
164	A Ferrocene-Based Phosphane/Borane Frustrated Lewis Pair for Asymmetric Imine Reduction. *European Journal of Inorganic Chemistry*, **2017**, 2017, 368-371	2.3	30

163	Geminal bis-borane formation by borane Lewis acid induced cyclopropyl rearrangement and its frustrated Lewis pair reaction with carbon dioxide. *Chemical Science*, **2017**, 8, 1097-1104	9.4	11
162	Advanced 1,1-carboboration reactions with pentafluorophenylboranes. *Chemical Science*, **2016**, 7, 56-65	9.4	63
161	Cooperative 1,1-addition reactions of vicinal phosphane/borane frustrated Lewis pairs. *Coordination Chemistry Reviews*, **2016**, 306, 468-482	23.2	32
160	Borata-Alkene Derived Syntheses of (F5C6)2B-Substituted Bis(indenyl) Group 4 Metal Complexes. *Organometallics*, **2016**, 35, 2689-2693	3.8	7
159	An Ethylene-Bridged Phosphane/Borane Frustrated Lewis Pair Featuring the -B(Fxyl)2 Lewis Acid Component. *Chemistry - A European Journal*, **2016**, 22, 11015-21	4.8	22
158	Indirect synthesis of a pair of formal methane activation products at a phosphane/borane frustrated Lewis pair. *Dalton Transactions*, **2016**, 45, 19230-19233	4.3	7
157	Formation of Thermally Robust Frustrated Lewis Pairs by Electrocyclic Ring Closure Reactions. *Angewandte Chemie - International Edition*, **2016**, 55, 5526-30	16.4	26
156	Phospha-Claisen Type Reactions at Frustrated Lewis Pair Frameworks. *Journal of the American Chemical Society*, **2016**, 138, 8554-9	16.4	17
155	Selective N,O-Addition of the TEMPO Radical to Conjugated Boryldienes. *Angewandte Chemie*, **2016**, 128, 1492-1495	3.6	5
154	Formation of Thermally Robust Frustrated Lewis Pairs by Electrocyclic Ring Closure Reactions. *Angewandte Chemie*, **2016**, 128, 5616-5620	3.6	9
153	Selective N,O-Addition of the TEMPO Radical to Conjugated Boryldienes. *Angewandte Chemie - International Edition*, **2016**, 55, 1470-3	16.4	19
152	Rapid Dihydrogen Cleavage by Persistent Nitroxide Radicals under Frustrated Lewis Pair Conditions. *Chemistry - A European Journal*, **2016**, 22, 9504-7	4.8	25
151	Selective Oxidation of an Active Intramolecular Amine/Borane Frustrated Lewis Pair with Dioxygen. *Journal of the American Chemical Society*, **2016**, 138, 4302-5	16.4	38
150	FLPNO Nitroxide Radical Formation by a 1,1-Carboboration Route. *Organometallics*, **2016**, 35, 55-61	3.8	11
149	Cooperative reaction chemistry derived from a borata-diene framework. *Chemical Communications*, **2016**, 52, 1393-6	5.8	9
148	Phosphole formation by 1,1-carboboration--reactions of bis-alkynyl phosphanes with a frustrated P/B Lewis pair. *Dalton Transactions*, **2016**, 45, 2023-30	4.3	8
147	Coupling of Carbon Monoxide with Nitrogen Monoxide at a Frustrated Lewis Pair Template. *Angewandte Chemie*, **2016**, 128, 9362-9365	3.6	8
146	Coupling of Carbon Monoxide with Nitrogen Monoxide at a Frustrated Lewis Pair Template. *Angewandte Chemie - International Edition*, **2016**, 55, 9216-9	16.4	23

145	Cyclic Amine/Borane Lewis Pairs by the Reaction of N,N-Diallylaniline with Lancaster's H2 B-C6 F5 Reagent. *Chemistry - an Asian Journal*, **2016**, 11, 1394-9	4.5	12
144	Why Does the Intramolecular Trimethylene-Bridged Frustrated Lewis Pair Mes2 PCH2 CH2 CH2 B(C6 F5)2 Not Activate Dihydrogen?. *Chemistry - A European Journal*, **2016**, 22, 5988-95	4.8	35
143	Frustrated Lewis Pair Chemistry Derived from Bulky Allenyl and Propargyl Phosphanes. *Chemistry - A European Journal*, **2016**, 22, 1103-13	4.8	31
142	Unsaturated Vicinal Frustrated Lewis Pair Formation by Electrocyclic Ring Closure and Their Reaction with Nitric Oxide. *Organometallics*, **2016**, 35, 3667-3680	3.8	13
141	A Frustrated Phosphane-Borane Lewis Pair and Hydrogen: A Kinetics Study. *Chemistry - A European Journal*, **2016**, 22, 11958-61	4.8	20
140	Phosphido- and Amidozirconocene Cation-Based Frustrated Lewis Pair Chemistry. *Journal of the American Chemical Society*, **2015**, 137, 10796-808	16.4	55
139	□CH acidity of alkyl-B(CF) compounds - the role of stabilized borata-alkene formation in frustrated Lewis pair chemistry. *Chemical Science*, **2015**, 6, 816-825	9.4	54
138	Direct synthesis of a geminal zwitterionic phosphonium/hydridoborate system--developing an alternative tool for generating frustrated Lewis pair hydrogen activation systems. *Organic and Biomolecular Chemistry*, **2015**, 13, 5783-92	3.9	22
137	Synthetic Endeavors toward Titanium Based Frustrated Lewis Pairs with Controlled Electronic and Steric Properties. *Organometallics*, **2015**, 34, 2000-2011	3.8	25
136	Frustrated Lewis pair chemistry: development and perspectives. *Angewandte Chemie - International Edition*, **2015**, 54, 6400-41	16.4	1154
135	Thiophene synthesis via 1,1-carboboration. *Chemical Communications*, **2015**, 51, 7226-9	5.8	18
134	Stabilized borata-alkene formation: structural features, reactions and the role of the counter cation. *Dalton Transactions*, **2015**, 44, 21032-40	4.3	32
133	Trisubstituted Boroles by 1,1-Carboboration. *Organometallics*, **2015**, 34, 4205-4208	3.8	20
132	Enamine/butadienylborane cycloaddition in the frustrated Lewis pair regime. *Organic and Biomolecular Chemistry*, **2015**, 13, 10477-86	3.9	8
131	Synthesis of new asymmetric substituted boron amidines - reactions with CO and transfer hydrogenations of phenylacetylene. *Dalton Transactions*, **2015**, 44, 19606-14	4.3	19
130	1,1-Alkenylboration of diarylphosphino-enynes: convenient synthetic entry to vicinal P/B Lewis pairs at extended conjugated □frameworks. *Organic and Biomolecular Chemistry*, **2015**, 13, 764-9	3.9	12
129	Bifunctional Behavior of Unsaturated Intramolecular Phosphane-Borane Frustrated Lewis Pairs Derived from Uncatalyzed 1,4-Hydrophosphination of a Dienylborane. *Chemistry - A European Journal*, **2015**, 21, 12449-55	4.8	13
128	Observation of a thermally induced Bora-Nazarov cyclization at a phosphole framework. *Angewandte Chemie - International Edition*, **2015**, 54, 12366-9	16.4	10

127	A 1,1-Carboboration Route to Bora-Nazarov Systems. *Chemistry - an Asian Journal*, **2015**, 10, 2497-502	4.5	10
126	Chemie frustrierter Lewis-Paare: Entwicklung und Perspektiven. *Angewandte Chemie*, **2015**, 127, 6498-6541	3.6	442
125	Functionalization of Intramolecular Frustrated Lewis Pairs by 1,1-Carboboration with Conjugated Enynes. *Chemistry - A European Journal*, **2015**, 21, 12456-64	4.8	18
124	Observation of a Thermally Induced Bora-Nazarov Cyclization at a Phosphole Framework. *Angewandte Chemie*, **2015**, 127, 12543-12546	3.6	2
123	Hydroxymethylation of pyridines at a frustrated Lewis pair template. *Chemistry - A European Journal*, **2015**, 21, 1454-7	4.8	20
122	Structural Characterization of Frustrated Lewis Pairs and Their Reaction Products Using Modern Solid-State NMR Spectroscopy Techniques. *Israel Journal of Chemistry*, **2015**, 55, 150-178	3.4	15
121	Reactions of Boroles Formed by 1,1-Carboboration. *Organometallics*, **2015**, 34, 229-235	3.8	34
120	Benzannulation of heterocyclic frameworks by 1,1-carboboration pathways. *Journal of Organic Chemistry*, **2015**, 80, 2240-8	4.2	29
119	The frustrated Lewis pair pathway to methylene phosphonium systems. *Chemical Science*, **2014**, 5, 797-803	9.4	43
118	Formylborane formation with frustrated Lewis pair templates. *Angewandte Chemie - International Edition*, **2014**, 53, 1118-21	16.4	115
117	Frustrated Lewis pair chemistry of carbon, nitrogen and sulfur oxides. *Chemical Science*, **2014**, 5, 2625-2641	9.4	310
116	Borole formation by 1,1-carboboration. *Journal of the American Chemical Society*, **2014**, 136, 68-71	16.4	87
115	Reaction of a bridged frustrated Lewis pair with nitric oxide: a kinetics study. *Journal of the American Chemical Society*, **2014**, 136, 513-9	16.4	65
114	Developing phospha-Stork chemistry induced by a borane Lewis acid. *Angewandte Chemie - International Edition*, **2014**, 53, 12168-71	16.4	28
113	Borata-alkene derivatives conveniently made by frustrated Lewis pair chemistry. *Dalton Transactions*, **2014**, 43, 632-8	4.3	40
112	Ethene/alkyne exchange reaction at an intramolecular frustrated Lewis pair. *Chemical Communications*, **2014**, 50, 1980-2	5.8	13
111	Formation, structural characterization, and reactions of a unique cyclotrimeric vicinal Lewis pair containing (C6F5)2P-Lewis base and (C6F5)BH-Lewis acid components. *Dalton Transactions*, **2014**, 43, 15159-69	4.3	14
110	Formation of unsaturated vicinal Zr(+)/P frustrated Lewis pairs by the unique 1,1-carbozirconation reactions. *Journal of the American Chemical Society*, **2014**, 136, 12431-43	16.4	50

109	Reactivity of an intramolecular fluorophosphonium fluoroborate. *Chemistry - A European Journal*, **2014**, 20, 11287-90	4.8	9
108	Preparation of dithienylphospholes by 1,1-carboboration. *Chemistry - A European Journal*, **2014**, 20, 11883-93	4.8	19
107	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, 9014-27	16.4	57
106	Zwitterionic Phosphirenium Borates Derived from Bis(alkynyl)mesityl Phosphanes and Tris(pentafluorophenyl)borane. *Heteroatom Chemistry*, **2014**, 25, 396-401	1.2	12
105	Formylborane Formation with Frustrated Lewis Pair Templates. *Angewandte Chemie*, **2014**, 126, 1136-1139	3.6	54
104	Developing Phospha-Stork Chemistry Induced by a Borane Lewis Acid. *Angewandte Chemie*, **2014**, 126, 12364-12367	3.6	15
103	Remarkable coordination behavior of alkyl isocyanides toward unsaturated vicinal frustrated P/B Lewis pairs. *Chemical Science*, **2013**, 4, 2657	9.4	75
102	Reaction of strongly electrophilic alkenylboranes with phosphanylalkynes: rare examples of intermolecular 1,1-alkenylboration reactions. *Chemical Communications*, **2013**, 49, 6992-4	5.8	29
101	Remarkable behavior of a bifunctional alkynylborane zirconocene complex toward donor ligands and acetylenes. *Journal of the American Chemical Society*, **2013**, 135, 17444-56	16.4	26
100	Carbonylation reactions of intramolecular vicinal frustrated phosphane/borane Lewis pairs. *Journal of the American Chemical Society*, **2013**, 135, 18567-74	16.4	83
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