

Krzysztof Radacki

List of Publications by Year in descending order

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261
papers

12,280
citations

19608

61
h-index

45213

90
g-index

317
all docs

317
docs citations

317
times ranked

4869
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Air-Stable n-Channel Organic Thin Film Transistors Based on Halogenated Perylene Bisimide Semiconductors. <i>Journal of the American Chemical Society</i> , 2009, 131, 6215-6228.	6.6	619
2	Ambient-Temperature Isolation of a Compound with a Boron-Boron Triple Bond. <i>Science</i> , 2012, 336, 1420-1422.	6.0	508
3	Multiple complexation of CO and related ligands to a main-group element. <i>Nature</i> , 2015, 522, 327-330.	13.7	285
4	Synthesis and Structure of a Carbene-Stabilized Boryl Anion. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2041-2044.	7.2	197
5	Neutral zero-valent s-block complexes with strong multiple bonding. <i>Nature Chemistry</i> , 2016, 8, 890-894.	6.6	180
6	Oxoboryl Complexes: Boron-Oxygen Triple Bonds Stabilized in the Coordination Sphere of Platinum. <i>Science</i> , 2010, 328, 345-347.	6.0	179
7	Isolation of a Neutral Boron-Containing Radical Stabilized by a Cyclic (Alkyl)(Amino)Carbene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7360-7363.	7.2	151
8	Main-Group Metallomimetics: Transition Metal-like Photolytic CO Substitution at Boron. <i>Journal of the American Chemical Society</i> , 2017, 139, 1802-1805.	6.6	143
9	An Isolable Radical Anion Based on the Borole Framework. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2977-2980.	7.2	131
10	Generation of a Carbene-Stabilized Bora-borylene and its Insertion into a C-H Bond. <i>Journal of the American Chemical Society</i> , 2011, 133, 19044-19047.	6.6	129
11	A T-Shaped Platinum(II) Boryl Complex as the Precursor to a Platinum Compound with a Base-Stabilized Borylene Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5651-5654.	7.2	123
12	Interaction between d- and p-block Metals: Synthesis and Structure of Platinum-Alane Adducts. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7782-7784.	7.2	122
13	Metal-Mediated Synthesis of 1,4-Di-tert-butyl-1,4-azaborine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10034-10037.	7.2	117
14	Antiaromaticity to Aromaticity: From Boroles to 1,2-Azaborinines by Ring Expansion with Azides. <i>Chemistry - A European Journal</i> , 2014, 20, 9858-9861.	1.7	117
15	Experimental Studies on the Influence of Boryl Ligands in Square-Planar Platinum(II) Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 7171-7176.	1.7	114
16	Controlled homocatenation of boron on a transition metal. <i>Nature Chemistry</i> , 2012, 4, 563-567.	6.6	102
17	[(η -5-C ₅ H ₅)(OC) ₃ Vi $\frac{3}{4}$ Bi $\frac{3}{4}$ N(SiMe ₃) ₂]: A Half-Sandwich Complex with a Terminal Borylene Ligand. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 205-208.	7.2	101
18	Impact of Molecular Flexibility on Binding Strength and Self-Sorting of Chiral π -Surfaces. <i>Journal of the American Chemical Society</i> , 2011, 133, 9580-9591.	6.6	101

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19	Complexes with Dative Bonds between d ⁸ - and s ² -Block Metals: Synthesis and Structure of [(Cy ₃ P) ₂ Pt(η ² -BeCl ₂)X] (X=Cl, Me). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4239-4241.	7.2	94
20	Axially Chiral η ² ,η ² -Bisporphyrins: Synthesis and Configurational Stability Tuned by the Central Metals. <i>Journal of the American Chemical Society</i> , 2008, 130, 17812-17825.	6.6	90
21	Borylene-Based Direct Functionalization of Organic Substrates: Synthesis, Characterization, and Photophysical Properties of Novel η ² -Conjugated Borirenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 8989-8999.	6.6	90
22	The Pentaphenylborole-2,6-Lutidine Adduct: A System with Unusual Thermochromic and Photochromic Properties. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2833-2836.	7.2	90
23	Synthesis and Characterization of Palladium and Platinum Iminoboryl Complexes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 162-165.	7.2	88
24	A Linear, Anionic Dimetalloborylene Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5650-5653.	7.2	88
25	[(OC) ₅ Cr=BSi(SiMe ₃) ₃]: A Terminal Borylene Complex with an Electronically Unsaturated Boron Atom. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4198-4200.	7.2	87
26	Aminoborylene Complexes of Group 6 Elements and Iron: A Synthetic, Structural, and Quantum Chemical Study. <i>Chemistry - A European Journal</i> , 2007, 13, 4770-4781.	1.7	86
27	Reactivity of Pt ⁰ Complexes toward Gallium(III) Halides: Synthesis of a Platinum Gallane Complex and Oxidative Addition of Gallium Halides to Pt ⁰ . <i>Inorganic Chemistry</i> , 2008, 47, 8595-8597.	1.9	86
28	Metal-Mediated Diboration of Alkynes with [2]Borametalloarenephanes under Stoichiometric, Homogeneous, and Heterogeneous Conditions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8048-8051.	7.2	85
29	Boron in the Coordination Spheres of Three Transition-Metal Atoms: Syntheses and Structures of Metalloborylenes Stabilized by a Transition-Metal Base. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1066-1069.	7.2	82
30	The Reduction Chemistry of Ferrocenylborole. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8975-8978.	7.2	81
31	Chiral Aggregates of Atropo-Enantiomeric Perylene Bisimides and Their Self-Sorting Behavior. <i>Chemistry - A European Journal</i> , 2012, 18, 7060-7070.	1.7	78
32	Synthesis and Electronic Structure of a Terminal Alkylborylene Complex. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7785-7787.	7.2	77
33	Late-Transition-Metal Complexes as Tunable Lewis Bases. <i>Chemistry - A European Journal</i> , 2010, 16, 11985-11992.	1.7	77
34	Si-H Activation of hydrosilanes leading to hydrido silyl and bis(silyl) nickel complexes. <i>Dalton Transactions</i> , 2011, 40, 1852.	1.6	77
35	Synthesis and Reactivity Studies of Iminoboryl Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 7974-7983.	6.6	76
36	Synthesis ofansa-[n]Silacyclopentadienyl-Cycloheptatrienyl-Chromium Complexes (n = 1, 2): Novel Precursors for Polymers Bearing Chromium in the Backbone. <i>Chemistry - A European Journal</i> , 2006, 12, 1266-1273.	1.7	75

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37	T-shaped Platinum Boryl Complexes: Synthesis and Structure. <i>Chemistry - A European Journal</i> , 2008, 14, 7858-7866.	1.7	74
38	Chemical Reduction and Dimerization of 1-Chloro-2,3,4,5-tetraphenylborole. <i>Chemistry - A European Journal</i> , 2010, 16, 12229-12233.	1.7	74
39	A Boryl Bridged Complex: An Unusual Coordination Mode of the BR ₂ Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1192-1194.	7.2	73
40	Chiral Self-Recognition and Self-Discrimination of Strapped Perylene Bisimides by π -Stacking Dimerization. <i>Chemistry - A European Journal</i> , 2010, 16, 7380-7384.	1.7	73
41	Quaternizing Diboranes(4): Highly Divergent Outcomes and an Inorganic Wagner-Meerwein Rearrangement. <i>Journal of the American Chemical Society</i> , 2013, 135, 8702-8707.	6.6	73
42	Synthesis and Structure of a Cationic Platinum Borylene Complex. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3979-3982.	7.2	72
43	Synthesis of anansa-[2]Boracyclopentadienylcycloheptatrienylchromium and Its Reaction to theansa-Platinabis(boryl) Complex by Oxidative Addition of the Boron-Boron Bond. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5647-5651.	7.2	71
44	Facile Syntheses of Trovacene, the Formation of [n]Boratrovacenophanes (n= 1, 2), and Their Reactivity toward [Pt(PEt ₃) ₄]. <i>Organometallics</i> , 2006, 25, 4433-4435.	1.1	71
45	Preparation and Structural Characterization of Transition Metal Complexes Featuring the Ferrocenyl(bromo)boryl Ligand. <i>Organometallics</i> , 2004, 23, 5545-5549.	1.1	70
46	Molecular Structure and Cluster Formation of a tert-Butylborylene Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4352-4355.	7.2	69
47	Boron as a Bridging Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1658-1661.	7.2	68
48	Unwinding Antiaromaticity in 1-Bromo-2,3,4,5-tetraphenylborole. <i>Organometallics</i> , 2011, 30, 3210-3216.	1.1	68
49	From Classical to Nonclassical Metal-Boron Bonds: Synthesis of a Novel Metallaborane. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1359-1361.	7.2	67
50	Heterodinuclear Bridged Borylene Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 1386-1387.	6.6	67
51	Synthesis and Electronic Structure of a Ferroborene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5215-5218.	7.2	67
52	NHC-Stabilized 1-Hydro-1-H-borole and Its Nondegenerate Sigmatropic Isomers. <i>Inorganic Chemistry</i> , 2011, 50, 4247-4249.	1.9	66
53	[(1-5-C ₅ H ₅)(OC) ₃ Vi _{1/4} Bi _{1/4} N(SiMe ₃) ₂]: ein Halbsandwichkomplex mit einem terminalen Borylenliganden. <i>Angewandte Chemie</i> , 2003, 115, 215-218.	1.6	65
54	Borylene Metathesis through [2+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8071-8073.	7.2	65

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55	1-Heteroaromatic-Substituted Tetraphenylboroles: π - π Interactions Between Aromatic and Antiaromatic Rings Through a B-C Bond. <i>Journal of the American Chemical Society</i> , 2012, 134, 20169-20177.	6.6	65
56	Borylene Transfer under Thermal Conditions: Synthesis and Structure of a Tetrarhodium Bisborylene Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2132-2134.	7.2	64
57	Platinum substituted boroles. <i>Chemical Communications</i> , 2010, 46, 916.	2.2	62
58	Observation of Elementary Steps in the Catalytic Borane Dehydrocoupling Reaction. <i>Chemistry - A European Journal</i> , 2012, 18, 8605-8609.	1.7	62
59	Synthesis and Reactivity of Semibridging Borylene Complexes. <i>Organometallics</i> , 2006, 25, 5159-5164.	1.1	61
60	Monoborane NHC Adducts in the Coordination Sphere of Transition Metals. <i>Organometallics</i> , 2010, 29, 3987-3990.	1.1	60
61	Halochromic Phenolate Perylene Bisimides with Unprecedented NIR Spectroscopic Properties. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10847-10850.	7.2	59
62	The Triboracyclopropenyl Dianion: The Lightest Possible Main-Group Element $H\frac{1}{4}ckel$ π -Aromatic. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15084-15088.	7.2	58
63	Dative Bonding between Group 13 Elements Using a Boron-Centered Lewis Base. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 436-440.	7.2	58
64	Synthesis and Reactivity of Dihaloboryl Complexes. <i>Organometallics</i> , 2006, 25, 4605-4610.	1.1	56
65	Reactivity of a Terminal Chromium Borylene Complex towards Olefins: Insertion of a Borylene into a C-H Bond. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5978-5980.	7.2	56
66	Ansa [1]Trochrocenophanes and Their Related Unstrained 1,1-Disubstituted Counterparts: Synthesis and Electronic Structure. <i>Journal of the American Chemical Society</i> , 2007, 129, 8893-8906.	6.6	55
67	Stepwise Intermetal Borylene Transfer: Synthesis and Structure of Mono- and Dinuclear Cobalt-Borylene Complexes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5212-5214.	7.2	53
68	Synthesis of $[(\eta^5-C_5H_5)Fe(CO)_2BCl_2 \cdot NC_5H_4-4-Me]$ from $[(\eta^5-C_5H_5)Fe(CO)_2BCl_2]$: First Preparation of a Lewis Acid-Base Adduct from a Boryl Complex. <i>Organometallics</i> , 2004, 23, 4178-4180.	1.1	52
69	Selective Dimetalation of $[Mn(\eta^5-C_5H_5)(\eta^6-C_6H_6)]$: Crystal Structure and Conversion to Strained $[n]$ Metalloarenophanes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1630-1633.	7.2	52
70	Synthesis, Reactivity, and Electronic Structure of $[n]$ Vanadoarenophanes: An Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2008, 130, 11376-11393.	6.6	52
71	Cyclodimerization of an Oxoboryl Complex Induced by <i>trans</i> Ligand Abstraction. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5993-5996.	7.2	52
72	Reactivity of an oxoboryl complex toward fluorinated aryl boron reagents. <i>Chemical Communications</i> , 2010, 46, 6473.	2.2	51

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73	High yield synthesis of a neutral and carbonyl-rich terminal arylborylene complex. <i>Chemical Communications</i> , 2012, 48, 2701.	2.2	49
74	Reactivity of a Platinum Iminoboryl Complex toward Lewis and Brønsted Acids. <i>Journal of the American Chemical Society</i> , 2007, 129, 10350-10351.	6.6	48
75	An early-late heterobimetallic complex with an unsupported dative bond: synthesis and structure of [(Cy ₃ P) ₂ Pt-ZrCl ₄]. <i>Chemical Communications</i> , 2010, 46, 913-915.	2.2	48
76	B ⁺ in the Coordination Sphere of Two Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4931-4933.	7.2	47
77	Electronic and Structural Effects of Stepwise Borylation and Quaternization on Borirene Aromaticity. <i>Journal of the American Chemical Society</i> , 2013, 135, 1903-1911.	6.6	47
78	Ditopic Ambiphilicity of an Anionic Dimetalloborylene Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 2313-2320.	6.6	47
79	Platinum Complexes Containing Pyramidalized Germanium and Tin Dihalide Ligands Bound through σ , π Multiple Bonds. <i>Chemistry - A European Journal</i> , 2014, 20, 16888-16898.	1.7	46
80	Interactions of Isonitriles with Metal-Boron Bonds: Insertions, Coupling, Ring Formation, and Liberation of Monovalent Boron. <i>Chemistry - A European Journal</i> , 2016, 22, 11736-11744.	1.7	46
81	Extending unsupported metal-only Lewis pairs to palladium. <i>Chemical Communications</i> , 2011, 47, 12783.	2.2	44
82	Ferrocenylalanes: Solid-State and Solution Structures of Some New Aluminum-Bridgedansa-Ferrocenes. <i>Inorganic Chemistry</i> , 2005, 44, 4906-4908.	1.9	43
83	Phosphine Adducts of 1,2-dibromo-1,2-dimesityldiborane(4): Between Bridging Halides and Rearrangement Processes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6267-6271.	7.2	43
84	Interaction of (benzylidene-hydrazono)-1,4-dihydropyridines with β -amyloid, acetylcholine, and butyrylcholine esterases. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2049-2059.	1.4	42
85	Synthesis, Structure, and Reactivity of Borole-Functionalized Ferrocenes. <i>Chemistry - A European Journal</i> , 2012, 18, 11732-11746.	1.7	41
86	Desymmetrizing Electron-Deficient Diboranes(4): Diverse Products and Their Reactivity. <i>Chemistry - A European Journal</i> , 2016, 22, 13927-13934.	1.7	41
87	Near-Infrared Quadrupolar Chromophores Combining Three-Coordinate Boron-Based Superdonor and Superacceptor Units. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6449-6454.	7.2	41
88	Syntheses of Mono- and Dinuclear Diiodoboryl Complexes of Platinum. <i>Inorganic Chemistry</i> , 2007, 46, 8796-8800.	1.9	40
89	Borylene-Based Functionalization of Iron-Alkynyl- σ -Complexes and Stepwise Reversible Metal-Boryl-to-Borirene Transformation: Synthesis, Characterization, and Density Functional Theory Studies. <i>Inorganic Chemistry</i> , 2011, 50, 62-71.	1.9	40
90	Oxidative Addition of Boron Trifluoride to a Transition Metal. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10457-10460.	7.2	40

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91	Metathesis Reactions of a Manganese Borylene Complex with Polar Heteroatom-Carbon Double Bonds: A Pathway to Previously Inaccessible Carbene Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 8726-8734.	6.6	40
92	Synthesis and Reactivity of Boron-, Silicon-, and Tin-Bridged η^5 -Cyclopentadienyl- η^5 -Cycloheptatrienyl Titanium Complexes (Troticenophanes). <i>Chemistry - A European Journal</i> , 2010, 16, 11732-11743.	1.7	39
93	Synthesis, Coordination Behavior, and Reduction Chemistry of Cymantrenyl- $\eta^1,3$ -bis(2,3,4,5-tetraphenyl)borole. <i>Chemistry - A European Journal</i> , 2012, 18, 8430-8436.	1.7	39
94	Ring Expansion of 7-Boranorbornadienes by Coordination with an N-Heterocyclic Carbene. <i>Organometallics</i> , 2013, 32, 6353-6359.	1.1	39
95	Lewis Acid-Base Adducts of 1-Mesityl- and 1-Chloro- $\eta^2,3,4,5$ -tetraphenylborole. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1525-1530.	1.0	39
96	Zinc silanethiolates: synthesis and properties. Crystal structures of bis(tri-tert-butoxysilanethiolato)(acetonitrile)zinc(II) and bis(tri-tert-butoxysilanethiolato)(bipyridine)zinc(II). <i>Journal of Organometallic Chemistry</i> , 1996, 521, 39-49.	0.8	38
97	Reactivity of Lewis Basic Platinum Complexes Towards Fluoroboranes. <i>Chemistry - A European Journal</i> , 2013, 19, 8797-8805.	1.7	38
98	Borylene Transfer from an Iron Bis(borylene) Complex: Synthesis of 1,4-Diboracyclohexadiene and 1,4-Dibora- $\eta^1,3$ -Butadiene Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7839-7842.	7.2	37
99	Synthesis and Structure of a Ferrocenylboron Dication. <i>Inorganic Chemistry</i> , 2008, 47, 7456-7458.	1.9	36
100	Oxidative Addition of Br Bonds to Pd ⁰ : Synthesis and Structure of <i>trans</i> -Bromo(boryl)palladium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1462-1466.	1.0	35
101	<i>trans</i> -[Pt(BCat ²)Me(PCy ₃) ₂]: An Experimental Case Study of Reductive Elimination Processes in Pt-Boryls through Associative Mechanisms. <i>Chemistry - A European Journal</i> , 2011, 17, 11828-11837.	1.7	34
102	Synthesis of η^1 -borazine complexes of palladium and platinum. <i>Dalton Transactions</i> , 2008, , 3531.	1.6	33
103	Syntheses and Structures of Mono- and Dinuclear Cationic Base-Stabilized Platinum Borylene Complexes. <i>Organometallics</i> , 2008, 27, 6005-6012.	1.1	33
104	Synthesis of 1-Aza-2-borabutatriene Rhodium Complexes by Thermal Borylene Transfer from [(OC) ₅ Mo $\frac{3}{4}$ BN(SiMe ₃) ₂]. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9462-9466.	7.2	33
105	σ -Donor- π -acceptor plumblylene ligands: synergic σ -donation between ambiphilic Pt ⁰ and Pb ^{II} fragments. <i>Chemical Communications</i> , 2012, 48, 10410.	2.2	33
106	Oligo(borolyl)benzenes: Synthesis and Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 14292-14304.	1.7	33
107	Reversible Intramolecular Coupling of the Terminal Borylene and a Carbonyl Ligand of [Cp(CO) ₂ Mn $\frac{3}{4}$ Bi $\frac{1}{4}$ Bu]. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 729-733.	7.2	33
108	Synthesis, Molecular Structure, and Reactivity of the First Strained [2]Silanickelocenophane. <i>Organometallics</i> , 2007, 26, 6688-6690.	1.1	32

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109	Reductive Borylene-CO Coupling with a Bulky Arylborylene Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10120-10123.	7.2	32
110	Formation, Structure and Reactivity of Boryloxycarbyne Complexes of Group 6 Metals. <i>Chemistry - A European Journal</i> , 2003, 9, 1303-1309.	1.7	31
111	Dilithiation of Bis(benzene)molybdenum and Subsequent Isolation of a Molybdenum-Containing Paracyclophane. <i>Journal of the American Chemical Society</i> , 2007, 129, 4840-4846.	6.6	31
112	Synthesis, Crystal Structure, EPR and DFT Studies, and Redox Properties of [2]Tetramethyldisilacobaltocenophane. <i>Organometallics</i> , 2008, 27, 6427-6433.	1.1	31
113	Synthesis and Coordination Chemistry of 1-Cymantrenyl-2,3,4,5-tetraphenylborole. <i>Inorganic Chemistry</i> , 2011, 50, 4250-4252.	1.9	31
114	Synthesis of Zwitterionic Cobaltocenium Borate and Borata-Carbyne Derivatives from a Borole Radical Anion. <i>Chemistry - A European Journal</i> , 2013, 19, 13396-13401.	1.7	31
115	Trihapto Ligation of a Borirene to a Single Metal Atom: A Heterocyclic Analogue of the η^3 -Cyclopropenyl Ligand. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6263-6266.	7.2	31
116	Reactivity of Boryl Complexes: Synthesis and Structure of New Neutral and Cationic Platinum Boryls and Borylenes. <i>Organometallics</i> , 2012, 31, 1897-1907.	1.1	30
117	Low-Coordinate Boride Ligands: A True Trimetalloborane. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5837-5840.	7.2	29
118	Towards Homoleptic Borylene Complexes: Incorporation of Two Borylene Ligands into a Mononuclear Iridium Species. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9517-9520.	7.2	29
119	Reversible Insertion of Platinum into Coinage Group Metal-Halogen Bonds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10030-10033.	7.2	29
120	Synthesis, Structure and Reactivity of Disila- and Distanna-Halogen Sandwich Complexes of Molybdenum and Tungsten. <i>Chemistry - A European Journal</i> , 2009, 15, 12092-12098.	1.7	28
121	Phosphine-Triggered Co-catenation of σ -BR and CO on an Iron Atom. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10657-10660.	7.2	28
122	Von klassischen zu nichtklassischen Metall-Bor-Bindungen: Synthese und Struktur eines neuartigen Metallaborans Diese Arbeit wurde von der Deutschen Forschungsgemeinschaft, dem Fonds der Chemischen Industrie, dem EPSRC und der Royal Society unterstützt. Wir danken dem Rechenzentrum der RWTH Aachen für großzügige Überlassung von Rechenzeit. H.B. dankt Professor T. P. Fehlner (Notre Dame) für hilfreiche Diskussionen. <i>Angewandte Chemie</i> , 2002, 114, 1415.	1.6	27
123	Dimanganese Bridging Borylene Complexes and their Reactions with Unsaturated Palladium(0) Complexes - Syntheses, Structures and Calculated Properties. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1875-1879.	0.6	26
124	Reactivity of Platinum Iminoboryl Complexes toward Covalent Element-Hydrogen Bonds of Opposing Polarity. <i>Organometallics</i> , 2010, 29, 3457-3462.	1.1	26
125	Elucidating the Reactivity of Vicinal Dicarbenoids: From Lewis Adduct Formation to σ -C Bond Activation. <i>Chemistry - A European Journal</i> , 2016, 22, 13815-13818.	1.7	26
126	Intramolecular Activation of a Disila[2]molybdenocenophanedihydride: Synthesis and Structure of a [1],[1]Metalloarenophane. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9979-9981.	7.2	25

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#	ARTICLE	IF	CITATIONS
253	Synthesis and Reactivity of a Dilithiated Molybdenum Half-Sandwich Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 381-385.	0.6	2
254	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.	1.6	2
255	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.	1.6	2
256	[(OC)5Cr=BSi(SiMe3)3]: A Terminal Borylene Complex with an Electronically Unsaturated Boron Atom. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4198-4200.	7.2	1
257	Cover Picture: A T-Shaped Platinum(II) Boryl Complex as the Precursor to a Platinum Compound with a Base-Stabilized Borylene Ligand (<i>Angew. Chem. Int. Ed.</i> 35/2005). <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5535-5535.	7.2	0
258	Frontispiece: Platinum Complexes Containing Pyramidalized Germanium and Tin Dihalide Ligands Bound through σ and π Multiple Bonds. <i>Chemistry - A European Journal</i> , 2014, 20, .	1.7	0
259	Antiaromaticity to Aromaticity: From Boroles to 1,2-Azaborinines by Ring Expansion with Azides. <i>Chemistry - A European Journal</i> , 2014, 20, 9821-9821.	1.7	0
260	Platinum trans-Bis(borirene) Complexes Displaying Coplanarity and Communication Across a Platinum Metal Center. <i>Chemistry - A European Journal</i> , 2015, 21, 2277-2277.	1.7	0
261	Dicyclohexyl(2,4,6-triisopropylbiphenyl-2-yl)phosphine-dichlorophenylborane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2787-o2787.	0.2	0