

Constantin G Daniliuc

List of Publications by Year in descending order

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654
papers

20,746
citations

12330

69
h-index

30922

102
g-index

752
all docs

752
docs citations

752
times ranked

11370
citing authors

#	ARTICLE	IF	CITATIONS
1	6- <i>Trifluoromethyl</i> -Phenanthridines through Radical Trifluoromethylation of Isonitriles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10792-10795.	13.8	321
2	Cooperative N-Heterocyclic Carbene/Palladium-Catalyzed Enantioselective Umpolung Annulations. <i>Journal of the American Chemical Society</i> , 2016, 138, 7840-7843.	13.7	295
3	General Enantioselective C [~] H Activation with Efficiently Tunable Cyclopentadienyl Ligands. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2429-2434.	13.8	287
4	6-Phosphorylated Phenanthridines from 2-Isocyanobiphenyls via Radical C [~] P and C [~] C Bond Formation. <i>Organic Letters</i> , 2014, 16, 250-253.	4.6	235
5	<i>N</i> -Aminopyridinium Salts as Precursors for N-Centered Radicals – Direct Amidation of Arenes and Heteroarenes. <i>Organic Letters</i> , 2015, 17, 254-257.	4.6	220
6	Highly Enantioselective [5 + 2] Annulations through Cooperative N-Heterocyclic Carbene (NHC) Organocatalysis and Palladium Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 3551-3554.	13.7	212
7	Diastereodivergent synthesis of enantioenriched $\hat{1}\pm, \hat{1}^2$ -disubstituted $\hat{1}^3$ -butyrolactones via cooperative N-heterocyclic carbene and Ir catalysis. <i>Nature Catalysis</i> , 2020, 3, 48-54.	34.4	195
8	N [~] -Heterocyclic Carbene Catalyzed Formal [3+2] Annulation Reaction of Enals: An Efficient Enantioselective Access to Spiro [~] Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10232-10236.	13.8	172
9	Mechanistic Studies on a Cooperative NHC Organocatalysis/Palladium Catalysis System: Uncovering Significant Lessons for Mixed Chiral Pd(NHC)(PR ₃) ₃ Catalyst Design. <i>Journal of the American Chemical Society</i> , 2017, 139, 4443-4451.	13.7	171
10	The C [~] H Activation/1,3 [~] Diene Strategy: Highly Selective Direct Synthesis of Diverse Bisheterocycles by Rh [~] Catalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9650-9654.	13.8	170
11	N-Heterocyclic Carbene Catalyzed Switchable Reactions of Enals with Azoalkenes: Formal [4 + 3] and [4 + 1] Annulations for the Synthesis of 1,2-Diazepines and Pyrazoles. <i>Journal of the American Chemical Society</i> , 2014, 136, 17402-17405.	13.7	168
12	6-Aroylated Phenanthridines via Base Promoted Homolytic Aromatic Substitution (BHAS). <i>Organic Letters</i> , 2013, 15, 6286-6289.	4.6	166
13	Unnatural Amino Acid Synthesis Enabled by the Regioselective Cobalt(III)-Catalyzed Intermolecular Carboamination of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15166-15170.	13.8	165
14	Switchable selectivity in an NHC-catalysed dearomatizing annulation reaction. <i>Nature Chemistry</i> , 2015, 7, 842-847.	13.6	161
15	Redox [~] Neutral Manganese(I)-Catalyzed C [~] H Activation: Traceless Directing Group Enabled Regioselective Annulation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12778-12782.	13.8	160
16	<i>N</i> , <i>N</i> -Addition of Frustrated Lewis Pairs to Nitric Oxide: An Easy Entry to a Unique Family of Aminoxyl Radicals. <i>Journal of the American Chemical Society</i> , 2012, 134, 10156-10168.	13.7	153
17	Stereospecific Formal [3+2] Dipolar Cycloaddition of Cyclopropanes with Nitrosoarenes: An Approach to Isoxazolidines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5964-5968.	13.8	152
18	Reactions of phosphorus/boron frustrated Lewis pairs with SO ₂ . <i>Chemical Science</i> , 2013, 4, 213-219.	7.4	150

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19	Asymmetric Synthesis of Highly Substituted β -Lactones through Oxidative Carbene Catalysis with LiCl as Cooperative Lewis Acid. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9622-9626.	13.8	146
20	Facile Carbon Monoxide Reduction at Intramolecular Frustrated Phosphane/Borane Lewis Pair Templates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2243-2246.	13.8	143
21	Anionic N-heterocyclic Carbenes That Contain a Weakly Coordinating Borate Moiety. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3240-3244.	13.8	140
22	Functional Group Tolerance in Frustrated Lewis Pairs: Hydrogenation of Nitroolefins and Acrylates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5876-5879.	13.8	140
23	Conjugate Umpolung of β,β -Disubstituted Enals by Dual Catalysis with an N-heterocyclic Carbene and a Brønsted Acid: Facile Construction of Contiguous Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10515-10519.	13.8	134
24	Enantioselective, Desymmetrizing Bromolactonization of Alkynes. <i>Journal of the American Chemical Society</i> , 2013, 135, 8133-8136.	13.7	130
25	Formylborane Formation with Frustrated Lewis Pair Templates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1118-1121.	13.8	127
26	Boron-enabled geometric isomerization of alkenes via selective energy-transfer catalysis. <i>Science</i> , 2020, 369, 302-306.	12.6	121
27	Preparation of Imidazolin-2-iminato Molybdenum and Tungsten Benzylidyne Complexes: A New Pathway to Highly Active Alkyne Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2010, 16, 8868-8877.	3.3	120
28	Enantioselective, Catalytic Vicinal Difluorination of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16431-16435.	13.8	119
29	Photochemical intermolecular dearomative cycloaddition of bicyclic azaarenes with alkenes. <i>Science</i> , 2021, 371, 1338-1345.	12.6	119
30	Rare-Earth Metal Alkyl, Amido, and Cyclopentadienyl Complexes Supported by Imidazolin-2-iminato Ligands: Synthesis, Structural Characterization, and Catalytic Application. <i>Inorganic Chemistry</i> , 2010, 49, 2435-2446.	4.0	118
31	General Enantioselective C-H Activation with Efficiently Tunable Cyclopentadienyl Ligands. <i>Angewandte Chemie</i> , 2017, 129, 2469-2474.	2.0	117
32	Palladium-Catalyzed Decarboxylative Heck-Type Coupling of Activated Aliphatic Carboxylic Acids Enabled by Visible Light. <i>Chemistry - A European Journal</i> , 2018, 24, 4552-4555.	3.3	115
33	Dihydrogen Activation by Frustrated Carbene-Borane Lewis Pairs: An Experimental and Theoretical Study of Carbene Variation. <i>Inorganic Chemistry</i> , 2011, 50, 7344-7359.	4.0	114
34	Reactivity of a Frustrated Lewis Pair and Small Molecule Activation by an Isolable Arduengo Carbene $\{B\{3,5-(CF_3)_2\}_2C_6H_3\}_3$ Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 16938-16946.	3.3	114
35	Internal Adduct Formation of Active Intramolecular C ₄ -bridged Frustrated Phosphane/Borane Lewis Pairs. <i>Journal of the American Chemical Society</i> , 2014, 136, 3293-3303.	13.7	113
36	Mild Metal-Free Tandem α -Alkylation/Cyclization of N-Benzyl Carbamates with Simple Olefins. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8656-8660.	13.8	112

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37	Reversible Photochemical Modifications in Dicarbene-Derived Metallacycles with Coumarin Pendants. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4958-4962.	13.8	110
38	Metal-free photosensitized oxyimination of unactivated alkenes with bifunctional oxime carbonates. <i>Nature Catalysis</i> , 2021, 4, 54-61.	34.4	110
39	Contra-Thermodynamic, Photocatalytic $E \rightarrow Z$ Isomerization of Styrenyl Boron Species: Vectors to Facilitate Exploration of Two-Dimensional Chemical Space. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3168-3172.	13.8	109
40	Reactions of a Cationic Geminal Zr ^{+/+} /P Pair with Small Molecules. <i>Journal of the American Chemical Society</i> , 2013, 135, 6465-6476.	13.7	107
41	Cp*Rh(III)/Bicyclic Olefin Cocatalyzed C-H Bond Amidation by Intramolecular Amide Transfer. <i>Journal of the American Chemical Society</i> , 2017, 139, 6506-6512.	13.7	107
42	Lewis Acid Catalyzed Stereoselective Dearomative Coupling of Indolylboron Ate Complexes with Donor-Acceptor Cyclopropanes and Alkyl Halides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4053-4057.	13.8	102
43	Borole Formation by 1,1-Carboboration. <i>Journal of the American Chemical Society</i> , 2014, 136, 68-71.	13.7	101
44	Stereospecific 1,3-Aminobromination of Donor-Acceptor Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11554-11558.	13.8	100
45	Dibenzopentalenes from B(C ₆ F ₅) ₃ -Induced Cyclization Reactions of 1,2-Bis(phenylethynyl)benzenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5992-5996.	13.8	98
46	Ligand-Enabled Enantioselective C-H Activation of Tetrahydroquinolines and Saturated Aza-Heterocycles by Rh ^I . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9950-9954.	13.8	96
47	Carbonylation Reactions of Intramolecular Vicinal Frustrated Phosphane/Borane Lewis Pairs. <i>Journal of the American Chemical Society</i> , 2013, 135, 18567-18574.	13.7	94
48	Efficient Metathesis of Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13019-13022.	13.8	93
49	Rh(I)/NHC*-Catalyzed Site- and Enantioselective Functionalization of C(sp ³)-H Bonds Toward Chiral Triarylmethanes. <i>ACS Catalysis</i> , 2016, 6, 7652-7656.	11.2	93
50	A General Cp*Co ^{III} -Catalyzed Intramolecular C-H Activation Approach for the Efficient Total Syntheses of Aromathecin, Protoberberine, and Tylophora Alkaloids. <i>Chemistry - A European Journal</i> , 2017, 23, 12149-12152.	3.3	91
51	Noninteracting, Vicinal Frustrated P/B-Lewis Pair at the Norbornane Framework: Synthesis, Characterization, and Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 8882-8895.	13.7	89
52	Fixation of carbon dioxide and related small molecules by a bifunctional frustrated pyrazolylborane Lewis pair. <i>Dalton Transactions</i> , 2012, 41, 9101.	3.3	86
53	Manganese(I)-Catalyzed C-H (2-Indolyl)methylation: Expedient Access to Diheteroarylmethanes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1399-1403.	13.8	85
54	Selective heterolytic P-H bond cleavage of white phosphorus by a frustrated carbene-borane Lewis pair. <i>Dalton Transactions</i> , 2010, 39, 10590.	3.3	84

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55	Dehydrogenation reactivity of a frustrated carbene–borane Lewis pair. Dalton Transactions, 2009, , 6927.	3.3	83
56	Combination of Cp*Rh ^{III} -Catalyzed C–H Activation and a Wagner–Meerwein Type Rearrangement. Angewandte Chemie - International Edition, 2017, 56, 1381-1384.	13.8	83
57	Discovery of Unforeseen Energy-Transfer-Based Transformations Using a Combined Screening Approach. Chem, 2019, 5, 2183-2194.	11.7	83
58	Oxidative N-Heterocyclic Carbene Catalyzed Dearomatization of Indoles to Spirocyclic Indolenines with a Quaternary Carbon Stereocenter. Angewandte Chemie - International Edition, 2017, 56, 7402-7406.	13.8	82
59	Cooperative NHC/Photoredox Catalyzed Ring-Opening of Aryl Cyclopropanes to 1-Aroyloxy-2-acylated Alkanes. Angewandte Chemie - International Edition, 2021, 60, 25252-25257.	13.8	82
60	Remarkable coordination behavior of alkyl isocyanides toward unsaturated vicinal frustrated P/B Lewis pairs. Chemical Science, 2013, 4, 2657.	7.4	81
61	Highly Enantioselective Intermolecular Stetter Reaction of Simple Acrylates: Synthesis of β -Chiral β -Ketoesters. Chemistry - A European Journal, 2012, 18, 16297-16301.	3.3	79
62	Oxidative Addition to Gold(I) by Photoredox Catalysis: Straightforward Access to Diverse (<i>C</i> , <i>N</i>)-Cyclometalated Gold(III) Complexes. Chemistry - A European Journal, 2016, 22, 11587-11592.	3.3	78
63	Aroyl Fluorides as Bifunctional Reagents for Dearomatizing Fluoroarylation of Benzofurans. Journal of the American Chemical Society, 2022, 144, 7072-7079.	13.7	78
64	Enantioselective Synthesis of Substituted β -Lactones by Cooperative Oxidative N-Heterocyclic Carbene and Lewis Acid Catalysis. Organic Letters, 2015, 17, 4940-4943.	4.6	77
65	Efficient Synthesis of Arylated Furans by a Sequential Rh-Catalyzed Arylation and Cycloisomerization of Cyclopropenes. Angewandte Chemie - International Edition, 2018, 57, 1712-1716.	13.8	77
66	Non-Directed Cross-Dehydrogenative (Hetero)arylation of Allylic C(sp ³)–H bonds enabled by C–H Activation. Angewandte Chemie - International Edition, 2018, 57, 15248-15252.	13.8	75
67	Radical aminooxygenation of alkenes with N-fluoro-benzenesulfonimide (NFSI) and TEMPO. Chemical Communications, 2015, 51, 5706-5709.	4.1	72
68	Metal center dependent coordination modes of a tricarbene ligand. Chemical Communications, 2013, 49, 1011-1013.	4.1	71
69	Deconstructing the Catalytic, <i>Vicinal</i> Difluorination of Alkenes: HF-Free Synthesis and Structural Study of <i>p</i> -TollF ₂ . Journal of Organic Chemistry, 2017, 82, 11792-11798.	3.2	71
70	Efficient and Long-Time Stable Red Iridium(III) Complexes for Organic Light-Emitting Diodes Based on Quinoxaline Ligands. Inorganic Chemistry, 2010, 49, 397-406.	4.0	70
71	N-Heterocyclic Carbene Catalyzed Umpolung of Styrenes: Mechanistic Elucidation and Selective Tail-to-Tail Dimerization. Organic Letters, 2014, 16, 3134-3137.	4.6	70
72	NHC-Catalyzed Enantioselective Dearomatizing Hydroacylation of Benzofurans and Benzothiophenes for the Synthesis of Spirocycles. ACS Catalysis, 2016, 6, 5735-5739.	11.2	70

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73	Synthesis of All-Carbon Quaternary Centers by Palladium-Catalyzed Olefin Dicarbofunctionalization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2375-2379.	13.8	70
74	Enantioselective Intramolecular Hydroacylation of Unactivated Alkenes: An NHC-Catalyzed Robust and Versatile Formation of Cyclic Chiral Ketones. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12492-12496.	13.8	68
75	Direct Dearomatization of Pyridines via an Energy-Transfer-Catalyzed Intramolecular [4+2] Cycloaddition. <i>CheM</i> , 2019, 5, 2854-2864.	11.7	68
76	Gadolinium Photocatalysis: Dearomative [2+2] Cycloaddition/Ring-Expansion Sequence with Indoles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9639-9645.	13.8	68
77	Phosphido- and Amidozirconocene Cation-Based Frustrated Lewis Pair Chemistry. <i>Journal of the American Chemical Society</i> , 2015, 137, 10796-10808.	13.7	67
78	Synthesis and Structure of Rare-Earth-Metal Dicarbollide Complexes with an Imidazolin-2-iminato Ligand Featuring Very Short Metal-Nitrogen Bonds. <i>Organometallics</i> , 2011, 30, 1122-1129.	2.3	66
79	$\hat{\text{I}}\pm\text{-CH}$ acidity of alkyl-B(C ₆ F ₅) ₂ compounds – the role of stabilized borata-alkene formation in frustrated Lewis pair chemistry. <i>Chemical Science</i> , 2015, 6, 816-825.	7.4	66
80	Computational and experimental investigations of CO ₂ and N ₂ O fixation by sterically demanding N-heterocyclic carbenes (NHC) and NHC/borane FLP systems. <i>Dalton Transactions</i> , 2014, 43, 1651-1662.	3.3	65
81	Frustrated Lewis Pair Modification by 1,1-Carbaboration: Disclosure of a Phosphine Oxide Triggered Nitrogen Monoxide Addition to an Intramolecular P/B Frustrated Lewis Pair. <i>Journal of the American Chemical Society</i> , 2014, 136, 9014-9027.	13.7	65
82	Synthesis, QSAR and anticandidal evaluation of 1,2,3-triazoles derived from naturally bioactive scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 246-254.	5.5	63
83	Asymmetric Hydrogenation of Vinylthioethers: Access to Optically Active 1,5-Benzothiazepine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3300-3303.	13.8	63
84	Oxidative Addition of 2-Halogenoazoles-Direct Synthesis of Palladium(II) Complexes Bearing Protic NH,NH-Functionalized NHC Ligands. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1163-1166.	13.8	62
85	Stereoselective Lewis base catalyzed formal 1,3-dipolar cycloaddition of azomethine imines with mixed anhydrides. <i>Chemical Science</i> , 2015, 6, 1252-1257.	7.4	62
86	Multicomponent 1,3-Bifunctionalization of Donor-Acceptor Cyclopropanes with Arenes and Nitrosoarenes. <i>Organic Letters</i> , 2016, 18, 5576-5579.	4.6	62
87	Formation of Unsaturated Vicinal Zr ^{+/P} Frustrated Lewis Pairs by the Unique 1,1-Carbozirconation Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 12431-12443.	13.7	60
88	Efficient Catalytic Alkyne Metathesis with a Tri(<i>tert</i> -butoxy)silanolate-Supported Tungsten Benzylidyne Complex. <i>ChemCatChem</i> , 2011, 3, 115-118.	3.7	59
89	Electronic control in frustrated Lewis pair chemistry: adduct formation of intramolecular FLP systems with $\hat{\text{P}}(\text{C}_6\text{F}_5)_2$ Lewis base components. <i>Dalton Transactions</i> , 2013, 42, 4487.	3.3	59
90	Intramolecular heterolytic dihydrogen cleavage by a bifunctional frustrated pyrazolylborane Lewis pair. <i>Chemical Communications</i> , 2010, 46, 8561.	4.1	57

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91	Anomalous Staudinger reaction at intramolecular frustrated Pâ€“B Lewis pair frameworks. <i>Chemical Communications</i> , 2012, 48, 11739.	4.1	57
92	How big is a Cp? Cycloheptatrienyl zirconium complexes with bulky cyclopentadienyl and indenyl ligands. <i>Dalton Transactions</i> , 2012, 41, 6614.	3.3	57
93	Synthese nichtnatÃ¼rlicher AminosÃ¼uren durch die regioselektive Cobalt(III)-katalysierte intermolekulare Carboaminierung von Alkenen. <i>Angewandte Chemie</i> , 2016, 128, 15391-15395.	2.0	56
94	The Chemistry of a Nonâ€“Interacting Vicinal Frustrated Phosphane/Borane Lewis Pair. <i>Chemistry - A European Journal</i> , 2017, 23, 6056-6068.	3.3	56
95	Heterobifunctional Rotaxanes for Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5102-5107.	13.8	56
96	Radical Carbonyl Propargylation by Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2464-2471.	13.8	56
97	From a Cycloheptatrienylzirconium Allyl Complex to a Cycloheptatrienylzirconium Imidazolin-2-iminato â€“Pogo Stickâ€“Complex with Imido-Type Reactivity. <i>Inorganic Chemistry</i> , 2012, 51, 4368-4378.	4.0	55
98	Construction of Polycyclic Î³-Lactams and Related Heterocycles via Electron Catalysis. <i>Organic Letters</i> , 2016, 18, 6372-6375.	4.6	55
99	Stoichiometric Reactions and Catalytic Hydrogenation with a Reactive Intramolecular Zr ^{IV} /Amine Frustrated Lewis Pair. <i>Journal of the American Chemical Society</i> , 2015, 137, 4550-4557.	13.7	54
100	Enantioselective Synthesis of the Spirotropanyl Oxindole Scaffold through Bimetallic Relay Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14493-14497.	13.8	54
101	Direct Conversion of Alcohols to Î±-Chloro Aldehydes and Î±-Chloro Ketones. <i>Organic Letters</i> , 2014, 16, 4932-4935.	4.6	53
102	Design of Ru(II)-NHC-Diamine Precatalysts Directed by Ligand Cooperation: Applications and Mechanistic Investigations for Asymmetric Hydrogenation. <i>Journal of the American Chemical Society</i> , 2020, 142, 7100-7107.	13.7	53
103	Annulation of <i>trans</i> -Quinodimethanes through N-Heterocyclic Carbene Catalysis for the Synthesis of 1-Isoschromanones. <i>Organic Letters</i> , 2016, 18, 4444-4447.	4.6	52
104	Direct Access to Monoprotected Homoallylic 1,2-Diols via Dual Chromium/Photoredox Catalysis. <i>ACS Catalysis</i> , 2020, 10, 11841-11847.	11.2	52
105	Colour-tunable asymmetric cyclometalated Pt(II) complexes and STM-assisted stability assessment of ancillary ligands for OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2560-2565.	5.5	51
106	Metal-Free Arene and Heteroarene Borylation Catalyzed by Strongly Electrophilic Bisboranes. <i>Chemistry - A European Journal</i> , 2017, 23, 12141-12144.	3.3	51
107	Selective Lithiation and Phosphane-Functionalization of [(Î² ⁷ -C ₇ H ₇)Ti(Î² ⁵ -C ₅ H ₅) ₂] (Troticene) and Its Use for the Preparation of Early-Late Heterobimetallic Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 17014-17023.	13.7	50
108	Hydrogen Activation by an Intramolecular Boron Lewis Acid/Zirconocene Pair. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8830-8833.	13.8	50

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109	Synthesis of Complexes with Protic NH,NH-NHC Ligands via Oxidative Addition of 2-Halogenoazoles to Zero-Valent Transition Metals. <i>Organometallics</i> , 2014, 33, 6975-6987.	2.3	50
110	Oxidative C-H Bond Functionalization and Ring Expansion with TMSCHN ₂ : A Copper(I)-Catalyzed Approach to Dibenzoxepines and Dibenzoazepines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5049-5053.	13.8	50
111	Tetrahydroquinolines via Stereospecific [3 + 3]-Annulation of Donor-Acceptor Cyclopropanes with Nitrosoarenes. <i>Organic Letters</i> , 2016, 18, 2784-2787.	4.6	50
112	CO-Reduction Chemistry: Reaction of a CO-Derived Formylhydridoborate with Carbon Monoxide, with Carbon Dioxide, and with Dihydrogen. <i>Journal of the American Chemical Society</i> , 2017, 139, 6474-6483.	13.7	50
113	Borane-Catalyzed Synthesis of Quinolines Bearing Tetrasubstituted Stereocenters by Hydride Abstraction-Induced Electrocyclization. <i>Chemistry - A European Journal</i> , 2018, 24, 16287-16291.	3.3	50
114	Scanning Tunneling Spectroscopy-Directed Design of Tailored Deep-Blue Emitters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 786-791.	13.8	49
115	Tungsten alkylidyne complexes with ancillary imidazolin-2-iminato and imidazolidin-2-iminato ligands and their use in catalytic alkyne metathesis. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 7-14.	1.8	48
116	Facile 1,1-Carboboration Reactions of Acetylenic Thioethers. <i>Organometallics</i> , 2013, 32, 384-386.	2.3	48
117	Durch N-heterocyclische Carbene katalysierte formale [3+2]-Anellierungen von Enalen: enantioselektiver Zugang zu Spiroheterocyclen. <i>Angewandte Chemie</i> , 2014, 126, 10397-10401.	2.0	47
118	The frustrated Lewis pair pathway to methylene phosphonium systems. <i>Chemical Science</i> , 2014, 5, 797-803.	7.4	47
119	Enantioselective Aziridination of Cyclic Enals Facilitated by the Fluorine-Minium Ion <i>Gauche</i> Effect. <i>Chemistry - A European Journal</i> , 2014, 20, 794-800.	3.3	47
120	Novel 1,2,4-oxadiazoles and trifluoromethylpyridines related to natural products: synthesis, structural analysis and investigation of their antitumor activity. <i>Tetrahedron</i> , 2016, 72, 1185-1199.	1.9	46
121	Selective Oxidation of an Active Intramolecular Amine/Borane Frustrated Lewis Pair with Dioxygen. <i>Journal of the American Chemical Society</i> , 2016, 138, 4302-4305.	13.7	46
122	Natural Product-Based 1,2,3-Triazole/Sulfonate Analogues as Potential Chemotherapeutic Agents for Bacterial Infections. <i>ACS Omega</i> , 2018, 3, 6912-6930.	3.5	46
123	1,1-Carbozirconation: Unusual Reaction of an Alkyne with a Methyl Zirconocene Cation and Subsequent Frustrated Lewis Pair Like Reactivity. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13629-13632.	13.8	45
124	Catalytic <i>Vicinal</i> Dichlorination of Unactivated Alkenes. <i>ACS Catalysis</i> , 2019, 9, 7232-7237.	11.2	44
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#	ARTICLE	IF	CITATIONS
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