Constantin G Daniliuc

List of Publications by Citations

634 papers	15,593 citations	61 h-index	90 g-index
752 ext. papers	18,440 ext. citations	6.8 avg, IF	7.3 L-index

#	Paper	IF	Citations
634	6-Trifluoromethyl-phenanthridines through radical trifluoromethylation of isonitriles. *Angewandte Chemie - International Edition*, **2013**, 52, 10792-5	16.4	284
633	General Enantioselective C-H Activation with Efficiently Tunable Cyclopentadienyl Ligands. *Angewandte Chemie - International Edition*, **2017**, 56, 2429-2434	16.4	223
632	Cooperative N-Heterocyclic Carbene/Palladium-Catalyzed Enantioselective Umpolung Annulations. *Journal of the American Chemical Society*, **2016**, 138, 7840-3	16.4	222
631	6-Phosphorylated phenanthridines from 2-isocyanobiphenyls via radical C-P and C-C bond formation. *Organic Letters*, **2014**, 16, 250-3	6.2	205
630	N-aminopyridinium salts as precursors for N-centered radicals--direct amidation of arenes and heteroarenes. *Organic Letters*, **2015**, 17, 254-7	6.2	164
629	Highly Enantioselective [5 + 2] Annulations through Cooperative N-Heterocyclic Carbene (NHC) Organocatalysis and Palladium Catalysis. *Journal of the American Chemical Society*, **2018**, 140, 3551-3554	16.4	154
628	N-heterocyclic carbene catalyzed formal [3+2] annulation reaction of enals: an efficient enantioselective access to spiro-heterocycles. *Angewandte Chemie - International Edition*, **2014**, 53, 10232-6	16.4	147
627	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. *Journal of the American Chemical Society*, **2014**, 136, 17402-5	16.4	147
626	N,N-addition of frustrated Lewis pairs to nitric oxide: an easy entry to a unique family of aminoxyl radicals. *Journal of the American Chemical Society*, **2012**, 134, 10156-68	16.4	147
625	6-Aroylated phenanthridines via base promoted homolytic aromatic substitution (BHAS). *Organic Letters*, **2013**, 15, 6286-9	6.2	145
624	The C-H activation/1,3-diyne strategy: highly selective direct synthesis of diverse bisheterocycles by Rh(III) catalysis. *Angewandte Chemie - International Edition*, **2014**, 53, 9650-4	16.4	142
623	Asymmetric synthesis of highly substituted □lactones through oxidative carbene catalysis with LiCl as cooperative Lewis acid. *Angewandte Chemie - International Edition*, **2014**, 53, 9622-6	16.4	135
622	Switchable selectivity in an NHC-catalysed dearomatizing annulation reaction. *Nature Chemistry*, **2015**, 7, 842-7	17.6	134
621	Reactions of phosphorus/boron frustrated Lewis pairs with SO2. *Chemical Science*, **2013**, 4, 213-219	9.4	132
620	Facile carbon monoxide reduction at intramolecular frustrated phosphane/borane Lewis pair templates. *Angewandte Chemie - International Edition*, **2013**, 52, 2243-6	16.4	132
619	Unnatural Amino Acid Synthesis Enabled by the Regioselective Cobalt(III)-Catalyzed Intermolecular Carboamination of Alkenes. *Angewandte Chemie - International Edition*, **2016**, 55, 15166-15170	16.4	131
618	Redox-Neutral Manganese(I)-Catalyzed C-H Activation: Traceless Directing Group Enabled Regioselective Annulation. *Angewandte Chemie - International Edition*, **2017**, 56, 12778-12782	16.4	130

617	Mechanistic Studies on a Cooperative NHC Organocatalysis/Palladium Catalysis System: Uncovering Significant Lessons for Mixed Chiral Pd(NHC)(PR) Catalyst Design. *Journal of the American Chemical Society*, **2017**, 139, 4443-4451	16.4	127
616	Stereospecific formal [3+2] dipolar cycloaddition of cyclopropanes with nitrosoarenes: an approach to isoxazolidines. *Angewandte Chemie - International Edition*, **2014**, 53, 5964-8	16.4	122
615	Functional-group tolerance in frustrated Lewis pairs: hydrogenation of nitroolefins and acrylates. *Angewandte Chemie - International Edition*, **2013**, 52, 5876-9	16.4	121
614	Anionic N-heterocyclic carbenes that contain a weakly coordinating borate moiety. *Angewandte Chemie - International Edition*, **2012**, 51, 3240-4	16.4	118
613	Formylborane formation with frustrated Lewis pair templates. *Angewandte Chemie - International Edition*, **2014**, 53, 1118-21	16.4	115
612	Conjugate umpolung of □disubstituted enals by dual catalysis with an N-heterocyclic carbene and a Br□sted acid: facile construction of contiguous quaternary stereocenters. *Angewandte Chemie - International Edition*, **2014**, 53, 10515-9	16.4	115
611	General Enantioselective C□H Activation with Efficiently Tunable Cyclopentadienyl Ligands. *Angewandte Chemie*, **2017**, 129, 2469-2474	3.6	109
610	Preparation of imidazolin-2-iminato molybdenum and tungsten benzylidyne complexes: a new pathway to highly active alkyne metathesis catalysts. *Chemistry - A European Journal*, **2010**, 16, 8868-77	4.8	108
609	Enantioselective, desymmetrizing bromolactonization of alkynes. *Journal of the American Chemical Society*, **2013**, 135, 8133-6	16.4	107
608	Dihydrogen activation by frustrated carbene-borane Lewis pairs: an experimental and theoretical study of carbene variation. *Inorganic Chemistry*, **2011**, 50, 7344-59	5.1	104
607	Rare-earth metal alkyl, amido, and cyclopentadienyl complexes supported by imidazolin-2-iminato ligands: synthesis, structural characterization, and catalytic application. *Inorganic Chemistry*, **2010**, 49, 2435-46	5.1	104
606	Reactivity of a frustrated lewis pair and small-molecule activation by an isolable Arduengo carbene-B{3,5-(CF3)2C6H3}3 complex. *Chemistry - A European Journal*, **2012**, 18, 16938-46	4.8	98
605	Reversible photochemical modifications in dicarbene-derived metallacycles with coumarin pendants. *Angewandte Chemie - International Edition*, **2015**, 54, 4958-62	16.4	96
604	Internal adduct formation of active intramolecular C4-bridged frustrated phosphane/borane Lewis pairs. *Journal of the American Chemical Society*, **2014**, 136, 3293-303	16.4	96
603	Mild metal-free tandem □alkylation/cyclization of N-benzyl carbamates with simple olefins. *Angewandte Chemie - International Edition*, **2012**, 51, 8656-60	16.4	96
602	Cp*Rh(III)/Bicyclic Olefin Cocatalyzed C-H Bond Amidation by Intramolecular Amide Transfer. *Journal of the American Chemical Society*, **2017**, 139, 6506-6512	16.4	93
601	Dibenzopentalenes from B(C6F5)3-induced cyclization reactions of 1,2-bis(phenylethynyl)benzenes. *Angewandte Chemie - International Edition*, **2013**, 52, 5992-6	16.4	90
600	Reactions of a cationic geminal Zr+/P pair with small molecules. *Journal of the American Chemical Society*, **2013**, 135, 6465-76	16.4	89

599	Diastereodivergent synthesis of enantioenriched ,-disubstituted -butyrolactones via cooperative N-heterocyclic carbene and Ir catalysis. *Nature Catalysis*, **2020**, 3, 48-54	36.5	89
598	Enantioselective, Catalytic Vicinal Difluorination of Alkenes. *Angewandte Chemie - International Edition*, **2018**, 57, 16431-16435	16.4	89
597	Borole formation by 1,1-carboboration. *Journal of the American Chemical Society*, **2014**, 136, 68-71	16.4	87
596	Lewis Acid Catalyzed Stereoselective Dearomative Coupling of Indolylboron Ate Complexes with Donor-Acceptor Cyclopropanes and Alkyl Halides. *Angewandte Chemie - International Edition*, **2018**, 57, 4053-4057	16.4	86
595	Stereospecific 1,3-Aminobromination of Donor-Acceptor Cyclopropanes. *Angewandte Chemie - International Edition*, **2017**, 56, 11554-11558	16.4	84
594	Carbonylation reactions of intramolecular vicinal frustrated phosphane/borane Lewis pairs. *Journal of the American Chemical Society*, **2013**, 135, 18567-74	16.4	83
593	Dehydrogenation reactivity of a frustrated carbene-borane Lewis pair. *Dalton Transactions*, **2009**, 6927-9	4.3	83
592	Palladium-Catalyzed Decarboxylative Heck-Type Coupling of Activated Aliphatic Carboxylic Acids Enabled by Visible Light. *Chemistry - A European Journal*, **2018**, 24, 4552-4555	4.8	81
591	Contra-Thermodynamic, Photocatalytic E- Isomerization of Styrenyl Boron Species: Vectors to Facilitate Exploration of Two-Dimensional Chemical Space. *Angewandte Chemie - International Edition*, **2018**, 57, 3168-3172	16.4	79
590	Noninteracting, vicinal frustrated P/B-Lewis pair at the norbornane framework: synthesis, characterization, and reactions. *Journal of the American Chemical Society*, **2013**, 135, 8882-95	16.4	79
589	Selective heterolytic P-P bond cleavage of white phosphorus by a frustrated carbene-borane Lewis pair. *Dalton Transactions*, **2010**, 39, 10590-2	4.3	78
588	Combination of Cp*Rh -Catalyzed C-H Activation and a Wagner-Meerwein-Type Rearrangement. *Angewandte Chemie - International Edition*, **2017**, 56, 1381-1384	16.4	75
587	Remarkable coordination behavior of alkyl isocyanides toward unsaturated vicinal frustrated P/B Lewis pairs. *Chemical Science*, **2013**, 4, 2657	9.4	75
586	Efficient metathesis of terminal alkynes. *Angewandte Chemie - International Edition*, **2012**, 51, 13019-22	16.4	75
585	Fixation of carbon dioxide and related small molecules by a bifunctional frustrated pyrazolylborane Lewis pair. *Dalton Transactions*, **2012**, 41, 9101-10	4.3	75
584	Rh(I)/NHC*-Catalyzed Site- and Enantioselective Functionalization of C(sp3)H Bonds Toward Chiral Triarylmethanes. *ACS Catalysis*, **2016**, 6, 7652-7656	13.1	73
583	Enantioselective Synthesis of Substituted Lactones by Cooperative Oxidative N-Heterocyclic Carbene and Lewis Acid Catalysis. *Organic Letters*, **2015**, 17, 4940-3	6.2	71
582	Highly enantioselective intermolecular Stetter reaction of simple acrylates: synthesis of chiral -ketoesters. *Chemistry - A European Journal*, **2012**, 18, 16297-301	4.8	70

581	Manganese(I)-Catalyzed C-H (2-Indolyl)methylation: Expedient Access to Diheteroarylmethanes. *Angewandte Chemie - International Edition*, **2018**, 57, 1399-1403	16.4	69
580	A General Cp*Co -Catalyzed Intramolecular C-H Activation Approach for the Efficient Total Syntheses of Aromathecin, Protoberberine, and Tylophora Alkaloids. *Chemistry - A European Journal* , **2017**, 23, 12149-12152	4.8	68
579	Oxidative N-Heterocyclic Carbene Catalyzed Dearomatization of Indoles to Spirocyclic Indolenines with a Quaternary Carbon Stereocenter. *Angewandte Chemie - International Edition*, **2017**, 56, 7402-7406	16.4	66
578	Efficient Synthesis of Arylated Furans by a Sequential Rh-Catalyzed Arylation and Cycloisomerization of Cyclopropenes. *Angewandte Chemie - International Edition*, **2018**, 57, 1712-1716	16.4	66
577	Oxidative Addition to Gold(I) by Photoredox Catalysis: Straightforward Access to Diverse (C,N)-Cyclometalated Gold(III) Complexes. *Chemistry - A European Journal*, **2016**, 22, 11587-92	4.8	66
576	Efficient and long-time stable red iridium(III) complexes for organic light-emitting diodes based on quinoxaline ligands. *Inorganic Chemistry*, **2010**, 49, 397-406	5.1	64
575	Ligand-Enabled Enantioselective Csp3 -H Activation of Tetrahydroquinolines and Saturated Aza-Heterocycles by Rh. *Angewandte Chemie - International Edition*, **2018**, 57, 9950-9954	16.4	63
574	Metal center dependent coordination modes of a tricarbene ligand. *Chemical Communications*, **2013**, 49, 1011-3	5.8	62
573	NHC-Catalyzed Enantioselective Dearomatizing Hydroacylation of Benzofurans and Benzothiophenes for the Synthesis of Spirocycles. *ACS Catalysis*, **2016**, 6, 5735-5739	13.1	61
572	Enantioselective intramolecular hydroacylation of unactivated alkenes: an NHC-catalyzed robust and versatile formation of cyclic chiral ketones. *Angewandte Chemie - International Edition*, **2015**, 54, 12492-6	16.4	60
571	Synthesis and Structure of Rare-Earth-Metal Dicarbollide Complexes with an Imidazolin-2-iminato Ligand Featuring Very Short Metal□Nitrogen Bonds. *Organometallics*, **2011**, 30, 1122-1129	3.8	59
570	Radical aminooxygenation of alkenes with N-fluoro-benzenesulfonimide (NFSI) and TEMPONa. *Chemical Communications*, **2015**, 51, 5706-9	5.8	58
569	Frustrated Lewis pair modification by 1,1-carboboration: disclosure of a phosphine oxide triggered nitrogen monoxide addition to an intramolecular P/B frustrated Lewis pair. *Journal of the American Chemical Society*, **2014**, 136, 9014-27	16.4	57
568	Facile Carbon Monoxide Reduction at Intramolecular Frustrated Phosphane/Borane Lewis Pair Templates. *Angewandte Chemie*, **2013**, 125, 2299-2302	3.6	57
567	Non-Directed Cross-Dehydrogenative (Hetero)arylation of Allylic C(sp)-H bonds enabled by C-H Activation. *Angewandte Chemie - International Edition*, **2018**, 57, 15248-15252	16.4	56
566	N-heterocyclic carbene catalyzed umpolung of styrenes: mechanistic elucidation and selective tail-to-tail dimerization. *Organic Letters*, **2014**, 16, 3134-7	6.2	56
565	Asymmetric Hydrogenation of Vinylthioethers: Access to Optically Active 1,5-Benzothiazepine Derivatives. *Angewandte Chemie - International Edition*, **2016**, 55, 3300-3	16.4	56
564	Phosphido- and Amidozirconocene Cation-Based Frustrated Lewis Pair Chemistry. *Journal of the American Chemical Society*, **2015**, 137, 10796-808	16.4	55

563	Toleranz gegenüber funktionellen Gruppen bei frustrierten Lewis-Paaren: Hydrierung von Nitroolefinen und Acrylaten. *Angewandte Chemie*, **2013**, 125, 5989-5992	3.6	55
562	CH acidity of alkyl-B(CF) compounds - the role of stabilized borata-alkene formation in frustrated Lewis pair chemistry. *Chemical Science*, **2015**, 6, 816-825	9.4	54
561	Oxidative addition of 2-halogenoazoles-direct synthesis of palladium(II) complexes bearing protic NH,NH-functionalized NHC ligands. *Angewandte Chemie - International Edition*, **2014**, 53, 1163-6	16.4	54
560	Formylborane Formation with Frustrated Lewis Pair Templates. *Angewandte Chemie*, **2014**, 126, 1136-1139	3.6	54
559	Boron-enabled geometric isomerization of alkenes via selective energy-transfer catalysis. *Science*, **2020**, 369, 302-306	33.3	53
558	Synthesis, QSAR and anticandidal evaluation of 1,2,3-triazoles derived from naturally bioactive scaffolds. *European Journal of Medicinal Chemistry*, **2015**, 93, 246-54	6.8	52
557	From a cycloheptatrienylzirconium allyl complex to a cycloheptatrienylzirconium imidazolin-2-iminato "pogo stick" complex with imido-type reactivity. *Inorganic Chemistry*, **2012**, 51, 4368-78	5.1	52
556	Efficient Catalytic Alkyne Metathesis with a Tri(tert-butoxy)silanolate-Supported Tungsten Benzylidyne Complex. *ChemCatChem*, **2011**, 3, 115-118	5.2	52
555	Electronic control in frustrated Lewis pair chemistry: adduct formation of intramolecular FLP systems with -P(C(6)F(5))(2) Lewis base components. *Dalton Transactions*, **2013**, 42, 4487-99	4.3	51
554	How big is a Cp? Cycloheptatrienyl zirconium complexes with bulky cyclopentadienyl and indenyl ligands. *Dalton Transactions*, **2012**, 41, 6614-24	4.3	51
553	Intramolecular heterolytic dihydrogen cleavage by a bifunctional frustrated pyrazolylborane Lewis pair. *Chemical Communications*, **2010**, 46, 8561-3	5.8	51
552	Stereoselective Lewis base catalyzed formal 1,3-dipolar cycloaddition of azomethine imines with mixed anhydrides. *Chemical Science*, **2015**, 6, 1252-1257	9.4	50
551	Formation of unsaturated vicinal Zr(+)/P frustrated Lewis pairs by the unique 1,1-carbozirconation reactions. *Journal of the American Chemical Society*, **2014**, 136, 12431-43	16.4	50
550	Multicomponent 1,3-Bifunctionalization of Donor-Acceptor Cyclopropanes with Arenes and Nitrosoarenes. *Organic Letters*, **2016**, 18, 5576-5579	6.2	48
549	Stereospecific Formal [3+2] Dipolar Cycloaddition of Cyclopropanes with Nitrosoarenes: An Approach to Isoxazolidines. *Angewandte Chemie*, **2014**, 126, 6074-6078	3.6	48
548	Computational and experimental investigations of CO2 and N2O fixation by sterically demanding N-heterocyclic carbenes (NHC) and NHC/borane FLP systems. *Dalton Transactions*, **2014**, 43, 1651-62	4.3	48
547	Stoichiometric reactions and catalytic hydrogenation with a reactive intramolecular Zr(+)/amine frustrated Lewis pair. *Journal of the American Chemical Society*, **2015**, 137, 4550-7	16.4	47
546	Synthese nichtnatürlicher Aminosäuren durch die regioselektive Cobalt(III)-katalysierte intermolekulare Carboaminierung von Alkenen. *Angewandte Chemie*, **2016**, 128, 15391-15395	3.6	47

545	Anomalous Staudinger reaction at intramolecular frustrated P-B Lewis pair frameworks. *Chemical Communications*, **2012**, 48, 11739-41	5.8	47
544	Construction of Polycyclic β-Lactams and Related Heterocycles via Electron Catalysis. *Organic Letters*, **2016**, 18, 6372-6375	6.2	47
543	Deconstructing the Catalytic, Vicinal Difluorination of Alkenes: HF-Free Synthesis and Structural Study of p-TolIF. *Journal of Organic Chemistry*, **2017**, 82, 11792-11798	4.2	46
542	The Chemistry of a Non-Interacting Vicinal Frustrated Phosphane/Borane Lewis Pair. *Chemistry - A European Journal*, **2017**, 23, 6056-6068	4.8	45
541	Metal-free photosensitized oxyimination of unactivated alkenes with bifunctional oxime carbonates. *Nature Catalysis*, **2021**, 4, 54-61	36.5	45
540	Gadolinium Photocatalysis: Dearomative [2+2] Cycloaddition/Ring-Expansion Sequence with Indoles. *Angewandte Chemie - International Edition*, **2020**, 59, 9639-9645	16.4	44
539	Selective lithiation and phosphane-functionalization of [(eta(7)-C7H7)Ti(eta(5)-C5H5)] (troticene) and its use for the preparation of early-late heterobimetallic complexes. *Journal of the American Chemical Society*, **2009**, 131, 17014-23	16.4	44
538	Discovery of Unforeseen Energy-Transfer-Based Transformations Using a Combined Screening Approach. *CheM*, **2019**, 5, 2183-2194	16.2	43
537	The frustrated Lewis pair pathway to methylene phosphonium systems. *Chemical Science*, **2014**, 5, 797-803	9.4	43
536	Durch N-heterocyclische Carbene katalysierte formale [3+2]-Anellierungen von Enalen: enantioselektiver Zugang zu Spiroheterocyclen. *Angewandte Chemie*, **2014**, 126, 10397-10401	3.6	43
535	Asymmetric Synthesis of Highly Substituted β-Lactones through Oxidative Carbene Catalysis with LiCl as Cooperative Lewis Acid. *Angewandte Chemie*, **2014**, 126, 9776-9780	3.6	43
534	Hydrogen activation by an intramolecular boron Lewis acid/zirconocene pair. *Angewandte Chemie - International Edition*, **2012**, 51, 8830-3	16.4	43
533	Enantioselective aziridination of cyclic enals facilitated by the fluorine-iminium ion gauche effect. *Chemistry - A European Journal*, **2014**, 20, 794-800	4.8	42
532	Synthesis of Complexes with Protic NH,NH-NHC Ligands via Oxidative Addition of 2-Halogenoazoles to Zero-Valent Transition Metals. *Organometallics*, **2014**, 33, 6975-6987	3.8	42
531	Tungsten alkylidyne complexes with ancillary imidazolin-2-iminato and imidazolidin-2-iminato ligands and their use in catalytic alkyne metathesis. *Journal of Organometallic Chemistry*, **2013**, 744, 7-14	2.3	41
530	Facile 1,1-Carboboration Reactions of Acetylenic Thioethers. *Organometallics*, **2013**, 32, 384-386	3.8	41
529	Annulation of o-Quinodimethanes through N-Heterocyclic Carbene Catalysis for the Synthesis of 1-Isochromanones. *Organic Letters*, **2016**, 18, 4444-7	6.2	40
528	Borata-alkene derivatives conveniently made by frustrated Lewis pair chemistry. *Dalton Transactions*, **2014**, 43, 632-8	4.3	40

527	Phosphoraneiminato tungsten alkylidyne complexes as highly efficient alkyne metathesis catalysts. *Journal of Organometallic Chemistry*, **2011**, 696, 4147-4151	2.3	40
526	Tetrahydroquinolines via Stereospecific [3 + 3]-Annulation of Donor-Acceptor Cyclopropanes with Nitrosoarenes. *Organic Letters*, **2016**, 18, 2784-7	6.2	40
525	CO-Reduction Chemistry: Reaction of a CO-Derived Formylhydridoborate with Carbon Monoxide, with Carbon Dioxide, and with Dihydrogen. *Journal of the American Chemical Society*, **2017**, 139, 6474-6483	16.4	39
524	Direct conversion of alcohols to □-chloro aldehydes and □-chloro ketones. *Organic Letters*, **2014**, 16, 4932-5	6.2	39
523	Reactions of dimethylzirconocene complexes with a vicinal frustrated P/B Lewis pair. *Dalton Transactions*, **2013**, 42, 14531-6	4.3	39
522	Anionic N-Heterocyclic Carbenes That Contain a Weakly Coordinating Borate Moiety. *Angewandte Chemie*, **2012**, 124, 3294-3298	3.6	39
521	A Unique Frustrated Lewis Pair Pathway to Remarkably Stable Borata□Alkene Systems. *European Journal of Inorganic Chemistry*, **2013**, 2013, 3312-3315	2.3	39
520	Synthesis of All-Carbon Quaternary Centers by Palladium-Catalyzed Olefin Dicarbofunctionalization. *Angewandte Chemie - International Edition*, **2020**, 59, 2375-2379	16.4	39
519	Selective Oxidation of an Active Intramolecular Amine/Borane Frustrated Lewis Pair with Dioxygen. *Journal of the American Chemical Society*, **2016**, 138, 4302-5	16.4	38
518	Redoxneutrale Mangan(I)-katalysierte C-H-Aktivierung: regioselektive Anellierung mithilfe einer spurlosen dirigierenden Gruppe. *Angewandte Chemie*, **2017**, 129, 12954-12958	3.6	38
517	Effiziente Metathese terminaler Alkine. *Angewandte Chemie*, **2012**, 124, 13195-13199	3.6	37
516	Synthesis and reactivity of boron-, silicon-, and tin-bridged ansa-cyclopentadienyl-cycloheptatrienyl titanium complexes (troticenophanes). *Chemistry - A European Journal*, **2010**, 16, 11732-43	4.8	37
515	Oxidative C-H bond functionalization and ring expansion with TMSCHN2 : a copper(I)-catalyzed approach to dibenzoxepines and dibenzoazepines. *Angewandte Chemie - International Edition*, **2015**, 54, 5049-53	16.4	36
514	Enantioselective Synthesis of the Spirotropanyl Oxindole Scaffold through Bimetallic Relay Catalysis. *Angewandte Chemie - International Edition*, **2018**, 57, 14493-14497	16.4	36
513	Stereospecific 1,3-Aminobromination of Donor□Acceptor Cyclopropanes. *Angewandte Chemie*, **2017**, 129, 11712-11716	3.6	36
512	Profluorescent verdazyl radicals - synthesis and characterization. *Chemical Science*, **2015**, 6, 4712-4716	9.4	36
511	1,1-carbozirconation: unusual reaction of an alkyne with a methyl zirconocene cation and subsequent frustrated lewis pair like reactivity. *Angewandte Chemie - International Edition*, **2013**, 52, 13629-32	16.4	36
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509	The B(C6F5)3 boron Lewis acid route to arene-annulated pentalenes. *Chemistry - an Asian Journal*, **2014**, 9, 1671-81	4.5	35
508	Preparation of phenanthrenes from ortho-amino-biphenyls and alkynes via base-promoted homolytic aromatic substitution. *Chemical Communications*, **2015**, 51, 3121-3	5.8	35
507	Bis(imidazolin-2-iminato) rare earth metal complexes: synthesis, structural characterization, and catalytic application. *Inorganic Chemistry*, **2012**, 51, 6753-61	5.1	35
506	2,6-Dimethoxyphenyl-Substituted N-Heterocyclic Carbenes (NHCs): A Family of Highly Electron-Rich Organocatalysts. *European Journal of Organic Chemistry*, **2012**, 2012, 4164-4171	3.2	35
505	Why Does the Intramolecular Trimethylene-Bridged Frustrated Lewis Pair Mes2 PCH2 CH2 CH2 B(C6 F5)2 Not Activate Dihydrogen?. *Chemistry - A European Journal*, **2016**, 22, 5988-95	4.8	35
504	Borane-Catalyzed Synthesis of Quinolines Bearing Tetrasubstituted Stereocenters by Hydride Abstraction-Induced Electrocyclization. *Chemistry - A European Journal*, **2018**, 24, 16287-16291	4.8	35
503	Direct Dearomatization of Pyridines via an Energy-Transfer-Catalyzed Intramolecular [4+2] Cycloaddition. *CheM*, **2019**, 5, 2854-2864	16.2	34
502	Reactions of Boroles Formed by 1,1-Carboboration. *Organometallics*, **2015**, 34, 229-235	3.8	34
501	Milde metallfreie Tandem-Alkylierung/Cyclisierung von N-Benzylcarbamaten mit einfachen Olefinen. *Angewandte Chemie*, **2012**, 124, 8784-8788	3.6	34
500	Dibenzopentalenes from B(C6F5)3-Induced Cyclization Reactions of 1,2-Bis(phenylethynyl)benzenes. *Angewandte Chemie*, **2013**, 125, 6108-6112	3.6	34
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498	Novel 1,2,4-oxadiazoles and trifluoromethylpyridines related to natural products: synthesis, structural analysis and investigation of their antitumor activity. *Tetrahedron*, **2016**, 72, 1185-1199	2.4	33
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496	Stabilized borata-alkene formation: structural features, reactions and the role of the counter cation. *Dalton Transactions*, **2015**, 44, 21032-40	4.3	32
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