

Holger Braunschweig

List of Publications by Year in Descending Order

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

765
papers

27,894
citations

82
h-index

122
g-index

823
ext. papers

31,129
ext. citations

8.2
avg, IF

7.58
L-index

#	Paper	IF	Citations
765	Pyrene-Fused [7]Helicenes Connected Via Hexagonal and Heptagonal Rings: Stereospecific Synthesis and Chiroptical Properties.. <i>Journal of Organic Chemistry</i> , 2022 ,	4.2	3
764	Diboramacrocycles: reversible borole dimerisation-dissociation systems.. <i>Chemical Science</i> , 2022 , 13, 2932-2938	9.4	1
763	Probing the Potential of Hitherto Unexplored Base-Stabilized Borylenes in Dinitrogen Binding.. <i>Chemistry - A European Journal</i> , 2022 , e202200833	4.8	1
762	Harnessing the electronic differences between CAAC-stabilised 1,4-diborabenzene and 9,10-diboraanthracene for synthesis. <i>Chemical Communications</i> , 2021 ,	5.8	2
761	Hybrid Inorganic-Organic Cross-Metathesis between Diborenes and Acetylene. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18339-18345	16.4	3
760	Dithiophene-Fused Oxadiborepins and Azadiborepins: A New Class of Highly Fluorescent Heteroaromatics. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9290-9295	16.4	8
759	C ^{II} versus C ^{III} Activation: Understanding How the Carbene σ -Accepting Ability Controls the Intramolecular Reactivities of Mono(carbene)-Stabilized Borylenes. <i>Organometallics</i> , 2021 , 40, 766-775	3.8	2
758	Dithiophene-Fused Oxadiborepins and Azadiborepins: A New Class of Highly Fluorescent Heteroaromatics. <i>Angewandte Chemie</i> , 2021 , 133, 9376-9381	3.6	0
757	Anionic Boron- and Carbon-Based Hetero-Diradicaloids Spanned by a η^6 -Phenylene Bridge. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3687-3692	16.4	8
756	Visible-light-driven graphene supported Cu/Pd alloy nanoparticle-catalyzed borylation of alkyl bromides and chlorides in air. <i>Journal of Catalysis</i> , 2021 , 395, 258-265	7.3	5
755	Isolable Phospha- and Arsaalumenes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4106-4111	16.4	20
754	Isolation of Neutral, Mono-, and Dicationic B P Rings by Diphosphorus Addition to a Boron-Boron Triple Bond. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13661-13665	16.4	4
753	Isolierung neutraler, mono- und dikationischer B ₂ P ₂ -Ringe durch Addition eines Diphosphans an eine Bor-Bor-Dreifachbindung. <i>Angewandte Chemie</i> , 2021 , 133, 13774-13779	3.6	1
752	Boron- versus Nitrogen-Centered Nucleophilic Reactivity of (Cyano)hydroboryl Anions: Synthesis of Cyano(hydro)organoboranes and 2-Aza-1,4-diborabutatrienes. <i>Chemistry - A European Journal</i> , 2021 , 27, 9694-9699	4.8	1
751	Adducts of the Parent Boraphosphaketene H ₂ BPCO and their Decarbonylative Insertion Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13666-13670	16.4	8
750	NHC-Stabilized 1,2-Dihalodiborenes: Synthesis, Characterization, and Reactivity Toward Elemental Chalcogens. <i>Inorganic Chemistry</i> , 2021 , 60, 12625-12633	5.1	2
749	Addukte des Stammboraphosphaketens H ₂ BPCO und deren Insertionsreaktionen mittels Decarbonylierung. <i>Angewandte Chemie</i> , 2021 , 133, 13780-13784	3.6	2

748	Synthesis and Structure of an o-Carboranyl-Substituted Three-Coordinate Borane Radical Anion. <i>Chemistry - A European Journal</i> , 2021 , 27, 8159-8167	4.8	7
747	Rethinking Borole Cycloaddition Reactivity. <i>Chemistry - A European Journal</i> , 2021 , 27, 11226-11233	4.8	2
746	Rhodium-Mediated Stoichiometric Synthesis of Mono-, Bi-, and Bis-1,2-Azaborinines: 1-Rhoda-3,2-azaboroles as Reactive Precursors. <i>Chemistry - A European Journal</i> , 2021 , 27, 9503-9507	4.8	2
745	Platinum-Templated Coupling of B=N Units: Synthesis of BNB Analogues of 1,3-Dienes and a Butatriene. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16864-16868	16.4	2
744	Platin-vermittelte Kupplung von B=N-Einheiten: Synthese von BNB-Analoga von 1,3-Dienen und Butatrien. <i>Angewandte Chemie</i> , 2021 , 133, 17000-17004	3.6	
743	⊞Diamino-tetrafluoroquinodimethane: Stability of One- and Two-Electron Oxidized Species and Fixation of Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2021 , 86, 10467-10473	4.2	3
742	Herstellung von Boranaloga von Enaminen über Hydroaminierung einer Bor-Bor-Dreifachbindung. <i>Angewandte Chemie</i> , 2021 , 133, 747-752	3.6	0
741	Synthesis of Boron Analogues of Enamines via Hydroamination of a Boron-Boron Triple Bond. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 736-741	16.4	1
740	Reduction and Rearrangement of a Boron(I) Carbonyl Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2963-2968	16.4	11
739	Two derivatives of phenylpyridyl-fused boroles with contrasting electronic properties: decreasing and enhancing the electron accepting ability. <i>Dalton Transactions</i> , 2021 , 50, 355-361	4.3	2
738	Isolierung und Reaktivität eines s-Block-Metall-Antiaromaten. <i>Angewandte Chemie</i> , 2021 , 133, 3856-3863	3.6	5
737	Twisting versus Delocalization in CAAC- and NHC-Stabilized Boron-Based Biradicals: The Roles of Sterics and Electronics. <i>Chemistry - A European Journal</i> , 2021 , 27, 5160-5170	4.8	11
736	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4833-4840	16.4	13
735	2- and 2,7-Substituted para-N-Methylpyridinium Pyrenes: Syntheses, Molecular and Electronic Structures, Photophysical, Electrochemical, and Spectroelectrochemical Properties and Binding to Double-Stranded (ds) DNA. <i>Chemistry - A European Journal</i> , 2021 , 27, 2837-2853	4.8	5
734	Isolation and Reactivity of an Antiaromatic s-Block Metal Compound. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3812-3819	16.4	11
733	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie</i> , 2021 , 133, 4883-4890	3.6	2
732	Reduktion und Umlagerung eines Bor(I)-Carbonylkomplexes. <i>Angewandte Chemie</i> , 2021 , 133, 3000-3005	3.6	4
731	Bifuran-bridged bisboranes: highly luminescent B-doped oligoheteroarenes. <i>New Journal of Chemistry</i> , 2021 , 45, 14920-14924	3.6	1

730	Synthesis, structure and insertion reactivity of Lewis acidic 9-aluminafluorenes. <i>Dalton Transactions</i> , 2021 , 50, 10400-10404	4.3	
729	Unexpected formation of a dodecanuclear {CoII6CuII6} nanowheel under ambient conditions: magneto-structural correlations. <i>Dalton Transactions</i> , 2021 , 50, 12430-12434	4.3	2
728	Reactions of diborenes with terminal alkynes: mechanisms of ligand-controlled -selective hydroalkynylation, cycloaddition and C[triple bond, length as m-dash]C triple bond scission. <i>Chemical Science</i> , 2021 , 12, 9506-9515	9.4	1
727	Twisting versus Delocalization in CAAC- and NHC-Stabilized Boron-Based Biradicals: The Roles of Sterics and Electronics. <i>Chemistry - A European Journal</i> , 2021 , 27, 5056	4.8	
726	Synthesis of novel six-, seven- and eight-membered aluminum-containing rings by alumole ring expansion. <i>Chemical Communications</i> , 2021 , 57, 7505-7508	5.8	0
725	One- and two-electron reduction of triarylborane-based helical donor-acceptor compounds. <i>Chemical Science</i> , 2021 , 12, 11864-11872	9.4	3
724	Reactivity of cyano- and isothiocyanatoborylenes: metal coordination, one-electron oxidation and boron-centred Brønsted basicity. <i>Chemical Science</i> , 2021 , 12, 7937-7942	9.4	2
723	Synthesis and reactivity of NHC-coordinated phosphinidene oxide. <i>Chemical Communications</i> , 2021 , 57, 9546-9549	5.8	0
722	Nitronyl Nitroxide Bifunctionalized Electron-Poor Chromophores: Synthesis of Stable Dye Biradicals by Lewis Acid Promoted Desilylation. <i>Journal of Organic Chemistry</i> , 2021 , 86, 2447-2457	4.2	
721	Recent Advances in the Synthesis and Reactivity of Transition Metal Borylene/Borate Complexes. <i>Accounts of Chemical Research</i> , 2021 , 54, 1260-1273	24.3	8
720	Highly Colored Boron-Doped Thiazolothiazoles from the Reductive Dimerization of Boron Isothiocyanates. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6446-6450	16.4	8
719	Intensiv farbige Bor-dotierte Thiazolthiazole durch reduktive Dimerisierung von Borisothiocyanaten. <i>Angewandte Chemie</i> , 2021 , 133, 6519-6524	3.6	4
718	Conjugated Bis(triarylboranes) with Disconnected Conjugation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 421-424	1.3	1
717	Photoinduced Borylation for the Synthesis of Organoboron Compounds. <i>Chemical Reviews</i> , 2021 , 121, 3561-3597	68.1	45
716	Photoelectron Photoion Coincidence Spectroscopy of NCl and NCl. <i>ChemPhysChem</i> , 2021 , 22, 2164-2167	3.2	2
715	Ein neutrales Beryllium(I)-Radikal. <i>Angewandte Chemie</i> , 2021 , 133, 20944-20948	3.6	1
714	A Neutral Beryllium(I) Radical. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20776-20780	16.4	13
713	Bithiophene-Cored, mono-, bis-, and tris-(Trimethylammonium)-Substituted, bis-Triarylborane Chromophores: Effect of the Number and Position of Charges on Cell Imaging and DNA/RNA Sensing. <i>Chemistry - A European Journal</i> , 2021 , 27, 14057-14072	4.8	5

712	Boron-Doped β Oligo- and Polyfurans: Highly Luminescent Hybrid Materials, Color-Tunable through the Doping Density. <i>Macromolecules</i> , 2021 , 54, 7653-7665	5.5	1
711	Diphosphino-Functionalized 1,8-Naphthyridines: a Multifaceted Ligand Platform for Boranes and Diboranes. <i>Chemistry - A European Journal</i> , 2021 , 27, 15751-15756	4.8	0
710	Cyclische Dipnictadialane. <i>Angewandte Chemie</i> , 2021 , 133, 24520	3.6	0
709	Cyclo-Dipnictadialanes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24318-24325	16.4	4
708	Zinc-[7]helicenocyanine and Its Discrete β Stacked Homochiral Dimer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23656-23660	16.4	7
707	The Dimethylbismuth Cation: Entry Into Dative Bi-Bi Bonding and Unconventional Methyl Exchange. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24388-24394	16.4	2
706	Controlled Synthesis of Oligomers Containing Main-Chain B(sp ³)-B(sp ³) Bonds. <i>Chemistry - A European Journal</i> , 2021 , 27, 16043-16048	4.8	
705	Dialkynyldiboranes(4) and the selectable reactivity of their C-H, C[triple bond, length as m-dash]C and B-B bonds. <i>Chemical Communications</i> , 2021 , 57, 2645-2648	5.8	1
704	Synthesis and characterisation of boranediyl- and diboranediyl-bridged diplatinum A-frame complexes. <i>Dalton Transactions</i> , 2021 , 50, 3506-3515	4.3	3
703	Computationally Guided Molecular Design to Minimize the LE/CT Gap in D- β A Fluorinated Triarylboranes for Efficient TADF via D and β Bridge Tuning. <i>Advanced Functional Materials</i> , 2020 , 30, 2002064	15.6	23
702	Ring expansion of alumoles with organic azides: selective formation of six-membered aluminum-nitrogen heterocycles. <i>Chemical Science</i> , 2020 , 11, 5559-5564	9.4	6
701	Oxidation, Coordination, and Nickel-Mediated Deconstruction of a Highly Electron-Rich Diboron Analogue of 1,3,5-Hexatriene. <i>Angewandte Chemie</i> , 2020 , 132, 15847-15855	3.6	2
700	Diboran(4)azide als stabile Quelle für kurzlebige Iminoborane. <i>Angewandte Chemie</i> , 2020 , 132, 15608-15614	3.6	0
699	Electronically Driven Regioselective Iridium-Catalyzed C-H Borylation of Donor- β Acceptor Chromophores Containing Triarylboron Acceptors. <i>Chemistry - A European Journal</i> , 2020 , 26, 10626-10633	4.8	7
698	Trapping of a Borirane Intermediate in the Reductive Coupling of an Arylborane to a Diborene. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5562-5567	16.4	10
697	Boranediyl- and Diborane(4)-1,2-diyl-Bridged Platinum A-Frame Complexes. <i>Chemistry - A European Journal</i> , 2020 , 26, 8518-8523	4.8	6
696	Ni-Catalyzed Traceless, Directed C3-Selective C-H Borylation of Indoles. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13136-13144	16.4	30
695	High photocatalytic activity of a NiO nanodot-decorated Pd/SiC catalyst for the Suzuki-Miyaura cross-coupling of aryl bromides and chlorides in air under visible light. <i>Journal of Catalysis</i> , 2020 , 389, 517-524	7.3	16

- 694 Functionalization of N via Formal 1,3-Haloboration of a Tungsten(0) Dinitrogen Complex. *Chemistry - A European Journal*, **2020**, 26, 16019-16027 4.8 8
- 693 Facile Access to Substituted 1,4-Diaza-2,3-Diborinines. *Chemistry - A European Journal*, **2020**, 26, 2967-2978 4
- 692 Highly Stable, Readily Reducible, Fluorescent, Trifluoromethylated 9-Borafluorenes. *Chemistry - A European Journal*, **2020**, 26, 12794-12808 4.8 22
- 691 Diborane(4) Azides: Surprisingly Stable Sources of Transient Iminoboranes. *Angewandte Chemie - International Edition*, **2020**, 59, 15480-15486 16.4 2
- 690 Synthesis of polyheterocyclic 1,1-diboryltriazenes by π -nitrogen insertion of azides into activated B-B single bonds. *Chemical Communications*, **2020**, 56, 5681-5684 5.8 2
- 689 Synthesis, Photophysical and Electronic Properties of Mono-, Di-, and Tri-Amino-Substituted Ortho-Perylenes, and Comparison to the Tetra-Substituted Derivative. *Chemistry - A European Journal*, **2020**, 26, 12050-12059 4.8 4
- 688 Ein neutrales 1,4-Diborabenzol als π Ligand in Actinoidkomplexen. *Angewandte Chemie*, **2020**, 132, 13209-13212 16.2
- 687 Transition-metal-carbene-like intermolecular insertion of a borylene into C-H bonds. *Chemical Communications*, **2020**, 56, 7277-7280 5.8 2
- 686 Die Verkettung zweier Stickstoffmoleküle. *Chemie in Unserer Zeit*, **2020**, 54, 8-9 0.2
- 685 Bor in energiebezogenen Prozessen und Anwendungen. *Angewandte Chemie*, **2020**, 132, 8882-8900 3.6 25
- 684 Reduction of a dihydroboryl cation to a boryl anion and its air-stable, neutral hydroboryl radical through hydrogen shuttling. *Chemical Science*, **2020**, 11, 551-555 9.4 12
- 683 Dibortetraiodid (B₂I₄) ist im Festkörper ein Polymer aus sp³-hybridisiertem Bor. *Angewandte Chemie*, **2020**, 132, 5574-5579 3.6
- 682 Trans-selektive Dihydroborierung eines cis-Diborens durch Insertion: Synthese eines linearen sp³-sp²-sp³-Triborans und anschließende Kationisierung. *Angewandte Chemie*, **2020**, 132, 333-337 3.6 2
- 681 Tetraiododiborane(4) (B₂I₄) is a Polymer Based on sp Boron in the Solid State. *Angewandte Chemie - International Edition*, **2020**, 59, 5531-5535 16.4 1
- 680 N-Heterocyclic Carbene and Cyclic (Alkyl)(amino)carbene Complexes of Titanium(IV) and Titanium(III). *European Journal of Inorganic Chemistry*, **2020**, 2020, 281-291 2.3 8
- 679 Synthesis of Complex Boron-Nitrogen Heterocycles Comprising Borylated Triazenes and Tetrazenes Under Mild Conditions. *Journal of the American Chemical Society*, **2020**, 142, 1065-1076 16.4 14
- 678 CAAC=N: A Cyclic (Alkyl)(Amino)Carbene Imino Ligand. *Chemistry - A European Journal*, **2020**, 26, 1136-1143 14.3 9
- 677 Visible-Light-Induced Ni-Catalyzed Radical Borylation of Chloroarenes. *Journal of the American Chemical Society*, **2020**, 142, 18231-18242 16.4 22

676	Coligand role in the NHC nickel catalyzed C-F bond activation: investigations on the insertion of bis(NHC) nickel into the C-F bond of hexafluorobenzene. <i>Chemical Science</i> , 2020 , 11, 11009-11023	9.4	11
675	2,2'-Bipyridyl as a Redox-Active Borylene Abstraction Agent. <i>Inorganic Chemistry</i> , 2020 , 59, 10866-10873	5.1	3
674	cAAC-Stabilized 9,10-diboraanthracenes-Acenes with Open-Shell Singlet Biradical Ground States. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19338-19343	16.4	24
673	Intermetallic transfer of unsymmetrical borylene fragments: isolation of the second early-transition-metal terminal borylene complex and other rare species. <i>Dalton Transactions</i> , 2020 , 49, 17719-17724	4.3	1
672	Planar Cyclopenten-4-yl Cations: Highly Delocalized π -Aromatics Stabilized by Hyperconjugation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18809-18815	16.4	7
671	Diverse ring-opening reactions of rhodium π -azaborete complexes. <i>Chemical Science</i> , 2020 , 11, 9134-9140	9.4	1
670	Stabilisierung planarer Cyclopenten-4-yl-Kationen durch Hyperkonjugation und π -Delokalisierung. <i>Angewandte Chemie</i> , 2020 , 132, 18971-18978	3.6	1
669	Tuneable reduction of cymantrenylboranes to diborenes or borylene-derived boratafulvenes. <i>Chemical Communications</i> , 2020 , 56, 14809-14812	5.8	2
668	One-pot, room-temperature conversion of dinitrogen to ammonium chloride at a main-group element. <i>Nature Chemistry</i> , 2020 , 12, 1076-1080	17.6	32
667	cAAC-stabilisierte 9,10-Diboraanthracene π -ffenschalige Singulettbiradikale. <i>Angewandte Chemie</i> , 2020 , 132, 19502-19507	3.6	8
666	Phosphinoborylenes as stable sources of fleeting borylenes. <i>Chemical Science</i> , 2020 , 11, 11055-11059	9.4	6
665	Boron: Its Role in Energy-Related Processes and Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8800-8816	16.4	92
664	trans-Selective Insertional Dihydroboration of a cis-Diborene: Synthesis of Linear sp ² -sp ² -sp ² -Triboranes and Subsequent Cationization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 325-329	16.4	4
663	Synthesis, Photophysical and Electronic Properties of New Red-to-NIR Emitting Donor-Acceptor Pyrene Derivatives. <i>Chemistry - A European Journal</i> , 2020 , 26, 438-453	4.8	17
662	Stable Actinide π -Complexes of a Neutral 1,4-Diborabenzene. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13109-13115	16.4	7
661	π -Complexes of Diborynes with Main Group Atoms. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1553-1557	4.5	3
660	Tuning phenoxy-substituted diketopyrrolopyrroles from quinoidal to biradical ground states through (hetero-)aromatic linkers. <i>Chemical Science</i> , 2020 , 12, 793-802	9.4	8
659	Oxidation, Coordination, and Nickel-Mediated Deconstruction of a Highly Electron-Rich Diboron Analogue of 1,3,5-Hexatriene. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15717-15725	16.4	8

658	An Iterative Divergent Approach to Conjugated Starburst Borane Dendrimers. <i>Chemistry - A European Journal</i> , 2020 , 26, 12951-12963	4.8	12
657	Single and Double Hydroboration of B-B Triple Bonds and Convergent Routes to a Cationic Tetraborane. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14898-14903	16.4	24
656	Lewis-Base Stabilization of the Parent Al(I) Hydride under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16954-16960	16.4	28
655	Redoxreaktionen zwischen Aluminium(I)- und Bor(III)-Verbindungen. <i>Angewandte Chemie</i> , 2019 , 131, 3664-3668	3.6	14
654	Oxidative addition of arsenic halides to platinum(0). <i>Dalton Transactions</i> , 2019 , 48, 3547-3550	4.3	3
653	New Outcomes of Beryllium Chemistry: Lewis Base Adducts for Salt Elimination Reactions. <i>Inorganic Chemistry</i> , 2019 , 58, 2652-2658	5.1	27
652	Phosphine-Stabilized Diiododiborenes: Isolable Diborenes with Six Labile Bonds. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4405-4409	16.4	22
651	Monomeric CpAl(i): synthesis, reactivity, and the concept of valence isomerism. <i>Chemical Science</i> , 2019 , 10, 3421-3428	9.4	37
650	Synthesis, photophysical and electronic properties of tetra-donor- or acceptor-substituted -perylene displaying four reversible oxidations or reductions. <i>Chemical Science</i> , 2019 , 10, 7516-7534	9.4	26
649	Bond-Strengthening Backdonation in Aminoborylene-Stabilized Aminoborylenes: At the Intersection of Borylenes and Diborenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12893-12897	16.4	5
648	Mild synthesis of diboryldiborenes by diboration of B-B triple bonds. <i>Chemical Science</i> , 2019 , 10, 7375-7378	9.4	10
647	Mono- and Dianion of a Bis(benzobuta)tetraazapentacene Derivative. <i>Chemistry - A European Journal</i> , 2019 , 25, 9840-9845	4.8	5
646	Phosphan stabilisierte Diioddiborene: Isolierbare Diborene mit sechs labilen Bindungen. <i>Angewandte Chemie</i> , 2019 , 131, 4451-4456	3.6	13
645	Spontaneous trans-Selective Transfer Hydrogenation of Apolar Boron-Boron Double Bonds. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9782-9786	16.4	9
644	Synthesis of fused B,N-heterocycles by alkyne cleavage, NHC ring-expansion and C-H activation at a diboryne. <i>Chemical Communications</i> , 2019 , 55, 6700-6703	5.8	11
643	First Bis(η -Borane Complexes of Group 6 Transition Metals: Experimental and Theoretical Studies. <i>Chemistry - A European Journal</i> , 2019 , 25, 8585-8589	4.8	7
642	Spontane trans-selektive Transferhydrierung von unpolaren B=B-Doppelbindungen. <i>Angewandte Chemie</i> , 2019 , 131, 9884-9889	3.6	6
641	Heterodiatomare Mehrfachbindung zwischen Elementen der Gruppe 13: Ein Komplex mit B-Al-Bindung reduziert CO ₂ . <i>Angewandte Chemie</i> , 2019 , 131, 9878-9883	3.6	20

640	Synthesis of unsymmetrical BE and BE heterocycles by borylene insertion into boradichalcogeniranes. <i>Chemical Science</i> , 2019 , 10, 4662-4666	9.4	6
639	The reductive coupling of dinitrogen. <i>Science</i> , 2019 , 363, 1329-1332	33.3	124
638	Rydberg state mediated multiphoton ionization of (BCH)(BCH)Cr: DFT-supported experimental insights into the molecular and electronic structures of excited sandwich complexes. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 9665-9671	3.6	
637	Stable Lewis Base Adducts of Tetrahalodiboranes: Synthetic Methods and Structural Diversity. <i>Chemistry - A European Journal</i> , 2019 , 25, 8612-8622	4.8	12
636	Heterodiatomic Multiple Bonding in Group 13: A Complex with a Boron-Aluminum π Bond Reduces CO. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9776-9781	16.4	28
635	Synthesis and reduction chemistry of mixed-Lewis-base-stabilised chloroborylenes. <i>Chemical Science</i> , 2019 , 10, 5095-5103	9.4	15
634	B-B Cleavage and Ring-Expansion of a 1,4,2,3-Diazadiborinine with N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2019 , 25, 13572-13578	4.8	7
633	Steric Effects Dictate the Formation of Terminal Arylborylene Complexes of Ruthenium from Dihydroboranes. <i>Chemistry - A European Journal</i> , 2019 , 25, 13566-13571	4.8	8
632	Selective mono- and dimetallation of a group 3 sandwich complex. <i>Chemical Communications</i> , 2019 , 55, 9677-9680	5.8	3
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494	Mild and Complete Carbonyl Ligand Scission on a Mononuclear Transition Metal Complex. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5076-80	16.4	13
493	Zweidimensional, aber nicht flach: Borophen – ein Graphen aus Bor – mit gewellter Struktur. <i>Angewandte Chemie</i> , 2016 , 128, 4948-4950	3.6	9
492	Hochgespannte Heterocyclen, gebildet aus Bor-Bor-Mehrfachbindungen und höheren Homologen der Chalcogene. <i>Angewandte Chemie</i> , 2016 , 128, 5697-5700	3.6	27
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483	Platinum trans-Bis(borirene) complexes displaying coplanarity and communication across a platinum metal center. <i>Chemistry - A European Journal</i> , 2015 , 21, 2377-86	4.8	12
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84	Synthesis of ansa-[2]boracyclopentadienylcycloheptatrienylchromium and its reaction to the ansa-platinabis(boryl) complex by oxidative addition of the boron-boron bond. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5647-51	16.4	67
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