

Rian D Dewhurst

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.

195
papers

7,675
citations

41
h-index

80
g-index

218
ext. papers

8,717
ext. citations

9.4
avg, IF

6.35
L-index

#	Paper	IF	Citations
195	Probing the Potential of Hitherto Unexplored Base-Stabilized Borylenes in Dinitrogen Binding.. <i>Chemistry - A European Journal</i> , 2022 , e202200833	4.8	1
194	C≡C versus C≡B Activation: Understanding How the Carbene π -Accepting Ability Controls the Intramolecular Reactivities of Mono(carbene)-Stabilized Borylenes. <i>Organometallics</i> , 2021 , 40, 766-775	3.8	2
193	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
192	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
191	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
190	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
189	Addukte des Stammboraphosphaketens H ₂ BPCO und deren Insertionsreaktionen mittels Decarbonylierung. <i>Angewandte Chemie</i> , 2021 , 133, 13780-13784	3.6	2
188	Isolierung und Reaktivität eines s-Block-Metall-Antiaromaten. <i>Angewandte Chemie</i> , 2021 , 133, 3856-3863	3.6	5
187	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
186	Isolation and Reactivity of an Antiaromatic s-Block Metal Compound. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3812-3819	16.4	11
185	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	
184	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
183	Recent Advances in the Synthesis and Reactivity of Transition Metal π -Borane/Borate Complexes. <i>Accounts of Chemical Research</i> , 2021 , 54, 1260-1273	24.3	8
182	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
181	Controlled Synthesis of Oligomers Containing Main-Chain B(sp ²)-B(sp ²) Bonds. <i>Chemistry - A European Journal</i> , 2021 , 27, 16043-16048	4.8	
180	Dialkynyldiboranes(4) and the selectable reactivity of their C-H, C≡C and B-B bonds. <i>Chemical Communications</i> , 2021 , 57, 2645-2648	5.8	1
179	Bor in energiebezogenen Prozessen und Anwendungen. <i>Angewandte Chemie</i> , 2020 , 132, 8882-8900	3.6	25

178	Dibortetraiodid (B ₂ I ₄) ist im Festkörper ein Polymer aus sp ³ -hybridisiertem Bor. <i>Angewandte Chemie</i> , 2020 , 132, 5574-5579	3.6	
177	Tetraiododiborane(4) (B ₂ I ₄) is a Polymer Based on sp Boron in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5531-5535	16.4	1
176	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
175	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
174	Boron: Its Role in Energy-Related Processes and Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8800-8816	16.4	92
173	π-Complexes of Diborynes with Main Group Atoms. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1553-1557	4.5	3
172	Oxidative addition of arsenic halides to platinum(0). <i>Dalton Transactions</i> , 2019 , 48, 3547-3550	4.3	3
171	Phosphine-Stabilized Diiododiborenes: Isolable Diborenes with Six Labile Bonds. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4405-4409	16.4	22
170	Mild synthesis of diboryldiborenes by diboration of B-B triple bonds. <i>Chemical Science</i> , 2019 , 10, 7375-7378	37.8	10
169	Phosphan-stabilisierte Diioddiborene: Isolierbare Diborene mit sechs labilen Bindungen. <i>Angewandte Chemie</i> , 2019 , 131, 4451-4456	3.6	13
168	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
167	Selective mono- and dimetallation of a group 3 sandwich complex. <i>Chemical Communications</i> , 2019 , 55, 9677-9680	5.8	3
166	Toward Transition-Metal-Templated Construction of Arylated B Chains by Dihydroborane Dehydrocoupling. <i>Chemistry - A European Journal</i> , 2019 , 25, 16544	4.8	5
165	Eine neue Strukturklasse neutraler borhaltiger Diradikale verbrückt über zwei Kohlenstoffatome. <i>Angewandte Chemie</i> , 2019 , 131, 1857-1861	3.6	7
164	A New Perspective on Borane Chemistry: The Nucleophilicity of the B-H Bonding Pair Electrons. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3268-3278	16.4	49
163	Borchemie aus einer neuen Perspektive: Nukleophilie der B-H-Bindungselektronen. <i>Angewandte Chemie</i> , 2019 , 131, 3302-3313	3.6	15
162	A New Class of Neutral Boron-Based Diradicals Spanned by a Two-Carbon-Atom Bridge. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1842-1846	16.4	17
161	Nitrogen fixation and reduction at boron. <i>Science</i> , 2018 , 359, 896-900	33.3	632

160	CO Binding and Splitting by Boron-Boron Multiple Bonds. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5947-5951	16.4	50
159	Does Lewis basicity correlate with catalytic performance in zerovalent group 8 complexes?. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018 , 73, 149-153	1	
158	Release of Isonitrile- and NHC-Stabilized Borylenes from Group VI Terminal Borylene Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 6843-6847	4.8	19
157	CO ₂ -Fixierung und Spaltung durch unpolare Mehrfachbindungen. <i>Angewandte Chemie</i> , 2018 , 130, 6055-6059	9.0	30
156	Reactions of Digallanes with p- and d-Block Lewis Bases: Adducts, Bis(gallyl) Complexes, and Naked Ga as Ligand. <i>Chemistry - A European Journal</i> , 2018 , 24, 9692-9697	4.8	13
155	Dialumination of unsaturated species with a reactive bis(cyclopentadienyl) dialane. <i>Chemical Communications</i> , 2018 , 54, 1639-1642	5.8	24
154	Bergangsmetall- π -Komplexierung eines Tetrahalogendiborans. <i>Angewandte Chemie</i> , 2018 , 130, 419-423	3.6	7
153	Closely related yet different: a borylene and its dimer are non-interconvertible but connected through reactivity. <i>Chemical Science</i> , 2018 , 9, 2252-2260	9.4	23
152	Isolierbare, neutrale Analoga des [B ₂ H ₅] ⁺ Ions als vielseitige und stark bindende π -Donorliganden. <i>Angewandte Chemie</i> , 2018 , 130, 6456-6460	3.6	16
151	Bottleable Neutral Analogues of [B H] as Versatile and Strongly Binding π Donor Ligands. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6347-6351	16.4	26
150	Isolation of diborenes and their 90°-twisted diradical congeners. <i>Nature Communications</i> , 2018 , 9, 1197	17.4	41
149	Lewis-Base-Induced Disproportionation of a Dialane. <i>Chemistry - A European Journal</i> , 2018 , 24, 11795-11802	11.0	15
148	Diboryldiborenes: π -Conjugated B Chains Isoelectronic to the Butadiene Dication. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10091-10095	16.4	23
147	Diboryldiborene: π -konjugierte B ₄ -Ketten isoelektronisch zum Butadien-Dikation. <i>Angewandte Chemie</i> , 2018 , 130, 10248-10252	3.6	12
146	Transition-Metal π -Ligation of a Tetrahalodiborane. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 412-416	16.4	18
145	Metal-Free Activation of Enthalpically Strong Bonds: Unraveling the Potential of Hitherto Unexplored Singlet Carbenes. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 4543-4561	5.6	5
144	Reactivity of Tetrahalo- and Difluorodiboranes(4) toward Lewis Basic Platinum(0): Bis(boryl), Borylborato, and Doubly Boryl-Bridged Platinum Complexes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13056-13063	16.4	12
143	Unravelling the Dramatic Electrostructural Differences Between N-Heterocyclic Carbene- and Cyclic (Alkyl)(amino)carbene-Stabilized Low-Valent Main Group Species. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12580-12591	16.4	23

142	Isolation and Characterization of Crystalline, Neutral Diborane(4) Radicals. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10752-10755	16.4	8
141	Isolierung und Charakterisierung von kristallinen, neutralen Diboran(4)-Radikalen. <i>Angewandte Chemie</i> , 2018 , 130, 10912-10915	3.6	4
140	Strongly Phosphorescent Transition Metal π -Complexes of Boron-Boron Triple Bonds. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4887-4893	16.4	38
139	Generierung einer kleinen HOMO-LUMO-Lücke und intramolekulare C-H-Borylierung durch Diboren-Anthracen-Orbitalinterkalation. <i>Angewandte Chemie</i> , 2017 , 129, 8122-8126	3.6	19
138	Synthesis and Trapping of Iminoboranes by M=B/C=N Bond Metathesis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7975-7979	16.4	26
137	Engineering a Small HOMO-LUMO Gap and Intramolecular C-H Borylation by Diborene/Anthracene Orbital Intercalation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8009-8013	16.4	38
136	DFT Studies of Dimerization Reactions of Boroles. <i>Chemistry - A European Journal</i> , 2017 , 23, 11587-11597	4.8	7
135	Synthese und Nachweis von Iminoboranen durch M=B/C=N-Bindungsmetathese. <i>Angewandte Chemie</i> , 2017 , 129, 8084-8089	3.6	9
134	Simple solution-phase syntheses of tetrahalodiboranes(4) and their labile dimethylsulfide adducts. <i>Chemical Communications</i> , 2017 , 53, 8265-8267	5.8	28
133	Reaction of Dihalodiboranes(4) with a N-Heterocyclic Silylene: Facile Construction of 1-Aryl-2-Silyl-1,2-Diboraindanes. <i>Chemistry - A European Journal</i> , 2017 , 23, 9491-9494	4.8	14
132	Isolation of a Reactive Cyclopropane Intermediate via a Unique Catalyst-Free Spontaneous Cyclopropanation Step at 0 °C. <i>Chemistry - A European Journal</i> , 2017 , 23, 5953-5956	4.8	8
131	CuOTf-mediated intramolecular diborene hydroarylation. <i>Chemical Communications</i> , 2017 , 53, 11945-11947	3.4	20
130	Alkylideneborate zwitterions and C-C coupling by atypical diboration of electron-rich alkynes. <i>Chemical Communications</i> , 2017 , 53, 12132-12135	5.8	14
129	Monomeric 16-Electron π -Diborene Complexes of Zn(II) and Cd(II). <i>Journal of the American Chemical Society</i> , 2017 , 139, 10661-10664	16.4	35
128	Nucleophilic addition and substitution at coordinatively saturated boron by facile 1,2-hydrogen shuttling onto a carbene donor. <i>Chemical Science</i> , 2017 , 8, 7066-7071	9.4	19
127	Interactions of Isonitriles with Metal-Boron Bonds: Insertions, Coupling, Ring Formation, and Liberation of Monovalent Boron. <i>Chemistry - A European Journal</i> , 2016 , 22, 11736-44	4.8	41
126	Dynamic, Reversible Oxidative Addition of Highly Polar Bonds to a Transition Metal. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16140-16147	16.4	18
125	Metal-Only Lewis Pairs Based on Zerovalent Osmium. <i>Organometallics</i> , 2016 , 35, 2567-2573	3.8	13

124	Erzeugung zweifach koordinierter Bor(I)-Einheiten durch Fragmentierung eines molekularen Tetra-Bor(I)-Quadrats. <i>Angewandte Chemie</i> , 2016 , 128, 14680-14684	3.6	32
123	Regioselective Catalytic and Stepwise Routes to Bulky, Functional-Group-Appended, and Luminescent 1,2-Azaborinines. <i>Chemistry - A European Journal</i> , 2016 , 22, 8603-9	4.8	29
122	Two-Dimensional, but not Flat: An All-Boron Graphene with a Corrugated Structure. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4866-8	16.4	19
121	Boron-Metallated Borirenes and Bis(Borirenes). <i>Chemistry - A European Journal</i> , 2016 , 22, 8596-602	4.8	8
120	Fundamental Differences between Group 8 Metals: Unexpected Oxidation State Preferences and Mechanisms in Ruthenium Borylene Complex Formation. <i>Chemistry - A European Journal</i> , 2016 , 22, 8471-4	4.8	6
119	Neutral zero-valent s-block complexes with strong multiple bonding. <i>Nature Chemistry</i> , 2016 , 8, 638-42	17.6	127
118	Synthesis of Functionalized 1,4-Azaborinines by the Cyclization of Di-tert-butyliminoborane and Alkynes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8212-20	16.4	40
117	Dative Wechselwirkungen einer Bor-zentrierten Lewis-Base mit Gruppe-13-Elementen. <i>Angewandte Chemie</i> , 2016 , 128, 447-451	3.6	22
116	Dative Bonding between Group 13 Elements Using a Boron-Centered Lewis Base. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 436-40	16.4	52
115	Self-Assembly of Square-Planar Halide Complexes of Trimethylphosphine-Stabilized Diphenyl-Arsenium, -Stibonium, and -Bismuthenium Hexafluorophosphates. <i>Australian Journal of Chemistry</i> , 2016 , 69, 524	1.2	8
114	Unprecedented Borane, Diborane(3), Diborene, and Borylene Ligands via Pt-Mediated Borane Dehydrogenation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 76-9	16.4	48
113	Carbene-induced synthesis of the first borironium cations using the $[(\eta^5\text{-C}_5\text{Me}_5)\text{Fe}(\text{CO})_2]^-$ anion as an unlikely leaving group. <i>Chemical Communications</i> , 2016 , 52, 183-5	5.8	7
112	Milde und vollständige Spaltung eines Carbonylliganden innerhalb eines einkernigen Übergangsmetallkomplexes. <i>Angewandte Chemie</i> , 2016 , 128, 5160-5164	3.6	9
111	Theoretical strategies toward stabilization of singlet remote N-heterocyclic carbenes. <i>Journal of Computational Chemistry</i> , 2016 , 37, 1484-90	3.5	13
110	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
109	Zweidimensional, aber nicht flach: Borophen – ein Graphen aus Bor mit gewellter Struktur. <i>Angewandte Chemie</i> , 2016 , 128, 4948-4950	3.6	9
108	Steric Control between Neutral Metal-Only Lewis Pairs and Metal-Stabilized Gallenium and Gallinium Cations. <i>Organometallics</i> , 2016 , 35, 1002-1007	3.8	9
107	New outcomes of Lewis base addition to diboranes(4): electronic effects override strong steric disincentives. <i>Chemical Communications</i> , 2016 , 52, 4898-901	5.8	16

106	Generation of Dicoordinate Boron(I) Units by Fragmentation of a Tetra-Boron(I) Molecular Square. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14464-14468	16.4	62
105	Desymmetrizing Electron-Deficient Diboranes(4): Diverse Products and Their Reactivity. <i>Chemistry - A European Journal</i> , 2016 , 22, 13927-13934	4.8	32
104	Cyclization of a 1,4-diborabutadiene ligand with both atoms of CO. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5065-8	16.4	8
103	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
102	Multiple complexation of CO and related ligands to a main-group element. <i>Nature</i> , 2015 , 522, 327-30	50.4	245
101	sp(2)-sp(3) diboranes: astounding structural variability and mild sources of nucleophilic boron for organic synthesis. <i>Chemical Communications</i> , 2015 , 51, 9594-607	5.8	179
100	Synthesis and Hydroboration of a Mixed-Donor Iminoboryl Complex of Platinum. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2592-2595	2.3	7
99	Stepwise isolation of low-valent, low-coordinate Sn and Pb mono- and dications in the coordination sphere of platinum. <i>Chemical Science</i> , 2015 , 6, 425-435	9.4	30
98	Synthesis of cyclic diborenes with unprecedented cis-configuration. <i>Chemical Communications</i> , 2015 , 51, 15917-20	5.8	52
97	1,2-Halosilane vs. 1,2-alkylborane elimination from (boryl)(silyl) complexes of iron: switching between borylenes and silylenes just by changing the alkyl group. <i>Chemical Communications</i> , 2015 , 51, 15465-8	5.8	11
96	A facile and selective route to remarkably inert monocyclic NHC-stabilized boriranes. <i>Chemical Communications</i> , 2015 , 51, 1627-30	5.8	33
95	Investigation of Steric Factors Involved in the Formation of Terminal Cationic Platinum Arylborylene Complexes. <i>Organometallics</i> , 2015 , 34, 2343-2347	3.8	6
94	Unerwartetes Lumineszenzverhalten von M ₂ Zmetall-Diboren-Komplexen. <i>Angewandte Chemie</i> , 2015 , 127, 4436-4440	3.6	27
93	Identification of a Lead Candidate in the Search for Carbene-Stabilised Homoaromatics. <i>Chemistry - A European Journal</i> , 2015 , 21, 16968-74	4.8	1
92	Building Electron-Precise Boron-Boron Single Bonds: Imposing Monogamy on a Promiscuous Element. <i>ChemCatChem</i> , 2015 , 7, 1630-1638	5.2	47
91	Exklusiver π -Einschluss leichter Alkalimetallkationen durch ein neutrales Molekül <i>Angewandte Chemie</i> , 2015 , 127, 13282-13286	3.6	13
90	Cyclisierung eines 1,4-Diborabutadienliganden mit CO unter Einbeziehung beider Atome. <i>Angewandte Chemie</i> , 2015 , 127, 5154-5157	3.6	3
89	Exclusive π -Encapsulation of Light Alkali Metal Cations by a Neutral Molecule. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13090-4	16.4	35

88	Lewis Acid Binding and Transfer as a Versatile Experimental Gauge of the Lewis Basicity of Fe(0), Ru(0), and Pt(0) Complexes. <i>Chemistry - A European Journal</i> , 2015 , 21, 19195-201	4.8	17
87	Unprecedented oxidative addition and metal-only Lewis pair chemistry of antimony trihalides. <i>Chemistry - A European Journal</i> , 2015 , 21, 1860-2	4.8	18
86	Correlations and Contrasts in Homo- and Heteroleptic Cyclic (Alkyl)(amino)carbene-Containing Pt(0) Complexes. <i>Chemistry - A European Journal</i> , 2015 , 21, 12357-62	4.8	14
85	Synthesis of the first heteroaryl-substituted boryl complexes: strong stabilizing effects of boron-aryl π -conjugation. <i>Inorganic Chemistry</i> , 2015 , 54, 3619-23	5.1	6
84	Platinum trans-Bis(borirene) Complexes Displaying Coplanarity and Communication Across a Platinum Metal Center. <i>Chemistry - A European Journal</i> , 2015 , 21, 2277-2277	4.8	
83	Unexpected luminescence behavior of coinage metal π -diborene complexes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4362-6	16.4	52
82	Evidence for extensive single-electron-transfer chemistry in boryl anions: isolation and reactivity of a neutral borole radical. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5453-7	16.4	100
81	Short Survey of the Chemical Reduction Behavior of the Base-Stabilized Iron Dichloroboryl Complexes $[(\beta\text{-C}_5\text{Me}_5)\text{Fe}(\text{CO})_2\text{BCl}_2(\text{LB})]$. <i>Organometallics</i> , 2014 , 33, 604-606	3.8	7
80	Boron-Boron Multiple Bonding: From Charged to Neutral and Back Again. <i>Organometallics</i> , 2014 , 33, 6271-6277	3.8	101
79	Silver(I) and thallium(I) cations as unsupported bridges between two metal bases. <i>Chemical Communications</i> , 2014 , 50, 15685-8	5.8	25
78	Gauging metal Lewis basicity of zerovalent iron complexes via metal-only Lewis pairs. <i>Chemical Science</i> , 2014 , 5, 4099	9.4	34
77	Complete and partial 1,2-additions across transition metal-boron double bonds. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9560-3	16.4	10
76	A Simple Decarbonylative Route to Heterodinuclear Alkylborylene Complexes. <i>Organometallics</i> , 2014 , 33, 3877-3881	3.8	6
75	Partially and Fully Reversible Solvation-Controlled Borylene Swapping and Metal-Only Lewis Pair Formation. <i>Organometallics</i> , 2014 , 33, 3649-3651	3.8	12
74	Metal-only Lewis pairs by reversible insertion of ruthenium and osmium fragments into metal-boron double bonds. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4240-3	16.4	11
73	Trihapto ligation of a borirene to a single metal atom: a heterocyclic analogue of the η -cyclopropenyl ligand. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6263-6	16.4	20
72	Strained ansa Half-Sandwich Complexes of Ruthenium and Osmium and a Non-Iron Metallopolymer by Ring-Opening Polymerization. <i>Organometallics</i> , 2014 , 33, 1536-1539	3.8	6
71	Trihapto-Koordination eines Borirens an ein einzelnes Metallatom: ein heterocyclisches Analogon des β -Cyclopropenylliganden. <i>Angewandte Chemie</i> , 2014 , 126, 6378-6381	3.6	6

70	Boryl-functionalized alkynyl and vinylidene rhodium complexes: synthesis and electronic properties. <i>Chemistry - A European Journal</i> , 2014 , 20, 1427-33	4.8	2
69	Rein metallische Lewis-Paare (MOLPs) durch reversible Insertion von Ruthenium- und Osmiumfragmenten in Metall-Bor-Doppelbindungen. <i>Angewandte Chemie</i> , 2014 , 126, 4326-4329	3.6	3
68	Direct hydroboration of B=B bonds: a mild strategy for the proliferation of B-B bonds. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3241-4	16.4	110
67	Direkte Hydroborierung von B=B-Bindungen: eine milde Methode zum Aufbau von B-B-Bindungen. <i>Angewandte Chemie</i> , 2014 , 126, 3305-3308	3.6	62
66	Deutliche Belege für Ein-Elektronen-Übertragungen in der Boryl-Anionenchemie: Isolierung und Reaktivität eines neutralen Borolradikals. <i>Angewandte Chemie</i> , 2014 , 126, 5557-5561	3.6	47
65	Diverse reactions of N-heterocyclic carbenes with an alkynylborane and isolation of a reactive zwitterionic borataallene. <i>Chemical Communications</i> , 2014 , 50, 97-9	5.8	22
64	Photoionization and pyrolysis of a 1,4-azaborinine: retro-hydroboration in the cation and identification of novel organoboron ring systems. <i>Chemistry - A European Journal</i> , 2014 , 20, 9683-92	4.8	19
63	Platinum complexes containing pyramidalized germanium and tin dihalide ligands bound through M=E multiple bonds. <i>Chemistry - A European Journal</i> , 2014 , 20, 16888-98	4.8	36
62	Reductive borylene-CO coupling with a bulky arylborylene complex. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10120-3	16.4	31
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