

Douglas Stephan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1504802/douglas-stephan-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

590
papers

36,429
citations

92
h-index

168
g-index

691
ext. papers

39,934
ext. citations

7.3
avg, IF

8.36
L-index

#	Paper	IF	Citations
590	Frustrated Lewis pairs: metal-free hydrogen activation and more. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 46-76	16.4	1585
589	Reversible, metal-free hydrogen activation. <i>Science</i> , 2006 , 314, 1124-6	33.3	1552
588	Frustrated Lewis pair chemistry: development and perspectives. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6400-41	16.4	1154
587	Frustrated Lewis pairs: from concept to catalysis. <i>Accounts of Chemical Research</i> , 2015 , 48, 306-16	24.3	718
586	Facile heterolytic cleavage of dihydrogen by phosphines and boranes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1880-1	16.4	699
585	Frustrated Lewis Pairs. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10018-32	16.4	689
584	The broadening reach of frustrated Lewis pair chemistry. <i>Science</i> , 2016 , 354,	33.3	636
583	Reversible metal-free carbon dioxide binding by frustrated Lewis pairs. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6643-6	16.4	586
582	"Frustrated Lewis pairs": a concept for new reactivity and catalysis. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1535-9	3.9	533
581	Metal-free catalytic hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8050-3	16.4	520
580	Rapid intramolecular heterolytic dihydrogen activation by a four-membered heterocyclic phosphane-borane adduct. <i>Chemical Communications</i> , 2007 , 5072-4	5.8	516
579	Frustrated Lewis pairs: a new strategy to small molecule activation and hydrogenation catalysis. <i>Dalton Transactions</i> , 2009 , 3129-36	4.3	483
578	Room temperature reduction of CO ₂ to methanol by Al-based frustrated Lewis pairs and ammonia borane. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1796-7	16.4	479
577	Chemie frustrierter Lewis-Paare: Entwicklung und Perspektiven. <i>Angewandte Chemie</i> , 2015 , 127, 6498-6541	34.1	442
576	Early-late heterobimetallics. <i>Coordination Chemistry Reviews</i> , 1989 , 95, 41-107	23.2	392
575	Lewis acid-catalyzed hydrogenation: B(C ₆ F ₅) ₃ -mediated reduction of imines and nitriles with H ₂ . <i>Chemical Communications</i> , 2008 , 1701-3	5.8	368
574	Terminal alkyne activation by frustrated and classical Lewis acid/phosphine pairs. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8396-7	16.4	359

573	Reactivity of "frustrated Lewis pairs": three-component reactions of phosphines, a borane, and olefins. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4968-71	16.4	356
572	Hydrogen and amine activation by a frustrated Lewis pair of a bulky N-heterocyclic carbene and B(C ₆ F ₅) ₃ . <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7433-7	16.4	351
571	Frustrated Lewis pair chemistry of carbon, nitrogen and sulfur oxides. <i>Chemical Science</i> , 2014 , 5, 2625-2641	16.4	310
570	Lutidine/B(C ₆ F ₅) ₃ : at the boundary of classical and frustrated Lewis pair reactivity. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3476-7	16.4	275
569	Metal-free catalytic hydrogenation of polar substrates by frustrated Lewis pairs. <i>Inorganic Chemistry</i> , 2011 , 50, 12338-48	5.1	271
568	Lewis acidity of organofluorophosphonium salts: hydrodefluorination by a saturated acceptor. <i>Science</i> , 2013 , 341, 1374-7	33.3	261
567	"Frustrated Lewis pair" hydrogenations. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 5740-6	3.9	260
566	Complexation of nitrous oxide by frustrated Lewis pairs. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9918-9	16.4	250
565	Tuning Lewis acidity using the reactivity of "frustrated Lewis pairs": facile formation of phosphine-boranes and cationic phosphonium-boranes. <i>Dalton Transactions</i> , 2007 , 3407-14	4.3	250
564	Reversible, metal-free, heterolytic activation of H ₂ at room temperature. <i>Journal of the American Chemical Society</i> , 2009 , 131, 52-3	16.4	217
563	Activation of hydrogen and hydrogenation catalysis by a borenium cation. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15728-31	16.4	214
562	Enabling catalytic ketone hydrogenation by frustrated Lewis pairs. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15809-12	16.4	208
561	Synthesis and reactivity of a CAAC-aminoborylene adduct: a hetero-allene or an organoboron isoelectronic with singlet carbenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13159-63	16.4	207
560	Metal-free catalytic olefin hydrogenation: low-temperature H ₂ activation by frustrated Lewis pairs. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10164-8	16.4	200
559	Phosphorus Lewis acids: emerging reactivity and applications in catalysis. <i>Chemical Society Reviews</i> , 2016 , 45, 765-74	58.5	184
558	Metal-free reductions of N-heterocycles via Lewis acid catalyzed hydrogenation. <i>Chemical Communications</i> , 2010 , 46, 4884-6	5.8	181
557	Stoichiometric reduction of CO ₂ to CO by aluminum-based frustrated Lewis pairs. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8396-9	16.4	179
556	Deprotonation and Addition Reactions of Frustrated Lewis Pairs with Alkynes. <i>Organometallics</i> , 2010 , 29, 6594-6607	3.8	176

555	Reactions of boron amidinates with CO ₂ and CO and other small molecules. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13559-68	16.4	172
554	Activation of H ₂ by phosphinoboranes R ₂ PB(C ₆ F ₅) ₂ . <i>Journal of the American Chemical Society</i> , 2008 , 130, 12632-3	16.4	171
553	The Road to Early-Transition-Metal Phosphinimide Olefin Polymerization Catalysts. <i>Organometallics</i> , 2005 , 24, 2548-2560	3.8	166
552	Phosphinimides as a Steric Equivalent to Cyclopentadienyl: An Approach to Ethylene Polymerization Catalyst Design. <i>Organometallics</i> , 1999 , 18, 1116-1118	3.8	164
551	Combinations of ethers and B(C ₆ F ₅) ₃ function as hydrogenation catalysts. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7492-5	16.4	160
550	The synthesis and exchange chemistry of frustrated Lewis pair nitrous oxide complexes. <i>Chemical Science</i> , 2011 , 2, 170-176	9.4	152
549	Activation of dihydrogen by non-metal systems. <i>Chemical Communications</i> , 2010 , 46, 8526-33	5.8	152
548	Olefin isomerization and hydrosilylation catalysis by Lewis acidic organofluorophosphonium salts. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18308-10	16.4	151
547	FLP catalysis: main group hydrogenations of organic unsaturated substrates. <i>Chemical Society Reviews</i> , 2019 , 48, 3592-3612	58.5	151
546	Phosphinidene Transfer Reactions of the Terminal Phosphinidene Complex Cp ₂ Zr(η ⁵ -PC ₆ H ₂ -2,4,6-t-Bu ₃)(PMe ₃). <i>Journal of the American Chemical Society</i> , 1995 , 117, 11914-11921	16.4	148
545	Formation and reactivity of the early metal phosphides and phosphinidenes Cp [*] 2Zr:PR, Cp [*] 2Zr(PR) ₂ , and Cp [*] 2Zr(PR) ₃ . <i>Organometallics</i> , 1993 , 12, 3158-3167	3.8	148
544	Hydrogenation by Frustrated Lewis Pairs: Main Group Alternatives to Transition Metal Catalysts?. <i>Organic Process Research and Development</i> , 2014 , 18, 385-391	3.9	143
543	B-H activation by frustrated Lewis pairs: borenium or boryl phosphonium cation?. <i>Chemical Communications</i> , 2008 , 4303-5	5.8	141
542	New Directions for Frustrated Lewis Pair Chemistry. <i>Trends in Chemistry</i> , 2019 , 1, 35-48	14.8	139
541	Carbene-9-BBN ring expansions as a route to intramolecular frustrated Lewis pairs for CO ₂ reduction. <i>Chemistry - A European Journal</i> , 2014 , 20, 3036-9	4.8	139
540	Metal-free aromatic hydrogenation: aniline to cyclohexyl-amine derivatives. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4088-91	16.4	138
539	Stoichiometric and catalytic activation of P-H and P-P bonds. <i>Chemical Society Reviews</i> , 2008 , 37, 1482-9	58.5	137
538	C-H bond activation by radical ion pairs derived from R ₃ P/Al(C ₆ F ₅) ₃ frustrated Lewis pairs and N ₂ O. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6446-9	16.4	135

537	CO ₂ and formate complexes of phosphine/borane frustrated Lewis pairs. <i>Chemistry - A European Journal</i> , 2011 , 17, 9640-50	4.8	135
536	Reactions of phosphorus/boron frustrated Lewis pairs with SO ₂ . <i>Chemical Science</i> , 2013 , 4, 213-219	9.4	132
535	Stoichiometric metal-free reduction of CO in syn-gas. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4974-7	16.4	132
534	Lithiations of Bis-diphenyl-N-trimethylsilylphosphiniminoethane: An X-ray Structure of a 1,1-Dilithiomethane Derivative. <i>Journal of the American Chemical Society</i> , 1999 , 121, 2939-2940	16.4	129
533	Remarkably Active Non-Metallocene Ethylene Polymerization Catalysts. <i>Organometallics</i> , 1999 , 18, 2046-2048	3.8	129
532	Phosphorus as a Lewis acid: CO ₂ sequestration with amidophosphoranes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4714-7	16.4	128
531	Frustrated Lewis pair inspired carbon dioxide reduction by a ruthenium tris(aminophosphine) complex. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11343-5	16.4	127
530	Activation of Alkyl C-H Bonds by B(C ₆ F ₅) ₃ : Stoichiometric and Catalytic Transformations. <i>Organometallics</i> , 2012 , 31, 27-30	3.8	126
529	Zirconium-Phosphorus Chemistry: Strategies in Syntheses, Reactivity, Catalysis, and Utility. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 314-329	16.4	125
528	Metal-free transfer hydrogenation of olefins via dehydrocoupling catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10917-21	11.5	119
527	Diketiminato-Nickel(II) Synthons for Nickel(I) Complexes. <i>Organometallics</i> , 2005 , 24, 5901-5908	3.8	117
526	Optical and electronic properties of air-stable organoboron compounds with strongly electron-accepting bis(fluoromesityl)boryl groups. <i>Chemical Science</i> , 2015 , 6, 308-321	9.4	116
525	The highly Lewis acidic dicationic phosphonium salt: [(SiMes) ₂ PFPh ₂][B(C ₆ F ₅) ₃]. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6538-41	16.4	116
524	A family of N-heterocyclic carbene-stabilized borenium ions for metal-free imine hydrogenation catalysis. <i>Chemical Science</i> , 2015 , 6, 2010-2015	9.4	116
523	An Approach to Catalyst Design: Cyclopentadienyl-Titanium Phosphinimide Complexes in Ethylene Polymerization. <i>Organometallics</i> , 2003 , 22, 1937-1947	3.8	116
522	Olefin-borane "van der Waals complexes": intermediates in frustrated Lewis pair addition reactions. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12448-50	16.4	110
521	Frustrated Lewis Pair Behavior of Intermolecular Amine/B(C ₆ F ₅) ₃ Pairs. <i>Organometallics</i> , 2012 , 31, 2367-2378	3.8	109
520	Early transition metal thiolates. <i>Coordination Chemistry Reviews</i> , 1996 , 147, 147-208	23.2	109

519	Metal-free hydrogenation catalysis of polycyclic aromatic hydrocarbons. <i>Chemical Communications</i> , 2012 , 48, 11963-5	5.8	108
518	Frustrated lewis pair mediated hydrogenations. <i>Topics in Current Chemistry</i> , 2013 , 332, 85-110		108
517	From classical adducts to frustrated Lewis pairs: steric effects in the interactions of pyridines and B(C ₆ F ₅) ₃ . <i>Inorganic Chemistry</i> , 2009 , 48, 10466-74	5.1	108
516	Facile Protocol for Catalytic Frustrated Lewis Pair Hydrogenation and Reductive Deoxygenation of Ketones and Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8511-4	16.4	104
515	Cyclizations via frustrated Lewis pairs: Lewis acid induced intramolecular additions of amines to olefins and alkynes. <i>Chemistry - A European Journal</i> , 2010 , 16, 3005-8	4.8	103
514	Synthesis and Reactivity of a CAAC π -aminoborylene Adduct: A Hetero-Allene or an Organoboron Isoelectronic with Singlet Carbenes. <i>Angewandte Chemie</i> , 2014 , 126, 13375-13379	3.6	102
513	Pyridine π and Imidazole π -phosphinimine Bidentate Ligand Complexes: Considerations for Ethylene Oligomerization Catalysts. <i>Organometallics</i> , 2003 , 22, 3841-3854	3.8	102
512	Frustrated Lewis pairs derived from N-heterocyclic carbenes and Lewis acids. <i>Dalton Transactions</i> , 2009 , 7179-88	4.3	101
511	Early transition metal hydride complexes: synthesis and reactivity. <i>Coordination Chemistry Reviews</i> , 2002 , 233-234, 107-129	23.2	101
510	Metal-Free Hydrogenation of N-Based Heterocycles. <i>Organometallics</i> , 2013 , 32, 1971-1978	3.8	100
509	Bis-boranes in the frustrated Lewis pair activation of carbon dioxide. <i>Chemical Communications</i> , 2011 , 47, 1833-5	5.8	100
508	C-H activation of isobutylene using frustrated Lewis Pairs: aluminum and boron π -allyl complexes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4409-12	16.4	99
507	Metal-free diastereoselective catalytic hydrogenations of imines using B(C ₆ F ₅) ₃ . <i>Chemical Communications</i> , 2011 , 47, 5729-31	5.8	99
506	1,4-Addition reactions of frustrated Lewis pairs to 1,3-dienes. <i>Chemical Communications</i> , 2009 , 2335-7	5.8	99
505	New octahedral thiolato complexes of divalent nickel: syntheses, structures, and properties of (Et ₄ N)[Ni(SC ₅ H ₄ N) ₃] and (Ph ₄ P)[Ni(SC ₄ H ₃ N ₂) ₃].CH ₃ CN. <i>Inorganic Chemistry</i> , 1987 , 26, 2792-2797	5.1	99
504	Phosphonium-borate zwitterions, anionic phosphines, and dianionic phosphonium-dialkoxides via tetrahydrofuran ring-opening reactions. <i>Inorganic Chemistry</i> , 2006 , 45, 478-80	5.1	98
503	A Radical Mechanism for Frustrated Lewis Pair Reactivity. <i>CheM</i> , 2017 , 3, 259-267	16.2	97
502	H ₂ activation and hydride transfer to olefins by Al(C ₆ F ₅) ₃ -based frustrated Lewis pairs. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8272-5	16.4	96

501	Alkenylborane-Derived Frustrated Lewis Pairs: Metal-Free Catalytic Hydrogenation Reactions of Electron-Deficient Alkenes. <i>Organometallics</i> , 2012 , 31, 5638-5649	3.8	95
500	Metal ion exchange reactions in cage molecules: the systems $[M_4-nM'n(SC_6H_5)_{10}]_2^-$ (M, M' = Fe(II), Co(II), Zn(II), Cd(II)) with adamantane-like stereochemistry and the structure of $[Fe_4(SC_6H_5)_{10}]_2^-$. <i>Inorganic Chemistry</i> , 1982 , 21, 3928-3936	5.1	95
499	Metal-Free Transfer Hydrogenation Catalysis by $B(C_6F_5)_3$. <i>Organometallics</i> , 2011 , 30, 4497-4500	3.8	94
498	Catalytic P-H activation by Ti and Zr catalysts. <i>Chemistry - A European Journal</i> , 2006 , 12, 8696-707	4.8	92
497	Intramolecular B/N frustrated Lewis pairs and the hydrogenation of carbon dioxide. <i>Chemical Communications</i> , 2015 , 51, 9797-800	5.8	90
496	Frustrated Lewis pair catalyzed hydroamination of terminal alkynes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12418-21	16.4	90
495	Use of Trifluoromethyl Groups for Catalytic Benzylation and Alkylation with Subsequent Hydrodefluorination. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1417-21	16.4	89
494	Phosphine catalyzed reduction of CO ₂ with boranes. <i>Chemical Communications</i> , 2014 , 50, 7007-10	5.8	89
493	Early metal thiolato species as metalloligands in the formation of early/late heterobimetallic complexes: syntheses and molecular structures of $Cp_2Ti(SMe)_2$, $Cp_2V(SMe)_2$, $(Cp_2Ti(\mu-SMe)_2)_2Ni$ and $(Ni(\mu-SMe)_2)_6$. <i>Organometallics</i> , 1989 , 8, 2836-2843	3.8	89
492	Catalytic reduction of CO ₂ to CO by using zinc(II) and in situ generated carbodiphosphoranes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2516-9	16.4	87
491	Generation and reactivity of the first mononuclear early metal phosphinidene complex, $Cp^*Zr:P(C_6H_2Me_3-2,4,6)$. <i>Journal of the American Chemical Society</i> , 1992 , 114, 10088-10089	16.4	87
490	Metal-free Catalytic Olefin Hydrogenation: Low-Temperature H ₂ Activation by Frustrated Lewis Pairs. <i>Angewandte Chemie</i> , 2012 , 124, 10311-10315	3.6	85
489	Stoichiometric Reduction of CO ₂ to CO by Aluminum-Based Frustrated Lewis Pairs. <i>Angewandte Chemie</i> , 2011 , 123, 8546-8549	3.6	85
488	Main Group Lewis Acids in Frustrated Lewis Pair Chemistry: Beyond Electrophilic Boranes. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 1003-1016	5.1	83
487	Stoichiometric CO ₂ reductions using a bis-borane-based frustrated Lewis pair. <i>Chemical Communications</i> , 2012 , 48, 7253-5	5.8	82
486	A Ru- η^6 -arene complex as a C-based Lewis acid in the activation of hydrogen and hydrogenation catalysis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8508-11	16.4	82
485	Frustrated Lewis Pairs and Ring-Opening of THF, Dioxane, and Thioxane. <i>Organometallics</i> , 2010 , 29, 5310-5319	3.8	82
484	Catalytic Ketone Hydrodeoxygenation Mediated by Highly Electrophilic Phosphonium Cations. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8250-4	16.4	81

483	Electrophilic Fluorophosphonium Cations in Frustrated Lewis Pair Hydrogen Activation and Catalytic Hydrogenation of Olefins. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10178-82	16.4	81
482	Reactions of phosphines with electron deficient boranes. <i>Dalton Transactions</i> , 2009 , 1559-70	4.3	81
481	Dihydrogen Activation by B(p-C6F4H)3 and Phosphines. <i>Organometallics</i> , 2010 , 29, 3647-3654	3.8	80
480	Addition of Enamines or Pyrroles and B(C6F5)3 Frustrated Lewis Pairs to Alkynes. <i>Organometallics</i> , 2010 , 29, 6422-6432	3.8	79
479	Cyclic bent allene hydrido-carbonyl complexes of ruthenium: highly active catalysts for hydrogenation of olefins. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5582-9	16.4	77
478	Preparation, reactivity, hydroformylation catalysis, and structural studies of the early transition metal/late transition metal heterobimetallic complexes Cp2M(.mu.-PR2)2M'H(CO)PPh3 (M = Zr, Hf; M' = Rh, Ir). <i>Organometallics</i> , 1988 , 7, 849-855	3.8	77
477	The global electrophilicity index as a metric for Lewis acidity. <i>Dalton Transactions</i> , 2018 , 47, 7029-7035	4.3	76
476	CO2 reduction via aluminum complexes of ammonia boranes. <i>Dalton Transactions</i> , 2013 , 42, 5447-53	4.3	75
475	Neutral and Cationic Group 13 Phosphinimine and Phosphinimide Complexes. <i>Organometallics</i> , 1999 , 18, 4197-4204	3.8	75
474	Heterolytic cleavage of disulfides by frustrated Lewis pairs. <i>Inorganic Chemistry</i> , 2009 , 48, 9910-7	5.1	74
473	Toward copper(II) hemocyanin models. 2. Synthesis and characterization of binuclear copper(II) complexes of a heptadentate ligand. <i>Inorganic Chemistry</i> , 1987 , 26, 749-754	5.1	74
472	Activation of H2 by frustrated Lewis pairs derived from mono- and bis-phosphiniferrocenes and B(C6F5)3. <i>Chemical Communications</i> , 2009 , 1118-20	5.8	73
471	Catalytic Oligomerization of Primary Phosphines by the Anionic Zirconocene Trihydride: [Cp*2ZrH3]-. <i>Journal of the American Chemical Society</i> , 1995 , 117, 12645-12646	16.4	73
470	Stoichiometric Reduction of CO2 to CO by Phosphine/AlX3-Based Frustrated Lewis Pairs. <i>Organometallics</i> , 2013 , 32, 4416-4422	3.8	72
469	Divergent pathways of C-H bond activation: reactions of (t-Bu(3)PN)(2)TiMe(2) with trimethylaluminum. <i>Journal of the American Chemical Society</i> , 2002 , 124, 11486-94	16.4	72
468	C-C Coupling of Benzyl Fluorides Catalyzed by an Electrophilic Phosphonium Cation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8448-51	16.4	71
467	H2 cleavage, hydride formation, and catalytic hydrogenation of imines with zinc complexes of C5Me5 and N-heterocyclic carbenes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9831-5	16.4	70
466	1,1-Hydroboration and a Borane Adduct of Diphenyldiazomethane: A Potential Prelude to FLP-N Chemistry. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16588-16592	16.4	70

465	Zirconium Phosphinimide Complexes: Synthesis, Structure, and Deactivation Pathways in Ethylene Polymerization Catalysis. <i>Organometallics</i> , 2001 , 20, 4424-4433	3.8	70
464	Heterolytic activation of H ₂ using a mechanically interlocked molecule as a frustrated Lewis base. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 960-3	16.4	69
463	Synthesis and reactivity of the phosphinoboranes R ₂ PB(C ₆ F ₅) ₂ . <i>Inorganic Chemistry</i> , 2011 , 50, 336-44	5.1	69
462	Probing substituent effects on the activation of H ₂ by phosphorus and boron frustrated Lewis pairs. <i>Dalton Transactions</i> , 2010 , 39, 4285-94	4.3	69
461	Pyridine and phosphine reactions with [CPh ₃][B(C ₆ F ₅) ₄]. <i>Inorganica Chimica Acta</i> , 2006 , 359, 3066-3071	2.7	68
460	Ancillary aryloxy ligands in ethylene polymerization catalyst precursors. <i>Journal of Organometallic Chemistry</i> , 1999 , 591, 185-193	2.3	66
459	Hydrogen activation by an aromatic triphosphabenzene. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13453-7	16.4	64
458	On the concept of frustrated Lewis pairs. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017 , 375,	3	64
457	Combinations of Ethers and B(C ₆ F ₅) ₃ Function as Hydrogenation Catalysts. <i>Angewandte Chemie</i> , 2013 , 125, 7640-7643	3.6	64
456	Hydrosilylation of ketones, imines and nitriles catalysed by electrophilic phosphonium cations: functional group selectivity and mechanistic considerations. <i>Chemistry - A European Journal</i> , 2015 , 21, 6491-500	4.8	63
455	1,2-Diphosphonium dication: a strong P-based Lewis acid in frustrated Lewis pair (FLP)-activations of B-H, Si-H, C-H, and H-H bonds. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7298-301	16.4	63
454	Reductions of η^2 -diketiminato-titanium(III) Complexes. <i>Organometallics</i> , 2006 , 25, 2649-2655	3.8	63
453	Synthesis, Structure, and Reactivity of the Phosphinimide Complexes (t-Bu ₃ PN) _n MX _{4-n} (M = Ti, Zr). <i>Organometallics</i> , 2000 , 19, 2994-3000	3.8	62
452	Lewis acid catalysis: catalytic hydroboration of alkynes initiated by Piers' borane. <i>Chemical Communications</i> , 2016 , 52, 10830-3	5.8	61
451	Activation of CO ₂ by phosphinoamide hafnium complexes. <i>Chemical Communications</i> , 2013 , 49, 2610-2	5.8	61
450	Synthesis and crystal and molecular structure of [(C ₅ H ₅) ₂ Ti(SCH ₂ CH ₂ P(C ₆ H ₅) ₂) ₂ Cu]BF ₄ : a heterobimetallic species with a copper to titanium dative bond. <i>Inorganic Chemistry</i> , 1985 , 24, 1499-1503 ^{5.1}	5.1	61
449	Metal-Free Phosphine Oxide Reductions Catalyzed by B(C ₆ F ₅) ₃ and Electrophilic Fluorophosphonium Cations. <i>Organometallics</i> , 2016 , 35, 1030-1035	3.8	61
448	Cyclisation versus 1,1-Carboboration: Reactions of B(C ₆ F ₅) ₃ with Propargyl Amides. <i>Chemistry - A European Journal</i> , 2013 , 19, 11928-38	4.8	60

- 447 Radicals derived from Lewis acid/base pairs. *Chemical Society Reviews*, **2019**, 48, 3454-3463 58.5 59
- 446 Bridging binding modes of phosphine-stabilized nitrous oxide to Zn(C₆F₅)₂. *Angewandte Chemie - International Edition*, **2009**, 48, 9709-12 16.4 59
- 445 Cyclopropanation/Carboboration Reactions of Enynes with B(C₆F₅)₃. *Journal of the American Chemical Society*, **2015**, 137, 15469-77 16.4 58
- 444 Chiral carbene-borane adducts: precursors for borenium catalysts for asymmetric FLP hydrogenations. *Dalton Transactions*, **2016**, 45, 15303-15316 4.3 57
- 443 Activation of alkynes with B(C₆F₅)₃-boron allylation reagents derived from propargyl esters. *Journal of the American Chemical Society*, **2014**, 136, 777-82 16.4 57
- 442 Phosphorus-hydrogen and cyclopentadienyl carbon-hydrogen activation en route to homo- and heterobinuclear zirconocene phosphide and phosphinidene complexes. *Organometallics*, **1993**, 12, 3145-3157 3.8 57
- 441 Catalytic Synthesis of the P₁₆ Macrocycle (C₆H₄P₂)₈. *Journal of the American Chemical Society*, **1997**, 119, 2954-2955 16.4 56
- 440 P-H and P-P bond activation by Ni(I) and Fe(I) beta-diketiminato-complexes. *Dalton Transactions*, **2006**, 1141-6 4.3 56
- 439 Copper(I) and copper(II) complexes of biologically relevant tridentate ligands. *Inorganica Chimica Acta*, **1984**, 93, 173-178 2.7 56
- 438 Multiple C-H Bond Activation: Reactions of Titanium Phosphinimide Complexes with Trimethylaluminum. *Organometallics*, **2001**, 20, 1175-1182 3.8 54
- 437 Synthesis, Structure, and Bonding in Zirconocene Primary Phosphido (PHR-), Phosphinidene (PR₂-), and Phosphide (P₃-) Derivatives. *Organometallics*, **1994**, 13, 1918-1926 3.8 54
- 436 Electrophilic bis-fluorophosphonium dications: Lewis acid catalysts from diphosphines. *Chemical Science*, **2015**, 6, 2016-2021 9.4 53
- 435 Frustrated Lewis pair olefin addition reactions: P-, N-, C- and H-based nucleophilic additions to an olefin-tethered borane. *Chemical Science*, **2012**, 3, 2123 9.4 53
- 434 New strategies to phosphino-phosphonium cations and zwitterions. *Chemistry - A European Journal*, **2010**, 16, 988-93 4.8 53
- 433 Thermal rearrangement of phosphine-B(C₆F₅)₃ adducts. *Inorganic Chemistry*, **2008**, 47, 1904-6 5.1 53
- 432 Formation of C-C and C-N bonds in Ni(II) ketimide complexes via transient Ni(III) aryl imides. *Angewandte Chemie - International Edition*, **2007**, 46, 1856-9 16.4 53
- 431 A Tale of Two Elements: The Lewis Acidity/Basicity Umpolung of Boron and Phosphorus. *Angewandte Chemie - International Edition*, **2017**, 56, 5984-5992 16.4 52
- 430 Synthesis of a Carbodicyclopopenylidene: A Carbodicarbene based Solely on Carbon. *Angewandte Chemie - International Edition*, **2016**, 55, 5536-40 16.4 52

429	Single Electron Delivery to Lewis Pairs: An Avenue to Anions by Small Molecule Activation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10062-10071	16.4	52
428	Ring-opening of cyclopropanes by "frustrated Lewis pairs". <i>Chemical Communications</i> , 2010 , 46, 8947-9	5.8	52
427	Synthesis, electrochemistry, reactivity, and structural studies of the early/late transition metal heterobimetallic complex [Cp ₂ Ti(SCH ₂ CH ₂ PPh ₂) ₂ Ni]. <i>Organometallics</i> , 1988 , 7, 903-910	3.8	52
426	Phosphorus as a Lewis Acid: CO ₂ Sequestration with Amidophosphoranes. <i>Angewandte Chemie</i> , 2012 , 124, 4792-4795	3.6	51
425	Asymmetric hydrosilylation of ketones, catalyzed by rhodium complexes containing chiral chelate ligands. Crystal and molecular structure of (bicyclo[2.2.1]hepta-2,5-diene)[(S)-N,N-dimethyl-1-[o-(diphenylarsino)phenyl]ethylamine]rhodium(I) perchlorate. <i>Inorganic Chemistry</i> , 1982 , 21, 182-188	5.1	51
424	Electrophilic phosphonium cations catalyze hydroarylation and hydrothiolation of olefins. <i>Chemical Communications</i> , 2015 , 51, 11301-4	5.8	50
423	Stable Borocyclic Radicals via Frustrated Lewis Pair Hydrogenations. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2500-3	16.4	50
422	Anionic Phosphinimine-Chelate Complexes of Rhodium and Iridium: Steric and Electronic Influences on Oxidative Addition of CH ₂ Cl ₂ . <i>Organometallics</i> , 2004 , 23, 381-390	3.8	50
421	Borohydrides from organic hydrides: reactions of Hantzsch's esters with B(C(6)F(5))(3). <i>Chemistry - A European Journal</i> , 2010 , 16, 4895-902	4.8	49
420	Accessing Frustrated Lewis Pair Chemistry from a Spectroscopically Stable and Classical Lewis Acid-Base Adduct. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5881-5884	16.4	48
419	The Thioether-Methyleneborane (PhSCH ₂ B(C ₆ F ₅) ₂) ₂ : Synthesis and Reactivity with Donors and Alkynes. <i>Organometallics</i> , 2011 , 30, 3652-3657	3.8	48
418	Microfluidic studies of CO ₂ sequestration by frustrated Lewis pairs. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3875-80	16.4	47
417	Activation of Carbon Dioxide by Silyl Triflate-Based Frustrated Lewis Pairs. <i>Chemistry - A European Journal</i> , 2015 , 21, 13027-34	4.8	46
416	C-H Activation of Isobutylene Using Frustrated Lewis Pairs: Aluminum and Boron π -Allyl Complexes. <i>Angewandte Chemie</i> , 2012 , 124, 4485-4488	3.6	46
415	The Anionic Zirconocene Trihydride: [Cp* ₂ ZrH ₃] ⁻ . <i>Journal of the American Chemical Society</i> , 1997 , 119, 11420-11424	16.4	46
414	Metallacycle Transfer Routes to Main-Group Phosphacycles. <i>Organometallics</i> , 1997 , 16, 365-369	3.8	46
413	The extended borinium cation: [(tBu(3)PN)(2)B] ⁽⁺⁾ . <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 498-501	16.4	46
412	Structural Isomers of the Chromium Bis(phosphoranimine)methanide Complex [(HC(PPh ₂ NSiMe ₃) ₂) ₂ Cr(ECl)] ₂ . <i>Organometallics</i> , 2002 , 21, 1308-1310	3.8	46

411	Sterically Induced P-C Bond Cleavage: Routes to Substituent-Free Phosphorus Complexes of Zirconium. <i>Organometallics</i> , 1995 , 14, 4247-4256	3.8	46
410	Synthesis, characterization, and structural studies of thiolato-bridged titanium(IV)-copper(I) species: heterobimetallic complexes containing d10-f-d10 dative bonds. <i>Inorganic Chemistry</i> , 1987 , 26, 363-369	5.1	46
409	Magnesium Complexes of Bis(phosphinimine)methane and -methanide Ligands. <i>Organometallics</i> , 2003 , 22, 601-604	3.8	45
408	Frustrated Lewis pair activation of an N-sulfinylamine: a source of sulfur monoxide. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 809-12	16.4	44
407	Bulky derivatives of boranes, boronic acids and boronate esters via reaction with diazomethanes. <i>Dalton Transactions</i> , 2013 , 42, 726-36	4.3	44
406	The Lewis acidity of fluorophosphonium salts: access to mixed valent phosphorus(III)/(V) species. <i>Dalton Transactions</i> , 2013 , 42, 2629-35	4.3	44
405	Stoichiometric and catalytic inter- and intramolecular hydroamination of terminal alkynes by frustrated Lewis pairs. <i>Chemistry - A European Journal</i> , 2015 , 21, 11134-42	4.8	44
404	Neutral and Cationic Group 13 Alkyl and Hydride Complexes of a Phosphinimine-Amide Ligand. <i>Organometallics</i> , 2004 , 23, 1819-1824	3.8	44
403	Synthesis and structural studies of titanium-rhodium heterobimetallic complexes. Characterization and electrochemistry of the redox partners [Cp2Ti(SCH2CH2CH2PPh2)2Rh]BF4 and [Cp2Ti(SCH2CH2CH2PPh2)2Rh]0. <i>Organometallics</i> , 1987 , 6, 2169-2175	3.8	44
402	Synthetic analog approach to metallopeleomycins. 4. New halobridged dimeric and polymeric (infinite zigzag chain) complexes of copper(II) with peptide ligands related to bleomycins. <i>Inorganic Chemistry</i> , 1988 , 27, 1581-1587	5.1	44
401	Metal-free reduction of CO2. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017 , 3, 28-32	7.9	43
400	The air-stable carbocation salt [(MeOC6H4)CPh2][BF4] in Lewis acid catalyzed hydrothiolation of alkenes. <i>Chemical Communications</i> , 2016 , 52, 8291-3	5.8	43
399	Reduction of Titanium(IV)-Phosphinimide Complexes: Routes to Ti(III) Dimers, Ti(IV)-Metallacycles, and Ti(II) Species. <i>Organometallics</i> , 2004 , 23, 3309-3318	3.8	43
398	Syntheses and reactions of the bis-boryloxide O(Bpin)2 (pin = O2C2Me4). <i>Dalton Transactions</i> , 2005 , 2182-3	4.3	43
397	Improving the Global Electrophilicity Index (GEI) as a Measure of Lewis Acidity. <i>Inorganic Chemistry</i> , 2018 , 57, 14764-14771	5.1	43
396	Catalytic reduction of amides to amines by electrophilic phosphonium cations via FLP hydrosilylation. <i>Chemical Communications</i> , 2016 , 52, 12195-12198	5.8	42
395	Imine hydrogenation by alkylaluminum catalysts. <i>Chemical Communications</i> , 2014 , 50, 301-3	5.8	42
394	H2 Activation and Hydride Transfer to Olefins by Al(C6F5)3-Based Frustrated Lewis Pairs. <i>Angewandte Chemie</i> , 2012 , 124, 8397-8400	3.6	42

393	Nickel and palladium phosphinimine-imine ligand complexes. <i>Dalton Transactions</i> , 2003 , 3500	4.3	42
392	Zirconium-Phosphor-Chemie: Synthesestrategien, Reaktivität, Katalyse und Nutzen. <i>Angewandte Chemie</i> , 2000 , 112, 322-338	3.6	42
391	Synthesis and Structure of the Dicationic Bisborate Adduct. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 1298-1300	16.4	42
390	Bimetallic macrocyclic zirconocene dialkoxides: synthesis, structure, bonding, and molecular modeling considerations. <i>Organometallics</i> , 1990 , 9, 2718-2723	3.8	42
389	Alkali Metal Species in the Reversible Activation of H. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11050-11054	16.4	41
388	The Highly Lewis Acidic Dicationic Phosphonium Salt: [(SIMes)PPh ₂][B(C ₆ F ₅) ₄] ₂ . <i>Angewandte Chemie</i> , 2014 , 126, 6656-6659	3.6	40
387	Planar N-heterocyclic carbene diarylborenium ions: synthesis by cationic borylation and reactivity with Lewis bases. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5214-7	16.4	40
386	Phosphinimide Ligands: New Bulky Ligands for Ethylene Polymerization Catalysts. <i>Organometallics</i> , 2001 , 20, 2303-2308	3.8	40
385	Titanium/magnesium complexes: intermediates in the reduction of titanocene dichloride by magnesium. <i>Organometallics</i> , 1992 , 11, 996-999	3.8	40
384	Substitution or nucleophilic attack by phosphines on tetrachlorobis(tetrahydrofuran)zirconium. <i>Inorganic Chemistry</i> , 1992 , 31, 4019-4022	5.1	40
383	Characterization of a crystalline synthetic analog of copper(II)-bleomycin. <i>Journal of the American Chemical Society</i> , 1988 , 110, 1996-1997	16.4	40
382	Stoichiometric reductions of alkyl-substituted ketones and aldehydes to borinic esters. <i>Dalton Transactions</i> , 2014 , 43, 15723-6	4.3	39
381	C-F Bond Activation by Silylium Cation/Phosphine Frustrated Lewis Pairs: Mono-Hydrodefluorination of PhCF ₃ , PhCF ₂ H and PhCF ₂ Cl. <i>Chemistry - A European Journal</i> , 2017 , 23, 17692-17696	4.8	39
380	Exchange chemistry of tBu ₃ P(CO ₂)B(C ₆ F ₅) ₂ Cl. <i>Dalton Transactions</i> , 2012 , 41, 9016-8	4.3	39
379	Catalytic Reduction of CO ₂ to CO by Using Zinc(II) and In Situ Generated Carbodiphosphanes. <i>Angewandte Chemie</i> , 2013 , 125, 2576-2579	3.6	39
378	[Cp ₂ Zr(μ ₂ -PPh) ₂][((THF) ₃ Li) ₂ (μ ₂ -N ₂)]: a remarkable salt of a zirconocene phosphinidene dianion and lithium dication containing side-bound dinitrogen. <i>Journal of the American Chemical Society</i> , 1993 , 115, 3792-3793	16.4	39
377	Synthesis and Lewis acidity of fluorophosphonium cations. <i>Dalton Transactions</i> , 2015 , 44, 12256-64	4.3	38
376	Catalytic Hydrodefluorination of C-F Bonds by an Air-Stable P Lewis Acid. <i>Chemistry - A European Journal</i> , 2018 , 24, 6543-6546	4.8	38

- 375 Zincocene and dizincocene N-heterocyclic carbene complexes and catalytic hydrogenation of imines and ketones. *Chemistry - A European Journal*, **2014**, 20, 8370-8 4.8 38
- 374 Phosphinimine-borane combinations in frustrated Lewis pair chemistry. *Dalton Transactions*, **2013**, 42, 630-7 4.3 38
- 373 Redox-active macrocycles as metalloligands: synthesis, electrochemistry, and structure of silver(I) and copper(I) complexes of Cp₂Ti(μ-S(CH₂)_nS)2TiCp₂ (n = 2, 3). *Organometallics*, **1992**, 11, 116-122 3.8 38
- 372 Synthesis, characterization, and chemistry of titanium(IV), titanium(III), zirconium(IV), and hafnium(IV) complexes of phosphine sulfides and selenides. The crystal and molecular structures of Cp₂Ti(SPCy₂)₂, Cp₂Ti(S₂PCy₂), and Cp₂Ti(Se₂PPh₂). *Organometallics*, **1987**, 6, 1515-1522 3.8 38
- 371 Catalysis, FLPs, and Beyond. *CheM*, **2020**, 6, 1520-1526 16.2 37
- 370 Boron and aluminum complexes of sterically demanding phosphinimines and phosphinimides. *Inorganic Chemistry*, **2007**, 46, 3623-31 5.1 37
- 369 Use of Computational and Synthetic Chemistry in Catalyst Design: A New Family of High-Activity Ethylene Polymerization Catalysts Based on Titanium Tris(amino)phosphinimide Complexes. *Organometallics*, **2004**, 23, 5240-5251 3.8 37
- 368 Iridium complexes of (diphenylphosphino)ethanethiol. Crystal and molecular structure [IrH(SCH₂CH₂PPh₂)(HSCH₂CH₂PPh₂)(CO)]⁺Cl⁻: a new and novel example of thiol coordination. *Inorganic Chemistry*, **1984**, 23, 2207-2210 5.1 37
- 367 Synthetic analog approach to metallobleomycins. 1. Syntheses, structures and properties of the copper complexes of two peptides related to bleomycins. *Inorganic Chemistry*, **1986**, 25, 3377-3384 5.1 37
- 366 Nitrogen-Based Lewis Acids: Synthesis and Reactivity of a Cyclic (Alkyl)(Amino)Nitrenium Cation. *Angewandte Chemie - International Edition*, **2018**, 57, 3322-3326 16.4 36
- 365 A Transient Vinylphosphinidene via a Phosphirene-Phosphinidene Rearrangement. *Journal of the American Chemical Society*, **2018**, 140, 147-150 16.4 36
- 364 1,2,3-Triazolylidene ruthenium(II)(η⁶-arene) complexes: synthesis, metallation and reactivity. *Dalton Transactions*, **2014**, 43, 12842-50 4.3 36
- 363 Reactivity of Organogold Compounds with B(C₆F₅)₃: Gold-Boron Transmetalation via EB/EAu Species. *Organometallics*, **2014**, 33, 4461-4470 3.8 36
- 362 Substituent-Free P1, P2, and P3 Complexes of Zirconium. *Journal of the American Chemical Society*, **1994**, 116, 6033-6034 16.4 36
- 361 Iron Phosphinimide and Phosphinimine Complexes: Catalyst Precursors for Ethylene Polymerization. *Organometallics*, **2002**, 21, 1362-1366 3.8 35
- 360 Heterobimetallic Derivatives of Cyclopentadienyltitanium Bis(dithiolate) Anions: [CpTi(S(CH₂)_nS)₂M]_x and CpTi(S(CH₂)_nS)₂ML (M = Cu, Rh; n = 2, 3). *Inorganic Chemistry*, **1994**, 33, 1532-1538 5.1 35
- 359 Diverging Pathways in the Activation of Allenes with Lewis Acids and Bases: Addition, 1,2-Carboboration, and Cyclization. *Organometallics*, **2015**, 34, 4127-4137 3.8 34
- 358 Synthesis and reactivity of alkynyl-linked phosphonium borates. *Chemistry - A European Journal*, **2011**, 17, 6731-43 4.8 34

- 357 Rh-catalyzed P-P bond activation. *Chemical Communications*, **2008**, 99-101 5.8 34
- 356 Macrocyclic titanium thiolate metalloligands: complexation and thiolate-transfer reactions with copper(I), nickel(II), palladium(II). *Inorganic Chemistry*, **1993**, 32, 3022-3028 5.1 34
- 355 Homolytic cleavage of peroxide bonds via a single electron transfer of a frustrated Lewis pair. *Chemical Communications*, **2018**, 54, 7431-7434 5.8 34
- 354 Silyl-migrations in frustrated Lewis pair chemistry: reactions of ((CH₃)₃Si)₃P and B(C₆F₄H)₃ with H₂ and CO₂. *Chemical Communications*, **2012**, 48, 11304-6 5.8 33
- 353 C \equiv H and C \equiv B Bond Cleavage in Cyclopentadienyltitanium Phenoxide Thiolate Complexes. *Organometallics*, **1997**, 16, 2183-2188 3.8 33
- 352 Titanium-Thiolate-Aluminum-Carbide Complexes by Multiple C-H Bond Activation. *Angewandte Chemie - International Edition*, **1999**, 38, 3698-3701 16.4 33
- 351 Synthesis and Reactivity of Phosphametallacyclobutenes: Sterically Induced [4 + 2] Retrocycloadditions. *Journal of the American Chemical Society*, **1996**, 118, 4204-4205 16.4 33
- 350 Synthesis of Urea Derivatives from CO and Silylamines. *Angewandte Chemie - International Edition*, **2019**, 58, 5707-5711 16.4 33
- 349 Oxidative addition at a carbene center: synthesis of an iminoboryl-CAAC adduct. *Chemistry - A European Journal*, **2015**, 21, 199-204 4.8 32
- 348 Pyridinium-phosphonium dications: highly electrophilic phosphorus-based Lewis acid catalysts. *Dalton Transactions*, **2016**, 45, 5949-57 4.3 32
- 347 Frustrated Lewis pair-mediated C-O or C-H bond activation of ethers. *Chemical Communications*, **2014**, 50, 10038-40 5.8 32
- 346 A Cis-Bis-Mixed-Carbene Ruthenium Hydride Complex: An Olefin-Selective Hydrogenation Catalyst. *Organometallics*, **2012**, 31, 802-805 3.8 32
- 345 Synthesis, structure, and reactivity of Lewis acidic cyclopentadienyltitanium dithiolate complexes. *Inorganic Chemistry*, **1993**, 32, 347-356 5.1 32
- 344 Synthesis of zirconocene phosphinidenes and phosphides via phosphorus-hydrogen activation. *Organometallics*, **1991**, 10, 3001-3003 3.8 32
- 343 Synthetic analog approach to metallobleomycins. 2. Synthesis, structure, and properties of the low-spin iron(III) complex of N-(2-(4-imidazolyl)ethyl)pyridine-2-carboxamide. *Inorganic Chemistry*, **1987**, 26, 754-759 5.1 32
- 342 Use of Trifluoromethyl Groups for Catalytic Benzylolation and Alkylation with Subsequent Hydrodefluorination. *Angewandte Chemie*, **2016**, 128, 1439-1443 3.6 31
- 341 1,1-Hydroboration and a Borane Adduct of Diphenyldiazomethane: A Potential Prelude to FLP-N₂ Chemistry. *Angewandte Chemie*, **2017**, 129, 16815-16819 3.6 31
- 340 Contrasting the Reactivity of Ethylene and Propylene with P/Al and P/B Frustrated Lewis Pairs. *Organometallics*, **2013**, 32, 6759-6763 3.8 31

- 339 Three-Coordinate, Cyclic Bent Allene Iron Complexes. *Organometallics*, **2013**, 32, 2693-2697 3.8 31
- 338 Frustrated Lewis Pair Catalyzed Hydroamination of Terminal Alkynes. *Angewandte Chemie*, **2013**, 125, 12644-12647 3.6 31
- 337 Synthesis and exchange reactions of Ni-dimine-COD, acetylene and olefin complexes. *Dalton Transactions*, **2010**, 39, 5786-94 4.3 31
- 336 Reactions of Boron-Derived Radicals with Nucleophiles. *Journal of the American Chemical Society*, **2017**, 139, 426-435 16.4 30
- 335 The Arene-Stabilized η -Pentamethylcyclopentadienyl Arsenic Dication [$(\eta$ -Cp*)As(toluene)]. *Angewandte Chemie - International Edition*, **2019**, 58, 5407-5412 16.4 30
- 334 B(C6F5)3-promoted cyclisation of internal propargyl esters: structural characterisation of 1,3-dioxolium compounds. *Chemical Communications*, **2014**, 50, 7243-5 5.8 30
- 333 Stoichiometric Reactions of CO and Indium-Silylamides and Catalytic Synthesis of Ureas. *Angewandte Chemie - International Edition*, **2017**, 56, 14277-14281 16.4 30
- 332 Activation of P5R5 (R = Ph, Et) by a Rh-beta-diketiminato complex. *Chemical Communications*, **2008**, 2779-81 5.8 30
- 331 The Effects of Activators on Zirconium Phosphinimide Ethylene Polymerization Catalysts. *Organometallics*, **2004**, 23, 1562-1569 3.8 30
- 330 The Main Group Macrocycle. *Angewandte Chemie - International Edition*, **2001**, 40, 1865-1867 16.4 30
- 329 η - and η -Indenyl and Cyclopentadienyl Tri-tert-Butylphosphoraneiminatotitanium Complexes. *Organometallics*, **2001**, 20, 3466-3471 3.8 30
- 328 Sulfur-hydrogen and sulfur-sulfur oxidative addition to low-valent vanadium: synthesis and structure of monocyclopentadienyl- and dicyclopentadienylvanadium dithiolate derivatives. *Inorganic Chemistry*, **1992**, 31, 4218-4223 5.1 30
- 327 Air- and water-stable Lewis acids: synthesis and reactivity of P-trifluoromethyl electrophilic phosphonium cations. *Chemical Communications*, **2018**, 54, 662-665 5.8 29
- 326 Ring openings of lactone and ring contractions of lactide by frustrated Lewis pairs. *Dalton Transactions*, **2011**, 40, 6771-7 4.3 29
- 325 Lewis acid mediated P-P bond hydrogenation and hydrosilylation. *Chemical Communications*, **2010**, 46, 1026-8 5.8 29
- 324 Niobium and Tantalum Diphosphanato Complexes: Synthesis, Structure, and NMR Studies of Cp2MH[(PR)2] (R = Ph, Cy, H). *Organometallics*, **1997**, 16, 3504-3510 3.8 29
- 323 Reactivity Studies of Methylzirconocene Phosphide Complexes. *Organometallics*, **1996**, 15, 4509-4514 3.8 29
- 322 Early Metal Mediated P-P Bond Formation in Cp2M((PR)2) and Cp2M((PR)3) Complexes. *Inorganic Chemistry*, **1994**, 33, 865-870 5.1 29

321	Syntheses, structures, and spectral properties of a synthetic analog of copper(II)-bleomycin and an intermediate in the process of its formation. <i>Inorganic Chemistry</i> , 1989 , 28, 468-477	5.1	29
320	Early-metal macrocycles as metalloligands: synthesis and structure of dimeric zirconocene dithiolates $Cp_2Zr(\mu-S(CH_2)_nS)_2ZrCp_2$ ($n = 2, 3$) and their silver complexes $[(Cp_2Zr(\mu-S(CH_2)_nS)_2ZrCp_2)Ag]BPh_4$ ($n = 2, 3$). <i>Organometallics</i> , 1991 , 10, 2037-2045	3.8	29
319	A ^{31}P nuclear magnetic resonance and fluorescence study of the interaction of an anti-arthritis gold phosphine drug with albumin. A bioinorganic approach. <i>Inorganica Chimica Acta</i> , 1984 , 91, 263-267	2.7	29
318	Ancillary Metal Centers in Frustrated Lewis Pair Chemistry: Ruthenium Acetylide as a Lewis Base in the Activation of CO_2 , Aldehyde, and Alkyne. <i>Organometallics</i> , 2014 , 33, 387-393	3.8	28
317	Improving the Industrial Feasibility of Metal-Free Hydrogenation Catalysts Using Chemical Scavengers. <i>Organic Process Research and Development</i> , 2013 , 17, 1287-1292	3.9	28
316	Steric effects in metathesis and reduction reactions of phosphinimines with catechol- and pinacolboranes. <i>Inorganic Chemistry</i> , 2005 , 44, 4301-8	5.1	28
315	Ti and Zr bidentate bis-phosphinimide complexes. <i>Dalton Transactions</i> , 2003 , 3968	4.3	28
314	Thermal Reactions of Titanium Thiolates: σ -Terminal Titanium Sulfides in C-S Bond Cleavage Reactions. <i>Organometallics</i> , 1998 , 17, 3716-3722	3.8	28
313	Early/late heterobimetallic complexes: syntheses and spectral and structural studies of thiolato-bridged titanium/copper and vanadium/copper complexes. <i>Inorganic Chemistry</i> , 1990 , 29, 1731-1736	5.1	28
312	Preparation and ^{31}P NMR studies of platinum complexes of some chiral, bidentate phosphines. <i>Journal of Organometallic Chemistry</i> , 1981 , 221, 203-221	2.3	28
311	Facile Cleavage of the P=P Double Bond in Vinyl-Substituted Diphosphenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 273-277	16.4	28
310	Quantifying the efficiency of CO capture by Lewis pairs. <i>Chemical Science</i> , 2017 , 8, 3270-3275	9.4	27
309	Carbonyl and olefin hydrosilylation mediated by an air-stable phosphorus(III) dication under mild conditions. <i>Chemical Communications</i> , 2019 , 55, 5599-5602	5.8	27
308	Electrophilic phenoxy-substituted phosphonium cations. <i>Dalton Transactions</i> , 2016 , 45, 18156-18162	4.3	27
307	Insertion Reactions of Diazomethanes and Electrophilic Boranes. <i>Organometallics</i> , 2012 , 31, 46-49	3.8	27
306	Ruthenium Carbene-Diether Ligand Complexes: Catalysts for Hydrogenation of Olefins. <i>Organometallics</i> , 2013 , 32, 2168-2177	3.8	27
305	Synthesis and reactivity of <i>o</i> -benzylphosphino- and <i>o</i> - α -methylbenzyl(<i>N,N</i> -dimethyl)amine-boranes. <i>Inorganic Chemistry</i> , 2011 , 50, 1470-9	5.1	27
304	C-C coupling by thermolysis of alkynyl phosphonium borates. <i>Chemistry - A European Journal</i> , 2010 , 16, 10304-8	4.8	27

- 303 Cationic Methyl- and Chlorotitanium Phosphinimide Complexes. *Organometallics*, **2005**, 24, 1091-1098 3.8 27
- 302 Neutral and cationic aluminium complexes of a sterically demanding N-imidoylamidine ligand. *Dalton Transactions*, **2006**, 2089-97 4.3 27
- 301 Cyclopentadienyl carbon-hydrogen activation in zirconocene phosphide complexes. *Organometallics*, **1992**, 11, 1014-1016 3.8 27
- 300 Analogs of the [4Fe-4S]⁺ sites of reduced ferredoxins: structural and spectroscopic properties of [(C₂H₅)₄N]₃[Fe₄S₄(S-p-C₆H₄Br)₄] in crystalline and solution phases. *Inorganic Chemistry*, **1983**, 22, 1550-1557 5.1 27
- 299 A Phosphorus Lewis Super Acid: Ω -Pentamethylcyclopentadienyl Phosphorus Dication. *Chem*, **2018**, 4, 2699-2708 16.2 27
- 298 C-F Bond Activation Mediated by Phosphorus Compounds. *Chemistry - A European Journal*, **2019**, 25, 9350-9357 4.26
- 297 An umpolung of Lewis acidity/basicity at nitrogen by deprotonation of a cyclic (amino)aryl nitrenium cation. *Chemical Communications*, **2018**, 54, 4390-4393 5.8 26
- 296 Neutral and Cationic Tridentate Bis(N-heterocyclic carbene) Ether Ruthenium Alkylidene Complexes in Metathesis. *Organometallics*, **2012**, 31, 580-587 3.8 26
- 295 Ni \rightarrow B interactions in nickel phosphino-alkynyl-borane complexes. *Chemistry - A European Journal*, **2010**, 16, 2040-4 4.8 26
- 294 Cationic complexes of titanium(III); phosphine substitution reactions. *Canadian Journal of Chemistry*, **1988**, 66, 1147-1152 0.9 26
- 293 Halogenated triphenylgallium and -indium in frustrated Lewis pair activations and hydrogenation catalysis. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2017**, 375, 375, 3 25
- 292 Catalytic Ketone Hydrodeoxygenation Mediated by Highly Electrophilic Phosphonium Cations. *Angewandte Chemie*, **2015**, 127, 8368-8372 3.6 25
- 291 Frustrated Lewis Pair Inspired Carbon Dioxide Reduction by a Ruthenium Tris(aminophosphine) Complex. *Angewandte Chemie*, **2012**, 124, 11505-11507 3.6 25
- 290 Ni, Pd, Pt, and Ru complexes of phosphine-borate ligands. *Inorganic Chemistry*, **2012**, 51, 4711-21 5.1 25
- 289 Discovery of frustrated lewis pairs: intermolecular FLPs for activation of small molecules. *Topics in Current Chemistry*, **2013**, 332, 1-44 25
- 288 Metallated triphenylphosphinimine complexes. *Dalton Transactions*, **2003**, 3804 4.3 25
- 287 Structure and magnetic properties of [Cp₂M(EPeEt₂)₂] (M = Ti, Zr). *Canadian Journal of Chemistry*, **1991**, 69, 1146-1152 0.9 25
- 286 Electrophilic phosphonium cations (EPCs) with perchlorinated-aryl substituents: towards air-stable phosphorus-based Lewis acid catalysts. *Dalton Transactions*, **2016**, 45, 14651-7 4.3 25

285	Metal-free Lewis acid mediated dehydrocoupling of phosphines and concurrent hydrogenation. <i>Chemical Communications</i> , 2015 , 51, 2396-8	5.8	24
284	Cationic aluminum hydride complexes: reactions of carbene-alane adducts with trityl-borate. <i>Chemical Communications</i> , 2016 , 52, 5305-7	5.8	24
283	Activation of H ₂ using P/Al based frustrated Lewis pairs and reactions with olefins. <i>Dalton Transactions</i> , 2013 , 42, 13685-91	4.3	24
282	H ₂ -Aktivierung, Hydridbildung und katalytische Hydrierung von Iminen mit Zinkkomplexen von C ₅ Me ₅ und N-heterocyclischen Carbenen. <i>Angewandte Chemie</i> , 2013 , 125, 10014-10018	3.6	24
281	Non-innocent reactivity of bis-phosphinimine pincer ligands in palladium complexes. <i>Dalton Transactions</i> , 2011 , 40, 2419-21	4.3	24
280	Synthesis, structure and properties of tetraphenylphosphonium tetrakis(2-mercaptopropionato)trinickelate(II) (PH ₄ P) ₂ [Ni ₃ (SCH(CH ₃)COO) ₄]: a linear trimeric thiolato complex of nickel. <i>Inorganic Chemistry</i> , 1987 , 26, 4119-4122	5.1	24
279	Coordination modes of polydentate ligands. 1. Template synthesis of complexes of nickel(2+), copper(2+), and cobalt(2+) with pentadentate and hexadentate ligands: structure of a highly distorted six-coordinate cobalt(2+) complex. <i>Inorganic Chemistry</i> , 1984 , 23, 538-545	5.1	24
278	Preparation, characterization, and reactivity of the early-transition-metal/late-transition-metal heterobimetallic complexes (C ₅ H ₅) ₂ Zr(μ-PPh ₂) ₂ ML _n (M = Ni, Pd, Pt). <i>Inorganic Chemistry</i> , 1986 , 25, 1222-1225	5.1	24
277	FLP reduction and hydroboration of phenanthrene o-iminoquinones and Imines. <i>Dalton Transactions</i> , 2017 , 46, 5308-5319	4.3	23
276	Activation of H and EtSiH by the Borinium Cation [MesB]: Avenues to Cations [MesB(EH)(EMes)BMes] and [HB(EH)(EMes)B(EMes)(EH)BH]. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6180-6184	16.4	23
275	Intramolecular 1,1-carboboration versus intermolecular FLP addition in reactions of boranes and bis(phenylethynyl)telluroether. <i>Chemical Communications</i> , 2015 , 51, 4287-9	5.8	23
274	Ruthenium complexes of an abnormally bound, anionic N-heterocyclic carbene. <i>Chemistry - A European Journal</i> , 2014 , 20, 6597-602	4.8	23
273	Planar N-Heterocyclic Carbene Diarylborenium Ions: Synthesis by Cationic Borylation and Reactivity with Lewis Bases. <i>Angewandte Chemie</i> , 2015 , 127, 5303-5306	3.6	23
272	1,1-Carboboration to tellurium-boron intramolecular frustrated Lewis pairs. <i>Dalton Transactions</i> , 2015 , 44, 71-4	4.3	23
271	Cationic and Neutral Phosphido-Bridged Pentamethylcyclopentadienylchromium Dimers. <i>Organometallics</i> , 2003 , 22, 1712-1717	3.8	23
270	Titanium Complexes of Sterically Demanding Cage-Phosphinimide Ligands. <i>Organometallics</i> , 2000 , 19, 3791-3796	3.8	23
269	Lewis acidic titanium species: the synthesis, structure, bonding and molecular modelling considerations of the complexes Ti(NR ₂) ₃ Cl (R = Me, Et). <i>Canadian Journal of Chemistry</i> , 1991 , 69, 357-362	3.9	23
268	Titanocene(III) phosphides: trapping and structure of mononuclear intermediates in the formation of [Cp ₂ Ti(μ-PR ₂) ₂]. <i>Organometallics</i> , 1991 , 10, 2811-2816	3.8	23

267	S(vi) Lewis acids: fluorosulfoxonium cations. <i>Chemical Communications</i> , 2016 , 52, 12418-12421	5.8	23
266	Double FLP-Alkyne Exchange Reactions: A Facile Route to Te/B Heterocycles. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13264-7	16.4	22
265	Facile Protocol for Catalytic Frustrated Lewis Pair Hydrogenation and Reductive Deoxygenation of Ketones and Aldehydes. <i>Angewandte Chemie</i> , 2015 , 127, 8631-8634	3.6	22
264	Nickel(II) and Palladium(II) Bis-Aminophosphine Pincer Complexes. <i>Organometallics</i> , 2011 , 30, 4128-4135	3.8	22
263	Synthesis and structure of a (NacNac)rhodium terminal dinitrogen complex. <i>Canadian Journal of Chemistry</i> , 2005 , 83, 324-327	0.9	22
262	Synthesis and Reactivity of Phosphametallacycles: Sterically Induced Epimerizations and Retrocycloadditions. <i>Organometallics</i> , 1996 , 15, 5729-5737	3.8	22
261	Mononuclear nickel(II) thiolates of square-planar geometry: syntheses, spectral and redox properties of $[\text{Ni}(\text{SCH}_2\text{CH}_2\text{S})_2]_2$ and $[\text{Ni}(\text{SCH}(\text{CH}_3)\text{CH}(\text{CH}_3)\text{S})_2]_2$ and the structure of $(\text{Ph}_4\text{P})_2[\text{Ni}(\text{SCH}_2\text{CH}_2\text{S})_2]_2 \cdot 4\text{H}_2\text{O}$. <i>Inorganica Chimica Acta</i> , 1990 , 177, 233-238	2.7	22
260	Rhodium induced titanium-sulfur bond cleavage: crystal and molecular structure of $((\text{COD})\text{Rh}(\text{E}^-\text{Me}))_2$. <i>Canadian Journal of Chemistry</i> , 1990 , 68, 565-569	0.9	22
259	Towards copper(II) hemocyanin models: The synthesis and molecular structure of a binuclear copper(II) complex of a heptadentate ligand. <i>Inorganica Chimica Acta</i> , 1985 , 99, L53-L56	2.7	22
258	C-C Coupling of Benzyl Fluorides Catalyzed by an Electrophilic Phosphonium Cation. <i>Angewandte Chemie</i> , 2016 , 128, 8588-8591	3.6	22
257	Lithium Dicyclohexylamide in Transition-Metal-Free Fischer-Tropsch Chemistry. <i>Journal of the American Chemical Society</i> , 2021 , 143, 634-638	16.4	22
256	Alkali Metal Species in the Reversible Activation of H ₂ . <i>Angewandte Chemie</i> , 2018 , 130, 11216-11220	3.6	22
255	N-Heterocyclic carbene stabilized parent sulfenyl, selenenyl, and tellurenyl cations (XH, X = S, Se, Te). <i>Dalton Transactions</i> , 2017 , 46, 3095-3099	4.3	21
254	Nitrogen-Based Lewis Acids: Synthesis and Reactivity of a Cyclic (Alkyl)(Amino)Nitrenium Cation. <i>Angewandte Chemie</i> , 2018 , 130, 3380-3384	3.6	21
253	Ferrocenyl-derived electrophilic phosphonium cations (EPCs) as Lewis acid catalysts. <i>Dalton Transactions</i> , 2016 , 45, 5568-74	4.3	21
252	Ti and Zr complexes of ferrocenyl amidinates. <i>Dalton Transactions</i> , 2010 , 39, 8957-66	4.3	21
251	Oxidative addition of aryl halides: routes to mono- and dimetallic nickel amino-bis-phosphinimine complexes. <i>Dalton Transactions</i> , 2011 , 40, 5419-22	4.3	21
250	P(III)-cyclic oligomers via catalytic hydrophosphination. <i>Chemical Communications</i> , 2009 , 304-6	5.8	21

249	C-S Bond Cleavage Routes to the Titanium-Sulfide Complexes (CpTi)(6)(η -(3-S)(4)(η -(3-O)(4) and (CpTi)(4)(η -(3-S)(3)(η -(2-S)(η -(2-SEt)(2) (Cp = η -C(5)H(5)). <i>Inorganic Chemistry</i> , 1997 , 36, 1260-1262	5.1	21
248	Monocyclopentadienyl-Titanium Aryloxide Sulfide Complexes. <i>Inorganic Chemistry</i> , 1998 , 37, 4726-4731	5.1	21
247	Bonding and conformational aspects of thiolato-bridged early-late heterobimetallics. <i>Organometallics</i> , 1991 , 10, 3399-3403	3.8	21
246	Heterobimetallic complexes. 2. Preparation and crystal and molecular structure of (C ₅ H ₅) ₂ Zr[μ -P(C ₆ H ₅) ₂]Mo(CO) ₄ . <i>Inorganic Chemistry</i> , 1985 , 24, 2585-2588	5.1	21
245	Phosphorus Coordination Chemistry in Catalysis: Air Stable P(III)-Dications as Lewis Acid Catalysts for the Allylation of C-H Bonds. <i>Organometallics</i> , 2018 , 37, 4540-4544	3.8	21
244	tBu ₃ P/ZnR ₂ (R=Et, I) Frustrated Lewis Pair Catalysts for Functionalization and Reduction of CO ₂ . <i>Israel Journal of Chemistry</i> , 2015 , 55, 206-209	3.4	20
243	A Tridentate-Dithiolate Ruthenium Alkylidene Complex: An Olefin Metathesis Catalyst Activated by BCl ₃ . <i>Organometallics</i> , 2013 , 32, 4730-4732	3.8	20
242	Homolytic Cleavage Reactions of a Neutral Doubly Base Stabilized Diborane(4). <i>Organometallics</i> , 2017 , 36, 3163-3170	3.8	20
241	Frustrated Lewis Pair Activation of an N-Sulfinylamine: A Source of Sulfur Monoxide. <i>Angewandte Chemie</i> , 2015 , 127, 823-826	3.6	20
240	Salts of the Cation [(Cp*Cr) ₄ (Cl) ₃ (CH ₂) ₃ AlMe] ⁺ with the Oxo- and Methine-Based Aluminum Anions [(Me ₂ Al) ₂ (CH)(AlCl ₂ Me) ₂] ⁻ and [(Me ₂ Al)(B-O)(AlCl ₂ Me)(AlMe ₂ Cl)] ⁻ . <i>Organometallics</i> , 2003 , 22, 1992-1994	3.8	20
239	Cyclopentadienyl-Bis-Aryloxide Titanium Complexes. <i>Inorganic Chemistry</i> , 1998 , 37, 4732-4734	5.1	20
238	Synthesis and Structural and Reactivity Studies of Thiatitanacyclopropane Complexes [CpTi(SCHCH ₂ CH ₂ S)] ₂ (Cp = Cp, MeCp). <i>Organometallics</i> , 1996 , 15, 2320-2330	3.8	20
237	Three and four coordinate Fe carbodiphosphorane complexes. <i>Dalton Transactions</i> , 2016 , 45, 16820-16825	4.5	20
236	Electrophilic Phosphonium Cation-Mediated Phosphane Oxide Reduction Using Oxalyl Chloride and Hydrogen. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15253-15256	16.4	20
235	1,2,3-Triazolylidene ruthenium(II)-cyclometalated complexes and olefin selective hydrogenation catalysis. <i>Dalton Transactions</i> , 2015 , 44, 2712-23	4.3	19
234	Synthesis of a Carbodicyclopropenylidene: A Carbodicarbene based Solely on Carbon. <i>Angewandte Chemie</i> , 2016 , 128, 5626-5630	3.6	19
233	Remote Stereochemistry of a Frustrated Lewis Pair Provides Thermal and Photochemical Control of Reactivity. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8119-8123	16.4	19
232	Frustrated Lewis pairs: a metal-free landmark. <i>Nature Chemistry</i> , 2014 , 6, 952-3	17.6	19

- 231 Half sandwich ruthenium(II) hydrides: hydrogenation of terminal, internal, cyclic and functionalized olefins. *Dalton Transactions*, **2014**, 43, 15638-45 4.3 19
- 230 Reactions of CO₂ with Heteroleptic Zinc and Zinc-NHC Complexes. *Organometallics*, **2013**, 32, 7503-7508 3.8 19
- 229 Heterolytic Activation of H₂ Using a Mechanically Interlocked Molecule as a Frustrated Lewis Base. *Angewandte Chemie*, **2013**, 125, 994-997 3.6 19
- 228 Catalytic double hydroarylation of alkynes to 9,9-disubstituted 9,10-dihydroacridine derivatives by an electrophilic phenoxyphosphonium dication. *Chemical Communications*, **2017**, 53, 13312-13315 5.8 19
- 227 Electrophilic Fluorophosphonium Cations in Frustrated Lewis Pair Hydrogen Activation and Catalytic Hydrogenation of Olefins. *Angewandte Chemie*, **2015**, 127, 10316-10320 3.6 19
- 226 Phosphines bearing alkyne substituents: synthesis and hydrophosphination polymerization. *Inorganic Chemistry*, **2009**, 48, 8623-31 5.1 19
- 225 Mono- and Bimetallic (NacNac)Ni Cyclopentadienyl Complexes. *Organometallics*, **2006**, 25, 5870-5878 3.8 19
- 224 Phosphinimido Complexes of Silicon, Tin, and Germanium. *Organometallics*, **2003**, 22, 818-825 3.8 19
- 223 Olefin polymerization and deactivation pathways of titanium-phosphinimide catalysts. *Macromolecular Symposia*, **2001**, 173, 105-116 0.8 19
- 222 The Zirconocene Dihydride-Alane Adducts [(Cp)₂ZrH(H)₂]₃Al and [(Cp)₂ZrH(H)₂]₂AlH (Cp = Me₃SiC₅H₄). *Organometallics*, **1998**, 17, 763-765 3.8 19
- 221 Zr-H Bonding in Complexes Derived from Ethylene Additions to Cp₂Zr(P(C₆H₂-2,4,6-t-Bu₃))(PMe₃). *Organometallics*, **1996**, 15, 4223-4227 3.8 19
- 220 Synthesis and reaction chemistry of the coordinatively unsaturated heterobimetallic complexes (CO)₃(PPh₃)Fe(μ-PCy₂)Rh(PPh₃)(CO) and (CO)₄Fe(μ-PCy₂)Rh(1,5-COD). Crystal and molecular structure of (CO)₃(PPh₃)Fe(μ-PCy₂)Rh(PPh₃)(CO). *Inorganic Chemistry*, **1989**, 28, 1998-2003 5.1 19
- 219 Cooperative activation of carbonyl by early/late heterobimetallics: reactions of [Cp₂M(μ-PR₂)₂]₂ (M = Ti, Zr) with [CpMo(CO)₃]₂. *Organometallics*, **1990**, 9, 1910-1916 3.8 19
- 218 Synthesis and structural studies of rhodium complexes of phosphorus-sulfur ligands. *Canadian Journal of Chemistry*, **1986**, 64, 1870-1875 0.9 19
- 217 Preparation and ³¹P nuclear magnetic resonance studies of chiral phosphines. *Canadian Journal of Chemistry*, **1980**, 58, 15-21 0.9 19
- 216 Eine Geschichte über zwei Elemente: die Umpolung der Lewis-Acidität/Basizität von Bor und Phosphor. *Angewandte Chemie*, **2017**, 129, 6078-6086 3.6 18
- 215 Axially Chiral, Electrophilic Fluorophosphonium Cations: Synthesis, Lewis Acidity, and Reactivity in the Hydrosilylation of Ketones. *Organometallics*, **2019**, 38, 712-721 3.8 18
- 214 Thiophene synthesis via 1,1-carboboration. *Chemical Communications*, **2015**, 51, 7226-9 5.8 18

213	Ru- η^6 -arene cations $[\{(\text{Ph})_2\text{PC}_6\text{H}_4\}_2\text{B}(\eta^6\text{-Ph})\}\text{RuX}]^+$ (X=Cl, H) as Lewis acids. <i>Chemistry - A European Journal</i> , 2014 , 20, 3333-41	4.8	18
212	Oxidative Addition Reactions of Bis-Aminophosphine and Bis-Phosphinite Nickel(0) Pincer Complexes. <i>Organometallics</i> , 2012 , 31, 1584-1587	3.8	18
211	Reactions of Ru-alkynyl Complexes with Electrophilic Boranes. <i>Organometallics</i> , 2011 , 30, 5537-5542	3.8	18
210	The crystal and molecular structure of the coordinatively unsaturated Ni(0) species Ni(PPh ₃) ₃ . <i>Canadian Journal of Chemistry</i> , 1990 , 68, 628-632	0.9	18
209	A model for C-F activation by electrophilic phosphonium cations. <i>Chemical Communications</i> , 2017 , 53, 7529-7532	5.8	17
208	Borane-Stabilized Isomeric Dimers of the Phosphaethynolate Anion. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14174-14177	16.4	17
207	Chloro- and phenoxy-phosphines in frustrated Lewis pair additions to alkynes. <i>Dalton Transactions</i> , 2012 , 41, 237-42	4.3	17
206	Synthesis and reactivity of ruthenium tridentate bis-phosphinite ligand complexes. <i>Dalton Transactions</i> , 2013 , 42, 10460-72	4.3	17
205	Di-tert-butylbiphenylphosphinimide Titanium and Zirconium Complexes: Pendant Arene-Metal Interactions. <i>Organometallics</i> , 2006 , 25, 4985-4995	3.8	17
204	Synthesis and Reactivity of Neutral, Zwitterionic and Cationic Pentamethylcyclopentadienyltantalumphosphinimide Complexes. <i>Organometallics</i> , 2001 , 20, 1442-1450	3.8	17
203	Contrasting formation of a (phenylthio)phosphinimine and (phenylthio)phosphazide. Synthesis of metal complexes. <i>Inorganic Chemistry</i> , 2001 , 40, 3827-9	5.1	17
202	Radical routes to titanium(IV) thiolate complexes: structure and reactivity of $(\eta^5\text{-C}_5\text{H}_5)\text{TiIII}$ and -TiIV donor and thiolate derivatives. <i>Inorganic Chemistry</i> , 1993 , 32, 5933-5938	5.1	17
201	Monophosphido-bridged early/late heterobimetallics: synthesis, structure, and electrochemistry of titanium-metal complexes $\text{Cp}_2\text{Ti}(\mu\text{-PET}_2)(\mu\text{-}\eta^1\text{-}\eta^2\text{-OC})\text{M}(\text{CO})\text{Cp}$ (M = Mo, W). <i>Organometallics</i> , 1992 , 11, 2378-2382	3.8	17
200	Towards supported catalyst models: the synthesis, characterization, redox chemistry, and structures of the complexes $\text{Ti}(\text{OAr}^?)_4$ ($\text{Ar}^? = \text{C}_6\text{H}_4(2\text{-t-Bu}), \text{C}_6\text{H}_2(2,3,5,6\text{-Me})_4$). <i>Canadian Journal of Chemistry</i> , 1991 , 69, 172-178	0.9	17
199	Synthesis and crystal and molecular structure of $\text{MoS}_4(\text{AuPEt}_3)_2$: A linear trinuclear heterobimetallic species. <i>Inorganica Chimica Acta</i> , 1985 , 96, L87-L90	2.7	17
198	Nitrogen-Based Lewis Acids Derived from Phosphonium Diazo Cations. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11934-11938	16.4	17
197	Phosphaaluminirenes: Synthons for Main Group Heterocycles. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16971-16982	16.4	16
196	The phosphinoboration of carbodiimides, isocyanates, isothiocyanates and CO. <i>Dalton Transactions</i> , 2017 , 46, 10876-10885	4.3	16

- 195 Dicationic phosphonium salts: Lewis acid initiators for the Mukaiyama-aldol reaction. *Dalton Transactions*, **2017**, 46, 16216-16227 4.3 16
- 194 Interconversion of Ruthenium-O(CH₂CH₂PCy₂)₂ Alkylidene and Alkylidyne Hydride Complexes. *Organometallics*, **2010**, 29, 4369-4374 3.8 16
- 193 Use of Olefin Metathesis to Link Phosphinimide-Cyclopentadienyl Ligand Complexes: Synthesis, Structure, and Ethylene Polymerization Activity. *Organometallics*, **2008**, 27, 6343-6352 3.8 16
- 192 The syntheses and structures of lithium phosphinimide and phosphimine complexes. *Canadian Journal of Chemistry*, **2003**, 81, 1471-1476 0.9 16
- 191 Decamethylzirconocene-Chalcogenide-Hydride Complexes. *Organometallics*, **1999**, 18, 2479-2483 3.8 16
- 190 Heterobimetallic dicyclohexylphosphido-bridged complexes of MoNi, MoPd, MoPt, WNi, WPd, and WPt. Crystal and molecular structure of bis(μ -dicyclohexylphosphido)(triphenylphosphine)(tetracarbonylmolybdenum)palladium (μ -D₂Phosphido) Complexes. *Inorganic Chemistry*, **1996**, 35, 1977-1982 5.1 16
- 189 A recyclable metal-organic framework for ammonia vapour adsorption. *Chemical Communications*, **2020**, 56, 9600-9603 5.8 16
- 188 FLP reactivity of [PhC] and (o-tolyl)P and the capture of a Staudinger reaction intermediate. *Dalton Transactions*, **2017**, 46, 9334-9338 4.3 15
- 187 Reversible Intramolecular Cycloaddition of Phosphaalkene to an Arene Ring. *Journal of the American Chemical Society*, **2019**, 141, 8083-8087 16.4 15
- 186 Synthesis of acyl(chloro)phosphines enabled by phosphinidene transfer. *Chemical Science*, **2019**, 10, 3627-3631 15 15
- 185 Reversible Frustrated Lewis Pair Addition of N-Heterocycles to Unsaturated C=C Bonds. *Synlett*, **2014**, 25, 1521-1524 2.2 15
- 184 Stabilizing Zr and Ti cations by interaction with a ferrocenyl fragment. *Journal of the American Chemical Society*, **2009**, 131, 15610-1 16.4 15
- 183 Synthesis of 1,2-Cyclopentadienyl Diimine Anions and Their Zirconium Complexes. *Organometallics*, **1998**, 17, 3656-3660 3.8 15
- 182 Transition metal complexes of a sterically demanding diimine ligand. *Canadian Journal of Chemistry*, **2005**, 83, 477-484 0.9 15
- 181 The Main Group Macrocycle [((PCH₂CH₂PAIme₂)₂)₄]₄ [AlMe₃]. *Angewandte Chemie*, **2001**, 113, 1917-1919 15 15
- 180 Chemical, Computational, and Structural Studies of Dimeric (Pentamethylcyclopentadienyl)zirconium Thiolate and Alkoxide Complexes. *Inorganic Chemistry*, **1995**, 34, 2804-2812 5.1 15
- 179 Diverse Uses of the Reaction of Frustrated Lewis Pair (FLP) with Hydrogen. *Journal of the American Chemical Society*, **2021**, 143, 20002-20014 16.4 15
- 178 The Arene-Stabilized η -Pentamethylcyclopentadienyl Arsenic Dication [((η -Cp*)As(toluenes))₂]²⁺. *Angewandte Chemie*, **2019**, 131, 5461-5466 3.6 14

177	Accessing Frustrated Lewis Pair Chemistry from a Spectroscopically Stable and Classical Lewis Acid-Base Adduct. <i>Angewandte Chemie</i> , 2018 , 130, 5983-5986	3.6	14
176	A Room-Temperature-Stable Phosphanorcaradiene. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7466-7470	16.4	14
175	The synthesis and structure of [Zn(TEMPO) ₂] ₂ and [Zn(H)(P(=O)(Cl) ₂)(Cl)] ₆ . <i>Chemical Communications</i> , 2014 , 50, 8395-7	5.8	14
174	Reactions of substituted pyridines with electrophilic boranes. <i>Dalton Transactions</i> , 2012 , 41, 2131-9	4.3	14
173	Synthesis, Structure, and Reactivity of Titanium Phosphinimide Thiolate Complexes. <i>Organometallics</i> , 2002 , 21, 1646-1653	3.8	14
172	Metal-Mediated Synthesis of Thiol Derivatives: Synthesis and Reactivity of the Thiatitanacyclopropane Complex [CpTi(SCHCH ₂ CH ₂ S)] ₂ . <i>Journal of the American Chemical Society</i> , 1994 , 116, 5483-5484	16.4	14
171	Monophosphido-bridged early/late heterobimetallic complexes: cooperative activation of carbon monoxide. <i>Organometallics</i> , 1989 , 8, 1393-1398	3.8	14
170	Cooperative Lewis acidity in borane-substituted fluorophosphonium cations. <i>Chemical Communications</i> , 2016 , 52, 6387-90	5.8	14
169	Interactions of C-F Bonds with Hydridoboranes: Reduction, Borylation and Friedel-Crafts Alkylation. <i>Chemistry - A European Journal</i> , 2018 , 24, 16014-16018	4.8	14
168	Phosphinoboration of Diazobenzene: Intramolecular FLP Synthon for PN B-Derived Heterocycles. <i>Chemistry - A European Journal</i> , 2019 , 25, 12521-12525	4.8	13
167	P(v) dications: carbon-based Lewis acid initiators for hydrodefluorination. <i>Chemical Communications</i> , 2019 , 55, 8971-8974	5.8	13
166	Cycloaddition reactions between dicyclohexylboron azide and alkynes. <i>Dalton Transactions</i> , 2013 , 42, 4795-8	4.3	13
165	Synthesis and reactivity of nickel-hydride amino-bis-phosphinimine complexes. <i>Dalton Transactions</i> , 2013 , 42, 4237-9	4.3	13
164	Phosphinimide complexes with pendant hemilabile donors: synthesis, structure and ethylene polymerization activity. <i>Dalton Transactions</i> , 2009 , 1636-43	4.3	13
163	Synthesis and characterization of vanadium(V)-phosphinimide complexes. <i>Inorganic Chemistry</i> , 2003 , 42, 5429-33	5.1	13
162	Reactivity of Decamethylzirconocene Trihydride Anion with Protic Reagents. <i>Organometallics</i> , 2000 , 19, 2621-2624	3.8	13
161	Synthesis, structure, and single-crystal EPR study of [Cp(t-Bu ₃ PN)Ti(μ-Cl)] ₂ . <i>Inorganic Chemistry</i> , 2000 , 39, 2542-6	5.1	13
160	Formation of Titanium(III) Phosphide Dimers and Induction of Cyclopentadienyl C-H and P-C Bond Cleavage. <i>Inorganic Chemistry</i> , 1994 , 33, 4595-4597	5.1	13

- 159 The facile preparation of early transition metal/late transition metal heterobimetallic complexes; $(\eta\text{-C}_5\text{H}_5)_2\text{Zr}(\text{PPh}_2)_2$ as a metalloligand [For Ni, Pd and Pt. *Inorganica Chimica Acta*, **1986**, 111, L17-L18 2.7 13
- 158 Enantiomeric discrimination. *Journal of Organometallic Chemistry*, **1982**, 228, 203-215 2.3 13
- 157 Synthesis of Urea Derivatives from CO₂ and Silylamines. *Angewandte Chemie*, **2019**, 131, 5763-5767 3.6 13
- 156 Acyl-Phosphide Anions via an Intermediate with Carbene Character: Reactions of $\text{K}[\text{PtBu}]$ and CO. *Angewandte Chemie - International Edition*, **2019**, 58, 3548-3552 16.4 13
- 155 P, P-Dimethylformylphosphine: The Phosphorus Analogue of N, N-Dimethylformamide. *Journal of the American Chemical Society*, **2018**, 140, 12751-12755 16.4 13
- 154 Electrophilic Phosphonium Cations as Lewis Acid Catalysts in Diels-Alder Reactions and Nazarov Cyclizations. *Organometallics*, **2018**, 37, 3303-3313 3.8 13
- 153 Metal-free pincer ligand chemistry polycationic phosphonium Lewis acids. *Dalton Transactions*, **2017**, 46, 3921-3928 4.3 12
- 152 Double Phosphinoboration of CO : A Facile Route to Diphospha-Ureas. *Chemistry - A European Journal*, **2019**, 25, 12063-12067 4.8 12
- 151 Single Electron Transfer to Diazomethane-Borane Adducts Prompts C-H Bond Activations. *Angewandte Chemie - International Edition*, **2019**, 58, 18487-18491 16.4 12
- 150 Phosphinimine-substituted boranes and borenium ions. *Dalton Transactions*, **2014**, 43, 15201-11 4.3 12
- 149 1,1-Olefin-bridged bis-(2-indenyl) metallocenes of titanium and zirconium. *Dalton Transactions*, **2014**, 43, 13219-31 4.3 12
- 148 B(C₆F₅)₃-mediated transformations and hydrogenation of carbodiimides. *Chemistry - A European Journal*, **2015**, 21, 2193-9 4.8 12
- 147 Mononuclear and dinuclear palladium and nickel complexes of phosphinimine-based tridentate ligands. *Dalton Transactions*, **2011**, 40, 4918-25 4.3 12
- 146 Main Group Heterocycles from Lithiated Phosphinimines. *Organometallics*, **2007**, 26, 3041-3048 3.8 12
- 145 Reactions of the titanium-carbide species $\text{CpTi}(\eta\text{-Me})(\eta\text{-N}(\text{Pr})_3)(\eta\text{-C})(\text{AlMe}_2)_3$. *Journal of Organometallic Chemistry*, **2007**, 692, 4481-4485 2.3 12
- 144 Sterically Demanding Phosphinimides: Ligands for Unique Main Group and Transition Metal Chemistry. *Advances in Organometallic Chemistry*, **2006**, 54, 267-291 3.8 12
- 143 Coordination modes of polydentate ligands. 2. Template synthesis of four-, five-, and six-coordinate fluorinated Schiff-base complexes of nickel(2+): structure of an octahedral nickel(2+) complex containing two tridentate ligands. *Inorganic Chemistry*, **1984**, 23, 1509-1512 5.1 12
- 142 Hydroboration without a B-H bond: reactions of the borinium cation $[(\text{iPrN})\text{B}]$ with alkyne, nitrile, ketone and diazomethane. *Chemical Communications*, **2019**, 55, 5155-5158 5.8 11

141	Titanium ferrocenyl-phosphinimide complexes. <i>Dalton Transactions</i> , 2010 , 39, 1328-38	4.3	11
140	The Extended Borinium Cation: [(tBu ₃ PN)2B] ⁺ . <i>Angewandte Chemie</i> , 2002 , 114, 516-519	3.6	11
139	Synthesis and characterization of titanium complexes containing phosphinimido and tropidinyl ligands: Crystal structure of (trop)(t-Bu ₃ PN)TiCl ₂ . <i>Canadian Journal of Chemistry</i> , 2002 , 80, 1618-1624	0.9	11
138	Bimetallic titanium alkoxides: synthesis and structure of Cp ₂ Ti(Ph)(EOCH ₂ C(CH ₃) ₂ CH ₂ O)(Ph)TiCp ₂ ; a precursor to macrocyclic metallocene derivatives. <i>Canadian Journal of Chemistry</i> , 1991 , 69, 167-171	0.9	11
137	The molecular structure of Rh ₂ Cl ₂ (EO)([C ₆ H ₅ 2PCH ₂ P(C ₆ H ₅) ₂] ₂)C ₆ H ₆ : A rhodium η -frame complex. <i>Inorganica Chimica Acta</i> , 1985 , 98, L3-L6	2.7	11
136	Addition reactions and diazomethane capture by the intramolecular P-O-B FLP: tBuPOBcat. <i>Dalton Transactions</i> , 2020 , 49, 901-910	4.3	11
135	Frustrated Lewis Pair Oxidation Permits Synthesis of a Fluoroazaphosphatrane, [FP(MeNCHCH)N]. <i>Inorganic Chemistry</i> , 2018 , 57, 15299-15304	5.1	11
134	Small Molecule Activation with N,NR-MIC Platinum Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 5943-5947	4.8	10
133	Facile access to unsymmetrically substituted tellurium-boron based heterocycles. <i>Chemical Communications</i> , 2017 , 53, 6311-6314	5.8	10
132	Synthesis and oxidation of phosphine cations. <i>Dalton Transactions</i> , 2017 , 46, 14149-14157	4.3	10
131	1,1-Phosphinoboration of diazomethanes. <i>Chemical Communications</i> , 2019 , 55, 12100-12103	5.8	10
130	Base-Stabilized [PO] / [PO] Cations. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18276-18280	16.4	10
129	Boron perturbed click reactions prompt aromatic C-H activations. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5414-7	16.4	10
128	Sterically hindered phosphine and phosphonium-based activators and additives for olefin polymerization. <i>Dalton Transactions</i> , 2009 , 8555-61	4.3	10
127	Biphenylamide ligand complexes of Li and Al: hemilabile arene donors?. <i>Dalton Transactions</i> , 2008 , 4723-23	4.3	10
126	Aluminum pentafluorophenylamide complexes. <i>Canadian Journal of Chemistry</i> , 2007 , 85, 135-140	0.9	10
125	2001 Alcan Award Lecture From academic research to industrial applications and back again. <i>Canadian Journal of Chemistry</i> , 2002 , 80, 125-132	0.9	10
124	Dihydride formation versus H ₂ -elimination in the protonation of the heterobimetallic FePt complex (CO) ₃ Fe(H)(PCy ₂)Pt(PET ₃) ₂ . <i>Canadian Journal of Chemistry</i> , 1990 , 68, 869-874	0.9	10

123	Titanium-tin complexes: synthesis and structure of chlorobis(cyclopentadienyl)(triphenylstannyl)titanium. <i>Inorganic Chemistry</i> , 1988 , 27, 2386-2388	5.1	10
122	Reversible 1,1-hydroaluminations and C-H activation in reactions of a cyclic (alkyl)(amino) carbene with alane. <i>Chemical Communications</i> , 2018 , 54, 8407-8410	5.8	10
121	Stoichiometric Reactions of CO ₂ and Indium-Silylamides and Catalytic Synthesis of Ureas. <i>Angewandte Chemie</i> , 2017 , 129, 14465-14469	3.6	9
120	B(C ₆ F ₅) ₃ mediated arene hydrogenation/transannulation of para-methoxyanilines. <i>Dalton Transactions</i> , 2015 , 44, 7114-7	4.3	9
119	The phosphinoboration of acyl chlorides. <i>Dalton Transactions</i> , 2020 , 49, 5092-5099	4.3	9
118	Zinc-Containing Radical Anions via Single Electron Transfer to Donor-Acceptor Adducts. <i>Chemistry - A European Journal</i> , 2018 , 24, 3980-3983	4.8	9
117	An imine-gallium Lewis pair stabilized oxophosphinidene via an unexpected phosphirene rearrangement. <i>Chemical Communications</i> , 2018 , 54, 1041-1044	5.8	9
116	Reactivity of an intramolecular fluorophosphonium fluoroborate. <i>Chemistry - A European Journal</i> , 2014 , 20, 11287-90	4.8	9
115	Boron azides in Staudinger oxidations and cycloadditions. <i>Dalton Transactions</i> , 2013 , 42, 8674-83	4.3	9
114	Borane-Stabilized Isomeric Dimers of the Phosphaethynolate Anion. <i>Angewandte Chemie</i> , 2017 , 129, 14362-14365	3.6	9
113	Phosphine and carbene azido-cations: [(L)N] and [(L)N]. <i>Chemical Science</i> , 2015 , 6, 6367-6372	9.4	9
112	Facile synthesis of electrophilic vinyl boranes: reactions of alkynyl-borates and diazonium salts. <i>Chemical Communications</i> , 2012 , 48, 10189-91	5.8	9
111	Ni(II), Pd(II) and Pt(II) complexes of PNP and PSP tridentate amino-phosphine ligands. <i>Dalton Transactions</i> , 2012 , 41, 6791-802	4.3	9
110	Reactions of Zn bis-ferrocenyl- μ -diketiminates with [Ph ₃ C][B(C ₆ F ₅) ₄]. <i>Dalton Transactions</i> , 2011 , 40, 5836-40	4.3	9
109	Titanium complexes of amidophosphinimide ligands. <i>Dalton Transactions</i> , 2009 , 1991-8	4.3	9
108	Novel Polyolefins Containing Crystallizable Isotactic Polystyrene Side Chains. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1549-1553	4.8	9
107	Studies in enantiomeric discrimination. <i>Journal of Organometallic Chemistry</i> , 1981 , 221, 223-230	2.3	9
106	An arene-stabilized η -pentamethylcyclopentadienyl antimony dication acts as a source of Sb or Sb cations. <i>Chemical Communications</i> , 2020 , 56, 12953-12956	5.8	9

105	Phosphorous(v) Lewis acids: water/base tolerant P-trimethylated trications. <i>Chemical Communications</i> , 2018 , 54, 12467-12470	5.8	9
104	Lewis Superacidic Catecholato Phosphonium Ions: Phosphorus-Ligand Cooperative C-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15845-15851	16.4	9
103	Reductive Coupling and Loss of N from Magnesium Diazomethane Derivatives. <i>Chemistry - A European Journal</i> , 2018 , 24, 8589-8595	4.8	8
102	Lewis and Brønsted basicity of phosphine-diazomethane derivatives. <i>Dalton Transactions</i> , 2018 , 47, 12742-12749	4.3	8
101	Interception of intermediates in phosphine oxidation by mesityl nitrile-N-oxide using frustrated Lewis pairs. <i>Dalton Transactions</i> , 2018 , 47, 8933-8939	4.3	8
100	Breaking the Rules—A Planar Phosphonium Cation. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 501-502	16.4	8
99	Coordination modes of polydentate ligands. 3. Five-coordinate complexes of cobalt(2+), copper(2+), and nickel(2+) containing a tridentate thioether-alkoxy ligand. <i>Inorganic Chemistry</i> , 1985 , 24, 593-597	5.1	8
98	Hydroboration of Phosphaalkynes by HB(C ₆ F ₅) ₂ . <i>Chemistry - A European Journal</i> , 2016 , 22, 12665-9	4.8	8
97	Dogma-breaking catalysis. <i>Nature</i> , 2018 , 553, 160-162	50.4	8
96	9-Borabicyclo[3.3.1]nonane-induced Friedel-Crafts benzylation of arenes with benzyl fluorides. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 5258-5261	3.9	7
95	Bis-mixed-carbene ruthenium-thiolate-alkylidene complexes: synthesis and olefin metathesis activity. <i>Dalton Transactions</i> , 2015 , 44, 1724-33	4.3	7
94	Nitrogen-Based Lewis Acids Derived from Phosphonium Diazo Cations. <i>Angewandte Chemie</i> , 2018 , 130, 12110-12114	3.6	7
93	A facile route to Ru-alkylidenes. <i>Dalton Transactions</i> , 2014 , 43, 2710-2	4.3	7
92	A New Route to Ruthenium Thiolate Alkylidene Complexes. <i>Organometallics</i> , 2013 , 32, 5253-5255	3.8	7
91	Homoleptic magnesium bis-phosphinimide derivatives. <i>Canadian Journal of Chemistry</i> , 2005 , 83, 430-434	0.9	7
90	Ethylene/1,3-Cyclohexadiene Copolymerization by Means of Methylaluminumoxane Activated Half-Sandwich Complexes. <i>Macromolecular Symposia</i> , 2006 , 236, 156-160	0.8	7
89	Synthesis and characterization of cyclopentadienyl titanium(aryloxy)sulfide complexes. <i>Inorganic Chemistry</i> , 2001 , 40, 3824-6	5.1	7
88	1,2-Cyclopentadienyl Diimine-Group 13 Complexes. <i>Inorganic Chemistry</i> , 1999 , 38, 5189-5191	5.1	7

87	Reductions of Cyclopentadienyltitanium Diolate and Dithiolate Species with Boron and Tin Hydrides. <i>Organometallics</i> , 1995 , 14, 2835-2842	3.8	7
86	Synthesis and structure of titanium diolate complexes derived from CpTiCl ₃ . <i>Canadian Journal of Chemistry</i> , 1995 , 73, 956-962	0.9	7
85	Diphosphido bridged early/late heterobimetallic complexes: synthesis and molecular structure of Cp ₂ Zr(EPh ₂) ₂ ReH(CO) ₃ . <i>Canadian Journal of Chemistry</i> , 1989 , 67, 1584-1589	0.9	7
84	Frustrated Lewis pair-catalyzed double hydroarylation of alkynes with N-substituted pyrroles. <i>Chemical Communications</i> , 2020 , 56, 1855-1858	5.8	7
83	An intermolecular FLP System derived from an NHC-coordinated trisilacyclopropylidene. <i>Dalton Transactions</i> , 2020 , 49, 13386-13392	4.3	7
82	B(CF) ₃ -Catalyzed site-selective -alkylation of benzotriazoles with diazoalkanes. <i>Chemical Communications</i> , 2021 , 57, 7758-7761	5.8	7
81	Frustrated Lewis Pair Chemistry Meets Metal-Organic Frameworks. <i>CheM</i> , 2018 , 4, 2483-2485	16.2	7
80	Isolable Anionic, Neutral and Cationic Radicals from Reactions of N,N'-Dimesityldiamidocarbene and Lewis Acids. <i>Chemistry - A European Journal</i> , 2020 , 26, 7194-7198	4.8	6
79	Reactions of carbene-stabilized borenium cations. <i>Dalton Transactions</i> , 2020 , 49, 1839-1846	4.3	6
78	Frustrated Lewis pair chemistry. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017 , 375,	3	6
77	Cycloaddition reactions of (C ₆ F ₅) ₂ BN ₃ with dialkyl acetylenedicarboxylates. <i>Dalton Transactions</i> , 2015 , 44, 5045-8	4.3	6
76	Ag(I) and Au(I) complexes of sterically crowded cyclic phosphinimine ligands. <i>Dalton Transactions</i> , 2010 , 39, 9626-32	4.3	6
75	Titanium pyridyl-phosphinimide complexes ? Synthesis, structure, and ethylene polymerization catalysis. <i>Canadian Journal of Chemistry</i> , 2006 , 84, 755-761	0.9	6
74	Altering molecular weight distributions: Benzyl [?] phosphinimide titanium complexes as ethylene polymerization catalysts. <i>Canadian Journal of Chemistry</i> , 2004 , 82, 1304-1313	0.9	6
73	Taming a silyldium cation and its reactivity towards sodium phosphoethynolate. <i>Chemical Communications</i> , 2018 , 54, 13523-13526	5.8	6
72	Acyl-Phosphide Anions via an Intermediate with Carbene Character: Reactions of K[PtBu ₂] and CO. <i>Angewandte Chemie</i> , 2019 , 131, 3586-3590	3.6	5
71	N-Heterocyclic Carbene Derived 3-Azabutadiene as a Base in Classic and Frustrated Lewis Pair Chemistry. <i>Chemistry - A European Journal</i> , 2019 , 25, 7110-7113	4.8	5
70	Ru alkylidene compounds bearing tridentate, dianionic ligands: Lewis acid activation and olefin metathesis. <i>Dalton Transactions</i> , 2016 , 45, 3844-52	4.3	5

69	Probing steric influences on electrophilic phosphonium cations: a comparison of [(3,5-(CF)CH)PF] and [(CF)PF]. <i>Dalton Transactions</i> , 2018 , 47, 11411-11419	4.3	5
68	Oligomerization of phosphalkynes mediated by bulky N-heterocyclic carbenes: avenues to novel phosphorus frameworks. <i>Dalton Transactions</i> , 2019 , 48, 14242-14245	4.3	5
67	Imidazole-stabilized, electron-deficient boron cations. <i>Dalton Transactions</i> , 2017 , 46, 16404-16407	4.3	5
66	Ruthenium and Rhodium Complexes of Thioether-Alkynylborates. <i>Organometallics</i> , 2012 , 31, 3222-3227	3.8	5
65	Hydrophosphination of vinyl-boranes with phosphinoamines. <i>Dalton Transactions</i> , 2013 , 42, 3318-25	4.3	5
64	Hydroamination as a route to nitrogen-containing oligomers. <i>Polymer Chemistry</i> , 2010 , 1, 1332	4.9	5
63	Titanium "constrained geometry" complexes with pendant arene groups. <i>Dalton Transactions</i> , 2011 , 40, 2861-7	4.3	5
62	Hafnium phosphinimide complexes. <i>Canadian Journal of Chemistry</i> , 2009 , 87, 1163-1172	0.9	5
61	Frustrated Lewis Pairs: A Metal-Free Strategy for Hydrogenation Catalysis 2010 , 261-275		5
60	Functionalizing Titanium phosphinimide Complexes. <i>Organometallics</i> , 2006 , 25, 4779-4786	3.8	5
59	Coordination modes of polydentate ligands. 4. The crystal and molecular structure of an oxo-bridged iron(III) complex containing a pentadentate imino-alkoxy ligand. <i>Inorganica Chimica Acta</i> , 1986 , 115, 147-151	2.7	5
58	EXAFS studies of [N(C ₂ H ₅) ₄] ₂ [M(SC ₆ H ₅) ₄] and [N(C ₂ H ₅) ₄] ₂ [M ₄ (SC ₆ H ₅) ₁₀] (M = Zn, Cd): Model Compounds for Zn and Cd Metallothioneins. <i>Inorganica Chimica Acta</i> , 1987 , 136, L1-L5	2.7	5
57	Base-Stabilized [PO] ⁺ /[PO ₂] ⁺ Cations. <i>Angewandte Chemie</i> , 2019 , 131, 18444-18448	3.6	5
56	Facile Cleavage of the P=P Double Bond in Vinyl-Substituted Diphosphenes. <i>Angewandte Chemie</i> , 2019 , 131, 279-283	3.6	5
55	Design considerations for chiral frustrated Lewis pairs: B/N FLPs derived from 3,5-bicyclic aryl piperidines. <i>Dalton Transactions</i> , 2018 , 48, 133-141	4.3	4
54	Diphospha-Ureas from the Phosphaketene Ph GePCO. <i>Chemistry - A European Journal</i> , 2019 , 25, 10084-10087	4.3	4
53	Synthesis and reactions of 4H-1,4-telluraborine. <i>Chemical Communications</i> , 2017 , 54, 208-211	5.8	4
52	A pendant phosphorus Lewis acid: route to a palladium-benzoyl derived phosphorane. <i>Chemical Communications</i> , 2016 , 52, 13967-13970	5.8	4

51	Reactions of ruthenium hydrides with ethyl-vinyl sulfide. <i>Dalton Transactions</i> , 2014 , 43, 3501-7	4.3	4
50	Synthesis and Reactivity of Ruthenium Hydride Complexes Containing a Tripodal Aminophosphine Ligand. <i>Organometallics</i> , 2014 , 33, 578-586	3.8	4
49	Microfluidic Separation of Ethylene and Ethane Using Frustrated Lewis Pairs. <i>ChemSusChem</i> , 2015 , 8, 4202-8	8.3	4
48	Group IV phosphinimide amide complexes. <i>Canadian Journal of Chemistry</i> , 2004 , 82, 1634-1639	0.9	4
47	Synthesis of a Dinuclear η^2 -Thioaldehyde)zirconocene Cation Complex. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 1184-1188	1	4
46	Avenue to phosphalkenes from PhGePCO. <i>Dalton Transactions</i> , 2020 , 49, 885-890	4.3	4
45	Facile Synthesis of Cyanide and Isocyanides from CO. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16965-16969	16.4	4
44	Reduktion von Phosphanoxiden mit Oxalylchlorid und Wasserstoff, vermittelt durch ein elektrophiles Phosphoniumkation. <i>Angewandte Chemie</i> , 2018 , 130, 15473-15476	3.6	4
43	Reactions of a Dilithiomethane with CO and N O: An Avenue to an Anionic Ketene and a Hexafunctionalized Benzene. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25281-25285	16.4	4
42	Synthesis of a diboryl-N-heterocycle and its conversion to a bidentate cationic Lewis acid. <i>Chemical Communications</i> , 2015 , 51, 14322-5	5.8	3
41	Cyclopropanation of Ru-diimino-pyridine ligand complexes. <i>Dalton Transactions</i> , 2010 , 39, 7211-3	4.3	3
40	Copolymerization of sterically demanding phosphine-olefins and 1-hexene. <i>Canadian Journal of Chemistry</i> , 2009 , 87, 1620-1624	0.9	3
39	Early Metal Mediated P-P Bond Formation in Cp ₂ M((PR) ₂) and Cp ₂ M((PR) ₃) Complexes. [Erratum to document cited in CA120:245375]. <i>Inorganic Chemistry</i> , 1995 , 34, 3126-3126	5.1	3
38	Synthesis, structure and bonding in Zirconocene primary phosphido (PHR-), phosphinidene (PR ₂ -), and phosphide (P ₃ -) derivatives. [Erratum to document cited in CA121:9554]. <i>Organometallics</i> , 1995 , 14, 4030-4030	3.8	3
37	Complexes of hybrid ligands. The synthesis of a thioanisole-substituted fluoro-alcohol and its complexes with Pd ²⁺ and Pt ²⁺ ; the structure of a palladium(II) complex containing alkoxide, phosphine, thioether, and chloride donors. <i>Canadian Journal of Chemistry</i> , 1987 , 65, 798-803	0.9	3
36	(Ph ₃ P) ₂ Rh(SPCy ₂): A complex containing a side-on bonded η^2 -secondary phosphine sulfide anion. <i>Canadian Journal of Chemistry</i> , 1988 , 66, 2647-2651	0.9	3
35	Using frustrated Lewis pairs to explore C-F bond activation. <i>Dalton Transactions</i> , 2020 , 49, 1319-1324	4.3	3
34	PNPCB heterocycles via thermal and Lewis acid catalyzed trans-hydroborations. <i>Dalton Transactions</i> , 2016 , 45, 9229-34	4.3	3

33	The Reactivity of Isomeric Nitrenium Lewis Acids with Phosphines, Carbenes, and Phosphide. <i>Chemistry - A European Journal</i> , 2021 , 27, 2861-2867	4.8	3
32	Reactions of B (o-tolyl) with Boranes: Assembly of the Pentaborane(9), HB[B(o-tolyl)(tH)]. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8532-8536	16.4	3
31	Electron spin relaxation of a boron-containing heterocyclic radical. <i>Journal of Magnetic Resonance</i> , 2017 , 276, 7-13	3	2
30	Preparation and reactivity of a Ru(0) phosphino-carbene complex. <i>Dalton Transactions</i> , 2016 , 45, 1354-8	4.3	2
29	Frustrated Lewis Pair Route to Hydrodesilylation of Silylphosphines. <i>Organometallics</i> , 2013 , 32, 4469-4472	3.2	2
28	Stoichiometric and catalytic isomerization of alkenylboranes using bulky Lewis bases. <i>Chemical Communications</i> , 2017 , 53, 9458-9461	5.8	2
27	Boron Perturbed Click Reactions Prompt Aromatic C-H Activations. <i>Angewandte Chemie</i> , 2014 , 126, 5518-5521	3.5	2
26	Rearrangements of sulphurimide anions: 1,4-bis-(trimethylsilyl)hexasulphur-diimide from heptasulphurimide. <i>Inorganica Chimica Acta</i> , 1981 , 53, L19-L20	2.7	2
25	Selective Catalytic Frustrated Lewis Pair Hydrogenation of CO in the Presence of Silylhalides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25771-25775	16.4	2
24	Insertion reactions of the C-B-N-substituted borinium cation [MesBNPr]. <i>Dalton Transactions</i> , 2020 , 49, 17571-17577	4.3	2
23	Group 13-derived radicals from diimines hydro- and carboalumination reactions. <i>Dalton Transactions</i> , 2020 , 49, 11689-11696	4.3	2
22	Facile Synthesis of Cyanide and Isocyanides from CO. <i>Angewandte Chemie</i> , 2021 , 133, 17102-17106	3.6	2
21	A Primary Acyl Phosphine Stabilized by a Phosphonium Ylide. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18547-18551	16.4	2
20	Bipyridinium and Phenanthroline Dications for Metal-Free Hydrodefluorination: Distinctive Carbon-Based Reactivity. <i>Chemistry - A European Journal</i> , 2021 , 27, 11730-11737	4.8	2
19	Electrophilic boron carboxylate and phosphinate complexes. <i>Dalton Transactions</i> , 2019 , 48, 2038-2045	4.3	1
18	Reactions of iodine-nitrene reagents with boranes. <i>Dalton Transactions</i> , 2015 , 44, 4436-9	4.3	1
17	Electron paramagnetic resonance of a B-containing heterocyclic radical. <i>Journal of Magnetic Resonance</i> , 2018 , 290, 76-84	3	1
16	Frontispiece: Nitrogen-Based Lewis Acids: Synthesis and Reactivity of a Cyclic (Alkyl)(Amino)Nitrenium Cation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57,	16.4	1

15	Hydrofunctionalisation of an Aromatic Triphosphabenzene. <i>Chemistry - A European Journal</i> , 2019 , 25, 12507-12511	4.8	1
14	Single Electron Transfer to Diazomethane Borane Adducts Prompts C-H Bond Activations. <i>Angewandte Chemie</i> , 2019 , 131, 18658-18662	3.6	1
13	Monometallic, homo-, and hetero-bimetallic complexes of a siloxy-bis(phosphinimide) ligand. <i>Canadian Journal of Chemistry</i> , 2006 , 84, 1180-1187	0.9	1
12	Selective Catalytic Frustrated Lewis Pair Hydrogenation of CO ₂ in the Presence of Silylhalides. <i>Angewandte Chemie</i> , 2021 , 133, 25975	3.6	1
11	A Primary Acyl Phosphine Stabilized by a Phosponium Ylide. <i>Angewandte Chemie</i> , 2021 , 133, 18695-18698	3.0	1
10	Oxyphosphoranes as precursors to bridging phosphate-catecholate ligands. <i>Chemical Communications</i> , 2021 , 57, 1194-1197	5.8	1
9	Steric Influence on Reactions of Benzyl Potassium Species with CO. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 3640-3644	4.5	1
8	Titanium-thiolate-Aluminum-carbide Complexes by Multiple C-H Bond Activation 1999 , 38, 3698		1
7	Reactions of B ₂ (o-tolyl) ₄ with Boranes: Assembly of the Pentaborane(9), HB[B(o-tolyl)(H)] ₄ . <i>Angewandte Chemie</i> , 2021 , 133, 8613-8617	3.6	0
6	Boron-Based Frustrated Lewis Pairs in Hydrogenation Catalysis 2019 , 1-27		0
5	Non-conventional Lewis Acids and Bases in Frustrated Lewis Pair Chemistry. <i>Structure and Bonding</i> , 2015 , 1-29	0.9	
4	Titelbild: Heterolytic Activation of H ₂ Using a Mechanically Interlocked Molecule as a Frustrated Lewis Base (Angew. Chem. 3/2013). <i>Angewandte Chemie</i> , 2013 , 125, 803-803	3.6	
3	Rearrangements of phosphinoimines to phosphine-imines in ruthenium chelate complexes. <i>Dalton Transactions</i> , 2012 , 41, 9431-8	4.3	
2	Regelverstoß ein planares Phosponiumion. <i>Angewandte Chemie</i> , 2000 , 112, 511-512	3.6	
1	Frustrated Lewis Pair Catalysis: An Introduction. <i>Molecular Catalysis</i> , 2021 , 1-28	0.3	