Gerhard

List of Publications by Citations

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	Frustrated Lewis pairs: metal-free hydrogen activation and more. *Angewandte Chemie - International Edition*, **2010**, 49, 46-76	16.4	1585
251	Frustrated Lewis pair chemistry: development and perspectives. *Angewandte Chemie - International Edition*, **2015**, 54, 6400-41	16.4	1154
250	Frustrierte Lewis-Paare: metallfreie Wasserstoffaktivierung und mehr. *Angewandte Chemie*, **2010**, 122, 50-81	3.6	611
249	Reversible metal-free carbon dioxide binding by frustrated Lewis pairs. *Angewandte Chemie - International Edition*, **2009**, 48, 6643-6	16.4	586
248	Rapid intramolecular heterolytic dihydrogen activation by a four-membered heterocyclic phosphane-borane adduct. *Chemical Communications*, **2007**, 5072-4	5.8	516
247	Chemie frustrierter Lewis-Paare: Entwicklung und Perspektiven. *Angewandte Chemie*, **2015**, 127, 6498-6541	3.6	442
246	Metal-free catalytic hydrogenation of enamines, imines, and conjugated phosphinoalkenylboranes. *Angewandte Chemie - International Edition*, **2008**, 47, 7543-6	16.4	393
245	The mechanism of dihydrogen activation by frustrated Lewis pairs revisited. *Angewandte Chemie - International Edition*, **2010**, 49, 1402-5	16.4	350
244	Frustrated Lewis pair chemistry of carbon, nitrogen and sulfur oxides. *Chemical Science*, **2014**, 5, 2625-2641	9.4	310
243	Tris(pentafluorophenyl)borane: a special boron Lewis acid for special reactions. *Dalton Transactions* , **2005**, 1883-90	4.3	299
242	Lewis Acid Properties of Tris(pentafluorophenyl)borane. Structure and Bonding in LB(C6F5)3 Complexes?. *Organometallics*, **1999**, 18, 1724-1735	3.8	296
241	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**, 5966-8	5.8	256
240	Reversible, nicht metallunterstützte Bindung von Kohlendioxid durch frustrierte Lewis-Paare. *Angewandte Chemie*, **2009**, 121, 6770-6773	3.6	208
239	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, 12280-9	16.4	205
238	The Remarkable Features of (η4-Conjugated Diene)zirconocene and -hafnocene Complexes. *Advances in Organometallic Chemistry*, **1985**, 1-39	3.8	189
237	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	16.4	185
236	Metallfreie katalytische Hydrierung von Enaminen, Iminen und konjugierten Phosphinoalkenylboranen. *Angewandte Chemie*, **2008**, 120, 7654-7657	3.6	174

235	1,1-Carboboration. *Chemical Communications*, **2012**, 48, 1839-50	5.8	166
234	Capture of NO by a Frustrated Lewis Pair: a new type of persistent N-oxyl radical. *Angewandte Chemie - International Edition*, **2011**, 50, 7567-71	16.4	161
233	Reaction of frustrated Lewis pairs with conjugated ynones-selective hydrogenation of the carbon-carbon triple bond. *Angewandte Chemie - International Edition*, **2011**, 50, 7183-6	16.4	160
232	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, 10156-68	16.4	147
231	Carbon-carbon bond activation by 1,1-carboboration of internal alkynes. *Journal of the American Chemical Society*, **2010**, 132, 13594-5	16.4	139
230	CO2 and formate complexes of phosphine/borane frustrated Lewis pairs. *Chemistry - A European Journal*, **2011**, 17, 9640-50	4.8	135
229	Reactions of phosphorus/boron frustrated Lewis pairs with SO2. *Chemical Science*, **2013**, 4, 213-219	9.4	132
228	Facile carbon monoxide reduction at intramolecular frustrated phosphane/borane Lewis pair templates. *Angewandte Chemie - International Edition*, **2013**, 52, 2243-6	16.4	132
227	Intramolecular frustrated N/B lewis pairs by enamine hydroboration. *Chemical Science*, **2011**, 2, 1842	9.4	130
226	Addition reactions to the intramolecular mesityl2P-CH2-CH2-B(C6F5)2 frustrated Lewis pair. *Dalton Transactions*, **2010**, 39, 7556-64	4.3	128
225	Formation of cyclic allenes and cumulenes by cooperative addition of frustrated Lewis pairs to conjugated enynes and diynes. *Angewandte Chemie - International Edition*, **2010**, 49, 2414-7	16.4	118
224	Formylborane formation with frustrated Lewis pair templates. *Angewandte Chemie - International Edition*, **2014**, 53, 1118-21	16.4	115
223	1,1-carboboration of 1-alkynes: a conceptual alternative to the hydroboration reaction. *Organic Letters*, **2011**, 13, 62-5	6.2	111
222	Neue Einblicke in den Mechanismus der Diwasserstoff-Aktivierung durch frustrierte Lewis-Paare. *Angewandte Chemie*, **2010**, 122, 1444-1447	3.6	110
221	Frustrated Lewis Pair Behavior of Intermolecular Amine/B(C6F5)3 Pairs. *Organometallics*, **2012**, 31, 2367-2378	3.8	109
220	Frustrated lewis pair mediated hydrogenations. *Topics in Current Chemistry*, **2013**, 332, 85-110		108
219	Cyclizations via frustrated Lewis pairs: Lewis acid induced intramolecular additions of amines to olefins and alkynes. *Chemistry - A European Journal*, **2010**, 16, 3005-8	4.8	103
218	Chemistry of a geminal frustrated Lewis pair featuring electron withdrawing C6F5 substituents at both phosphorus and boron. *Chemical Communications*, **2011**, 47, 4288-90	5.8	101

217	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, 2199-208	4.5	101
216	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, 4610-6	16.4	96
215	Alkenylborane-Derived Frustrated Lewis Pairs: Metal-Free Catalytic Hydrogenation Reactions of Electron-Deficient Alkenes. *Organometallics*, **2012**, 31, 5638-5649	3.8	95
214	Reaction of the Lewis Acid Tris(pentafluorophenyl)borane with a Phosphorus Ylide: Competition between Adduct Formation and Electrophilic and Nucleophilic Aromatic Substitution Pathways. *Organometallics*, **1998**, 17, 2183-2187	3.8	93
213	(s-trans-η4-Dien)zirconocen-Komplexe. *Chemische Berichte*, **1982**, 115, 3300-3310		92
212	Structure and dynamic features of an intramolecular frustrated Lewis pair. *Chemistry - A European Journal*, **2010**, 16, 14069-73	4.8	91
211	Frustrated Lewis pairs: Some recent developments. *Pure and Applied Chemistry*, **2012**, 84, 2203-2217	2.1	90
210	Reactions of a cationic geminal Zr+/P pair with small molecules. *Journal of the American Chemical Society*, **2013**, 135, 6465-76	16.4	89
209	Electronic Control of Frustrated Lewis Pair Behavior: Chemistry of a Geminal Alkylidene-Bridged Per-pentafluorophenylated P/B Pair. *Organometallics*, **2011**, 30, 4211-4219	3.8	88
208	Borole formation by 1,1-carboboration. *Journal of the American Chemical Society*, **2014**, 136, 68-71	16.4	87
207	Carbonylation reactions of intramolecular vicinal frustrated phosphane/borane Lewis pairs. *Journal of the American Chemical Society*, **2013**, 135, 18567-74	16.4	83
206	Noninteracting, vicinal frustrated P/B-Lewis pair at the norbornane framework: synthesis, characterization, and reactions. *Journal of the American Chemical Society*, **2013**, 135, 8882-95	16.4	79
205	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	16.4	77
204	Remarkable coordination behavior of alkyl isocyanides toward unsaturated vicinal frustrated P/B Lewis pairs. *Chemical Science*, **2013**, 4, 2657	9.4	75
203	New insights into frustrated Lewis pairs: structural investigations of intramolecular phosphane-borane adducts by using modern solid-state NMR techniques and DFT calculations. *Journal of the American Chemical Society*, **2012**, 134, 4236-49	16.4	74
202	Five-membered metallacyclic allenoids: synthesis and structure of remarkably stable strongly distorted cyclic allene derivatives. *Angewandte Chemie - International Edition*, **2008**, 47, 2622-5	16.4	74
201	The 1,1-carboboration of bis(alkynyl)phosphanes as a route to phosphole compounds. *Angewandte Chemie - International Edition*, **2012**, 51, 1954-7	16.4	70
200	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

199	Frustrated Lewis pairs: Reactions with dihydrogen and other small molecules. *Comptes Rendus Chimie*, **2011**, 14, 831-841	2.7	65
198	Reaktionen frustrierter Lewis-Paare mit konjugierten Inonen: selektive Hydrierung der Kohlenstoff-Kohlenstoff-Dreifachbindung. *Angewandte Chemie*, **2011**, 123, 7321-7324	3.6	65
197	Heterolytic Cleavage of Dihydrogen by Frustrated Lewis Pairs Derived from (Dimesitylphosphino)ferrocenes and B(C6F5)3. *Organometallics*, **2008**, 27, 5279-5284	3.8	65
196	Generation of homogeneous (sp(3)-C(1))-bridged Cp/amido and Cp/phosphido group 4 metal Ziegler-Natta catalyst systems. *Journal of the American Chemical Society*, **2001**, 123, 6181-2	16.4	64
195	Advanced 1,1-carboboration reactions with pentafluorophenylboranes. *Chemical Science*, **2016**, 7, 56-65	9.4	63
194	Phosphirenium-borate zwitterion: formation in the 1,1-carboboration reaction of phosphinylalkynes. *Chemical Communications*, **2011**, 47, 10482-4	5.8	62
193	Synthesis, Structural Features, and Formation of Organometallic Derivates of C1-Bridged Cp/Amido Titanium and Zirconium CpCN-Constrained Geometry Systems. *Organometallics*, **2005**, 24, 4760-4773	3.8	62
192	Formation of sp3-C1-Bridged Cp/Amido Titanium and Zirconium CpCN Constrained-Geometry Ziegler Natta Catalyst Systems. *Organometallics*, **2002**, 21, 1031-1041	3.8	61
191	Intramolecular frustrated lewis pairs: formation and chemical features. *Topics in Current Chemistry*, **2013**, 332, 45-83		60
190	Capture of NO by a Frustrated Lewis Pair: A New Type of Persistent N-Oxyl Radical. *Angewandte Chemie*, **2011**, 123, 7709-7713	3.6	59
189	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
188	Facile Carbon Monoxide Reduction at Intramolecular Frustrated Phosphane/Borane Lewis Pair Templates. *Angewandte Chemie*, **2013**, 125, 2299-2302	3.6	57
187	Reactions of Modified Intermolecular Frustrated P/B Lewis Pairs with Dihydrogen, Ethene, and Carbon Dioxide. *Organometallics*, **2012**, 31, 2801-2809	3.8	56
186	Phosphido- and Amidozirconocene Cation-Based Frustrated Lewis Pair Chemistry. *Journal of the American Chemical Society*, **2015**, 137, 10796-808	16.4	55
185	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
184	Formylborane Formation with Frustrated Lewis Pair Templates. *Angewandte Chemie*, **2014**, 126, 1136-1139	3.6	54
183	Cyclische Allene und Cumulene durch kooperative Addition frustrierter Lewis-Paare an konjugierte Enine und Diine. *Angewandte Chemie*, **2010**, 122, 2464-2467	3.6	53
182	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	16.4	52

181	Electronic control in frustrated Lewis pair chemistry: adduct formation of intramolecular FLP systems with -P(C(6)F(5))(2) Lewis base components. *Dalton Transactions*, **2013**, 42, 4487-99	4.3	51
180	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
179	1,2-Olefin addition of a frustrated amine-borane Lewis pair. *Chemical Communications*, **2009**, 7417-8	5.8	50
178	Uncovering Alternative Reaction Pathways Taken by Group 4 Metallocene Cations: Facile Intramolecular CH Activation of Cp(Dimethylamino)alkyl Substituents by a Methylzirconocene Cation. *Organometallics*, **1997**, 16, 2891-2899	3.8	50
177	Chemistry of Metal–Metal-Bonded Early–Late Heterobimetallics: Cooperative Reactions of Functional Groups at a Persistent Organometallic Zr–Rh Framework. *Organometallics*, **2005**, 24, 214-225	3.8	49
176	The Chemistry of a Non-Interacting Vicinal Frustrated Phosphane/Borane Lewis Pair. *Chemistry - A European Journal*, **2017**, 23, 6056-6068	4.8	45
175	Frustrated Lewis Pair Chemistry: Searching for New Reactions. *Chemical Record*, **2017**, 17, 803-815	6.6	44
174	The frustrated Lewis pair pathway to methylene phosphonium systems. *Chemical Science*, **2014**, 5, 797-803	9.4	43
173	Hydrogen activation by an intramolecular boron Lewis acid/zirconocene pair. *Angewandte Chemie - International Edition*, **2012**, 51, 8830-3	16.4	43
172	Evidence for Nitrogen Participation in the Internal CH Activation Reaction at ((Dimethylamino)methyl)cyclopentadienyl-Derived Methylzirconocene Cations. *Organometallics*, **1999**, 18, 3818-3826	3.8	43
171	Facile 1,1-Carboboration Reactions of Acetylenic Thioethers. *Organometallics*, **2013**, 32, 384-386	3.8	41
170	Syntheses and reactions of fulvene-derived substituted aminoalkyl-Cp and phosphinoalkyl-Cp-Group 4 metal complexes. *Coordination Chemistry Reviews*, **2006**, 250, 1056-1070	23.2	41
169	Borata-alkene derivatives conveniently made by frustrated Lewis pair chemistry. *Dalton Transactions*, **2014**, 43, 632-8	4.3	40
168	1,1-Carboboration route to substituted naphthalenes. *Organic Letters*, **2012**, 14, 1448-51	6.2	40
167	Reaction of frustrated Lewis pairs with ketones and esters. *Chemistry - an Asian Journal*, **2012**, 7, 1347-56	4.5	40
166	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
165	A Unique Frustrated Lewis Pair Pathway to Remarkably Stable Borata-Alkene Systems. *European Journal of Inorganic Chemistry*, **2013**, 2013, 3312-3315	2.3	39
164	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

163	1,1-carbozirconation: unusual reaction of an alkyne with a methyl zirconocene cation and subsequent frustrated lewis pair like reactivity. *Angewandte Chemie - International Edition*, **2013**, 52, 13629-32	16.4	36
162	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
161	Reactions of Boroles Formed by 1,1-Carboboration. *Organometallics*, **2015**, 34, 229-235	3.8	34
160	Alkene Addition of Frustrated P/B and N/B Lewis Pairs at the [3]Ferrocenophane Framework. *Organometallics*, **2011**, 30, 584-594	3.8	34
159	Treatment of Naphthols with B(C(6)F(5))(3): Formation and Characterization of the Lewis Acid Adducts of Their Keto Isomers. *Angewandte Chemie - International Edition*, **1999**, 38, 3362-3365	16.4	34
158	Metal-Free Arene and Heteroarene Borylation Catalyzed by Strongly Electrophilic Bis-boranes. *Chemistry - A European Journal*, **2017**, 23, 12141-12144	4.8	33
157	Photochemical isomerisation of boryl-substituted silole derivatives. *Chemical Communications*, **2010**, 46, 3016-8	5.8	33
156	Cooperative 1,1-addition reactions of vicinal phosphane/borane frustrated Lewis pairs. *Coordination Chemistry Reviews*, **2016**, 306, 468-482	23.2	32
155	Stabilized borata-alkene formation: structural features, reactions and the role of the counter cation. *Dalton Transactions*, **2015**, 44, 21032-40	4.3	32
154	Preparation of Dihydroborole Derivatives by a Simple 1,1-Carboboration Route. *Organometallics*, **2012**, 31, 2445-2451	3.8	31
153	Frustrated Lewis Pair Chemistry Derived from Bulky Allenyl and Propargyl Phosphanes. *Chemistry - A European Journal*, **2016**, 22, 1103-13	4.8	31
152	Structural features and reactions of a geminal frustrated phosphane/borane Lewis pair. *Journal of Organometallic Chemistry*, **2013**, 744, 149-155	2.3	30
151	A Ferrocene-Based Phosphane/Borane Frustrated Lewis Pair for Asymmetric Imine Reduction. *European Journal of Inorganic Chemistry*, **2017**, 2017, 368-371	2.3	30
150	Reactions of a methylzirconocene cation with phosphinoalkynes: an alternative pathway for generating Cp2Zr(II) systems. *Chemical Communications*, **2012**, 48, 6109-11	5.8	30
149	Reaction of strongly electrophilic alkenylboranes with phosphanylalkynes: rare examples of intermolecular 1,1-alkenylboration reactions. *Chemical Communications*, **2013**, 49, 6992-4	5.8	29
148	Reaction of an "invisible" frustrated N/B Lewis pair with dihydrogen. *Chemistry - an Asian Journal*, **2013**, 8, 212-7	4.5	29
147	Benzannulation of heterocyclic frameworks by 1,1-carboboration pathways. *Journal of Organic Chemistry*, **2015**, 80, 2240-8	4.2	29
146	Stereochemistry of the [4 + 2] Cycloaddition of Diarylselenoketones with Conjugated Dienes. *Journal of the American Chemical Society*, **1995**, 117, 10922-10930	16.4	29

145	Developing phospha-Stork chemistry induced by a borane Lewis acid. *Angewandte Chemie - International Edition*, **2014**, 53, 12168-71	16.4	28
144	Frustrated Lewis pair addition to conjugated diynes: formation of zwitterionic 1,2,3-butatriene derivatives. *Dalton Transactions*, **2012**, 41, 9135-42	4.3	28
143	Cooperative carbon monoxide to formyl reduction at a trifunctional PBB frustrated Lewis pair. *Chemical Communications*, **2017**, 53, 5499-5502	5.8	27
142	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
141	Die 1,1-Carboborierung von Bis(alkinyl)phosphanen als Zugang zum Phospholgerüst. *Angewandte Chemie*, **2012**, 124, 1990-1993	3.6	27
140	Functional group chemistry at intramolecular frustrated Lewis pairs: substituent exchange at the Lewis acid site with 9-BBN. *Dalton Transactions*, **2013**, 42, 709-18	4.3	27
139	Functional-group chemistry of organolithium compounds: photochemical [2+2] cycloaddition of alkenyl-substituted lithium cyclopentadienides. *Angewandte Chemie - International Edition*, **2006**, 45, 3079-82	16.4	27
138	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
137	Formation of Thermally Robust Frustrated Lewis Pairs by Electrocyclic Ring Closure Reactions. *Angewandte Chemie - International Edition*, **2016**, 55, 5526-30	16.4	26
136	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
135	Synthetic Endeavors toward Titanium Based Frustrated Lewis Pairs with Controlled Electronic and Steric Properties. *Organometallics*, **2015**, 34, 2000-2011	3.8	25
134	Rapid Dihydrogen Cleavage by Persistent Nitroxide Radicals under Frustrated Lewis Pair Conditions. *Chemistry - A European Journal*, **2016**, 22, 9504-7	4.8	25
133	Reaction of Unsaturated Vicinal Phosphane/Borane Frustrated Lewis Pairs with Benzaldehyde. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2013**, 639, 2455-2462	1.3	25
132	Mechanism of Allenic Dimerization. *Angewandte Chemie International Edition in English*, **1973**, 12, 504-505		25
131	Formation of macrocyclic ring systems by carbonylation of trifunctional P/B/B frustrated Lewis pairs. *Chemical Science*, **2018**, 9, 1544-1550	9.4	25
130	Solid state frustrated Lewis pair chemistry. *Chemical Science*, **2018**, 9, 4859-4865	9.4	24
129	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
128	Tellurobenzaldehyde by Staudinger-Chalcogenation of the Ylide Benzylidenetriphenylphosphorane. *Angewandte Chemie International Edition in English*, **1989**, 28, 179-180		24

127	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
126	Coupling of Carbon Monoxide with Nitrogen Monoxide at a Frustrated Lewis Pair Template. *Angewandte Chemie - International Edition*, **2016**, 55, 9216-9	16.4	23
125	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
124	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
123	Unusual 1,1-Hydroboration Route to a Reactive Unsaturated Vicinal Frustrated Phosphane/Borane Lewis Pair. *Organometallics*, **2018**, 37, 2665-2668	3.8	22
122	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
121	CO/CO and NO/NO coupling at a hidden frustrated Lewis pair template. *Chemical Science*, **2017**, 8, 2457-2463	9.4	21
120	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
119	Nitrile insertion into a boryl-substituted five-membered zirconacycloallenoid: unexpected formation of a zwitterionic boratirane product. *Chemical Communications*, **2009**, 6572-3	5.8	21
118	Reversible formylborane/SO coupling at a frustrated Lewis pair framework. *Chemical Communications*, **2017**, 53, 633-635	5.8	20
117	Trisubstituted Boroles by 1,1-Carboboration. *Organometallics*, **2015**, 34, 4205-4208	3.8	20
116	□Hydroxymethylation of pyridines at a frustrated Lewis pair template. *Chemistry - A European Journal*, **2015**, 21, 1454-7	4.8	20
115	Detection of a Thiaphosphetane during the Reaction of the Ylide Ph3P:CH2 with Thiobenzophenone. *Journal of the American Chemical Society*, **1995**, 117, 7293-7294	16.4	20
114	A Frustrated Phosphane-Borane Lewis Pair and Hydrogen: A Kinetics Study. *Chemistry - A European Journal*, **2016**, 22, 11958-61	4.8	20
113	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
112	Synthesis of new asymmetric substituted boron amidines - reactions with CO and transfer hydrogenations of phenylacetylene. *Dalton Transactions*, **2015**, 44, 19606-14	4.3	19
111	Selective N,O-Addition of the TEMPO Radical to Conjugated Boryldienes. *Angewandte Chemie - International Edition*, **2016**, 55, 1470-3	16.4	19
110	Preparation of dithienylphospholes by 1,1-carboboration. *Chemistry - A European Journal*, **2014**, 20, 11883-93	4.8	19

109	Thiophene synthesis via 1,1-carboboration. *Chemical Communications*, **2015**, 51, 7226-9	5.8	18
108	Formation and reactions of active five-membered phosphane/borane frustrated Lewis pair ring systems. *Dalton Transactions*, **2018**, 47, 4449-4454	4.3	18
107	Functionalization of Intramolecular Frustrated Lewis Pairs by 1,1-Carboboration with Conjugated Enynes. *Chemistry - A European Journal*, **2015**, 21, 12456-64	4.8	18
106	An Enamine/HB(C6F5)2 Adduct as a Dormant State in Frustrated Lewis Pair Chemistry. *Organometallics*, **2013**, 32, 6745-6752	3.8	18
105	Metal-Free Acetylene Coupling by the (C F) B-X 1,2-Halogenoboration Reaction. *Chemistry - A European Journal*, **2018**, 24, 10044	4.8	17
104	Phospha-Claisen Type Reactions at Frustrated Lewis Pair Frameworks. *Journal of the American Chemical Society*, **2016**, 138, 8554-9	16.4	17
103	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
102	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
101	Carboboration Reactions of 1,2-Bis[(diarylphosphino)ethynyl]benzenes with Tris(pentafluorophenyl)borane. *Helvetica Chimica Acta*, **2012**, 95, 2515-2527	2	17
100	Reactions of bis(alkynyl)silanes with HB(C6F5)2: Formation of boryl-substituted silacyclobutene derivatives. *Journal of Organometallic Chemistry*, **2011**, 696, 1184-1188	2.3	17
99	Preparation and Structural Features of Lithium Cyclopentadienides that Contain Amino Acid-Derived Cp-Substituents. *Organometallics*, **2001**, 20, 572-574	3.8	17
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1 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