

Krzysztof Radacki

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307
papers

10,960
citations

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85
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317
ext. papers

11,737
ext. citations

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avg, IF

6.32
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 307 | 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, 6215-28 | 16.4 | 553 |
| 306 | Ambient-temperature isolation of a compound with a boron-boron triple bond. <i>Science</i> , 2012 , 336, 1420-3 | 33.3 | 437 |
| 305 | Multiple complexation of CO and related ligands to a main-group element. <i>Nature</i> , 2015 , 522, 327-30 | 50.4 | 245 |
| 304 | Synthesis and structure of a carbene-stabilized pi-boryl anion. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2041-4 | 16.4 | 182 |
| 303 | Oxoboryl complexes: boron-oxygen triple bonds stabilized in the coordination sphere of platinum. <i>Science</i> , 2010 , 328, 345-7 | 33.3 | 162 |
| 302 | Neutral zero-valent s-block complexes with strong multiple bonding. <i>Nature Chemistry</i> , 2016 , 8, 638-42 | 17.6 | 127 |
| 301 | Isolation of a neutral boron-containing radical stabilized by a cyclic (alkyl)(amino)carbene. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7360-3 | 16.4 | 125 |
| 300 | 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, 19044-7 | 16.4 | 120 |
| 299 | An isolable radical anion based on the borole framework. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2977-80 | 16.4 | 119 |
| 298 | 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, 5651-4 | 16.4 | 119 |
| 297 | Interaction between d- and p-block metals: synthesis and structure of platinum-alane adducts. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7782-4 | 16.4 | 115 |
| 296 | Main-Group Metallomimetics: Transition Metal-like Photolytic CO Substitution at Boron. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1802-1805 | 16.4 | 111 |
| 295 | Metal-mediated synthesis of 1,4-di-tert-butyl-1,4-azaborine. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10034-7 | 16.4 | 105 |
| 294 | Experimental studies on the trans-influence of boryl ligands in square-planar platinum(II) complexes. <i>Chemistry - A European Journal</i> , 2007 , 13, 7171-6 | 4.8 | 104 |
| 293 | Antiaromaticity to aromaticity: from boroles to 1,2-azaborinines by ring expansion with azides. <i>Chemistry - A European Journal</i> , 2014 , 20, 9858-61 | 4.8 | 101 |
| 292 | [(Eta5-C5H5)(OC)3V=B=N(SiMe3)2]: a half-sandwich complex with a terminal borylene ligand. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 205-8 | 16.4 | 99 |
| 291 | Controlled homocatenation of boron on a transition metal. <i>Nature Chemistry</i> , 2012 , 4, 563-7 | 17.6 | 96 |

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|-----|---|------|----|
| 290 | Synthese und Struktur eines Carben-stabilisierten EBoryl-Anions. <i>Angewandte Chemie</i> , 2010 , 122, 2085-2088 | 16.4 | 88 |
| 289 | Impact of molecular flexibility on binding strength and self-sorting of chiral Bsurfaces. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9580-91 | 16.4 | 87 |
| 288 | The pentaphenylborole-2,6-lutidine adduct: a system with unusual thermochromic and photochromic properties. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2833-6 | 16.4 | 85 |
| 287 | Complexes with dative bonds between d- and s-block metals: synthesis and structure of [(Cy3P)2Pt-Be(Cl)X] (X = Cl, Me). <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4239-41 | 16.4 | 85 |
| 286 | Axially chiral beta,beta'-bisporphyrins: synthesis and configurational stability tuned by the central metals. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17812-5 | 16.4 | 85 |
| 285 | [(OC) Cr=BSi(SiMe)]: A Terminal Borylene Complex with an Electronically Unsaturated Boron Atom. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 4198-4200 | 16.4 | 84 |
| 284 | Aminoborylene complexes of group 6 elements and iron: a synthetic, structural, and quantum chemical study. <i>Chemistry - A European Journal</i> , 2007 , 13, 4770-81 | 4.8 | 83 |
| 283 | A linear, anionic dimetalloborylene complex. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5650-3 | 16.4 | 83 |
| 282 | Metal-mediated diboration of alkynes with [2]borametalloarenophanes under stoichiometric, homogeneous, and heterogeneous conditions. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 8048-51 | 16.4 | 82 |
| 281 | Reactivity of Pt0 complexes toward gallium(III) halides: synthesis of a platinum gallane complex and oxidative addition of gallium halides to Pt0. <i>Inorganic Chemistry</i> , 2008 , 47, 8595-7 | 5.1 | 80 |
| 280 | 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, 1066-9 | 16.4 | 80 |
| 279 | Borylene-based direct functionalization of organic substrates: synthesis, characterization, and photophysical properties of novel pi-conjugated borirenes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8989-99 | 16.4 | 77 |
| 278 | Synthesis and characterization of palladium and platinum iminoboryl complexes. <i>Angewandte Chemie - International Edition</i> , 2005 , 45, 162-5 | 16.4 | 76 |
| 277 | Ein T-förmiger Platin(II)borylkomplex als Vorstufe für einen Platinkomplex mit einem basenstabilisierten Borylenliganden. <i>Angewandte Chemie</i> , 2005 , 117, 5796-5799 | 3.6 | 76 |
| 276 | The reduction chemistry of ferrocenylborole. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8975-86 | 16.4 | 74 |
| 275 | Synthesis and electronic structure of a terminal alkylborylene complex. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7785-7 | 16.4 | 74 |
| 274 | T-shaped platinum boryl complexes: synthesis and structure. <i>Chemistry - A European Journal</i> , 2008 , 14, 7858-66 | 4.8 | 73 |
| 273 | A boryl bridged complex: an unusual coordination mode of the BR2 ligand. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1192-4 | 16.4 | 71 |

- 272 Si-H activation of hydrosilanes leading to hydrido silyl and bis(silyl) nickel complexes. *Dalton Transactions*, **2011**, 40, 1852-4 4.3 70
- 271 Late-transition-metal complexes as tunable Lewis bases. *Chemistry - A European Journal*, **2010**, 16, 11985-92 4.8 70
- 270 Chemical reduction and dimerization of 1-chloro-2,3,4,5-tetraphenylborole. *Chemistry - A European Journal*, **2010**, 16, 12229-33 4.8 70
- 269 Synthesis and structure of a cationic platinum borylene complex. *Angewandte Chemie - International Edition*, **2007**, 46, 3979-82 16.4 70
- 268 Synthesis of ansa-[n]silacyclopentadienyl-cycloheptatrienyl-chromium complexes (n = 1, 2): novel precursors for polymers bearing chromium in the backbone. *Chemistry - A European Journal*, **2006**, 12, 1266-73 4.8 70
- 267 Facile Syntheses of Trovacene, the Formation of [n]Boratrovacenophanes (n= 1, 2), and Their Reactivity toward [Pt(PtEt₃)₄]. *Organometallics*, **2006**, 25, 4433-4435 3.8 69
- 266 Preparation and Structural Characterization of Transition Metal Complexes Featuring the Ferrocenyl(bromo)boryl Ligand. *Organometallics*, **2004**, 23, 5545-5549 3.8 69
- 265 Boron as a bridging ligand. *Angewandte Chemie - International Edition*, **2005**, 44, 1658-61 16.4 67
- 264 Synthesis of ansa-[2]boracyclopentadienylcycloheptatrienylchromium and its reaction to the ansa-platinabis(boryl) complex by oxidative addition of the boron-boron bond. *Angewandte Chemie - International Edition*, **2005**, 44, 5647-51 16.4 67
- 263 Quaternizing diboranes(4): highly divergent outcomes and an inorganic Wagner-Meerwein rearrangement. *Journal of the American Chemical Society*, **2013**, 135, 8702-7 16.4 66
- 262 Synthesis and reactivity studies of iminoboryl complexes. *Journal of the American Chemical Society*, **2008**, 130, 7974-83 16.4 65
- 261 Molecular structure and cluster formation of a tert-butylborylene complex. *Angewandte Chemie - International Edition*, **2006**, 45, 4352-5 16.4 65
- 260 [(C₅H₅)(OC)₃V(B?N(SiMe₃)₂)]: ein Halbsandwichkomplex mit einem terminalen Borylenliganden. *Angewandte Chemie*, **2003**, 115, 215-218 3.6 65
- 259 Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. *Chemistry - A European Journal*, **2012**, 18, 7060-70 4.8 64
- 258 From classical to nonclassical metal-boron bonds: synthesis of a novel metallaborane. *Angewandte Chemie - International Edition*, **2002**, 41, 1359-61 16.4 64
- 257 1-Heteroaromatic-substituted tetraphenylboroles: π-Interactions between aromatic and antiaromatic rings through a B-C bond. *Journal of the American Chemical Society*, **2012**, 134, 20169-77 16.4 63
- 256 Borylene transfer under thermal conditions: synthesis and structure of a tetrarhodium bisborylene complex. *Angewandte Chemie - International Edition*, **2006**, 45, 2132-4 16.4 63
- 255 Heterodinuclear bridged borylene complexes. *Journal of the American Chemical Society*, **2005**, 127, 1386-7. 16.4 63

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|-----|---|------|----|
| 254 | Synthesis and electronic structure of a ferroborylene. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5215-8 | 16.4 | 61 |
| 253 | Synthesis and Reactivity of Semibridging Borylene Complexes. <i>Organometallics</i> , 2006 , 25, 5159-5164 | 3.8 | 61 |
| 252 | Platinum substituted boroles. <i>Chemical Communications</i> , 2010 , 46, 916-8 | 5.8 | 60 |
| 251 | NHC-stabilized 1-hydro-1H-borole and its nondegenerate sigmatropic isomers. <i>Inorganic Chemistry</i> , 2011 , 50, 4247-9 | 5.1 | 60 |
| 250 | Borylene metathesis through [2+2] cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8071-3 | 16.4 | 60 |
| 249 | Unwinding Antiaromaticity in 1-Bromo-2,3,4,5-tetraphenylborole. <i>Organometallics</i> , 2011 , 30, 3210-3216 | 3.8 | 59 |
| 248 | Observation of elementary steps in the catalytic borane dehydrocoupling reaction. <i>Chemistry - A European Journal</i> , 2012 , 18, 8605-9 | 4.8 | 58 |
| 247 | Metall-vermittelte Synthese von 1,4-Di-tert-butyl-1,4-azaborin. <i>Angewandte Chemie</i> , 2012 , 124, 10177-10180 | 3.8 | 57 |
| 246 | Monoborane NHC Adducts in the Coordination Sphere of Transition Metals. <i>Organometallics</i> , 2010 , 29, 3987-3990 | 3.8 | 55 |
| 245 | Bor in der Koordinationssphäre von drei Übergangsmetallen: Synthese und Strukturen von Metall-Base-stabilisierten Metallborylenkomplexen. <i>Angewandte Chemie</i> , 2006 , 118, 1087-1090 | 3.6 | 54 |
| 244 | Isolierung eines neutralen, Bor-haltigen Radikals, stabilisiert durch ein cyclisches (Alkyl)(amino)carben. <i>Angewandte Chemie</i> , 2014 , 126, 7488-7491 | 3.6 | 53 |
| 243 | Ein isolierbares Borol-basiertes Radikalanion. <i>Angewandte Chemie</i> , 2012 , 124, 3031-3034 | 3.6 | 53 |
| 242 | [(OC)5Cr=BSi(SiMe3)3]: Ein terminaler Borylenkomplex mit elektronisch ungesättigtem Boratom. <i>Angewandte Chemie</i> , 2001 , 113, 4327-4329 | 3.6 | 53 |
| 241 | 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 |
| 240 | Chiral self-recognition and self-discrimination of strapped perylene bisimides by pi-stacking dimerization. <i>Chemistry - A European Journal</i> , 2010 , 16, 7380-4 | 4.8 | 52 |
| 239 | Stepwise intermetal borylene transfer: synthesis and structure of mono- and dinuclear cobalt-borylene complexes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5212-4 | 16.4 | 52 |
| 238 | 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, 5978-80 | 16.4 | 52 |
| 237 | Synthesis and Reactivity of Dihaloboryl Complexes. <i>Organometallics</i> , 2006 , 25, 4605-4610 | 3.8 | 52 |

- 236 Bor als verbrückender Ligand. *Angewandte Chemie*, **2005**, 117, 1685-1688 3.6 52
- 235 Synthesis, reactivity, and electronic structure of [n]vanadoarenophanes: an experimental and theoretical study. *Journal of the American Chemical Society*, **2008**, 130, 11376-93 16.4 51
- 234 Ansa [1]trochrocenophanes and their related unstrained 1,1'-disubstituted counterparts: synthesis and electronic structure. *Journal of the American Chemical Society*, **2007**, 129, 8893-906 16.4 51
- 233 Selective dimetalation of [Mn(eta⁵-C₅H₅)(eta⁶-C₆H₆)]: crystal structure and conversion to strained [n]metalloarenophanes. *Angewandte Chemie - International Edition*, **2007**, 46, 1630-3 16.4 51
- 232 Halochromic phenolate perylene bisimides with unprecedented NIR spectroscopic properties. *Angewandte Chemie - International Edition*, **2011**, 50, 10847-50 16.4 50
- 231 Cyclodimerization of an oxoboryl complex induced by trans ligand abstraction. *Angewandte Chemie - International Edition*, **2010**, 49, 5993-6 16.4 49
- 230 Synthesis of [(η⁵-C₅H₅)Fe(CO)₂BCl₂[NC₅H₄-4-Me] from [(η⁵-C₅H₅)Fe(CO)₂BCl₂]: First Preparation of a Lewis Acid-Base Adduct from a Boryl Complex. *Organometallics*, **2004**, 23, 4178-4180 3.8 49
- 229 Synthese von ansa-[2]Boracyclopentadienylcycloheptatrienylchrom und Reaktion zum ansa-Platinabis(boryl)-Komplex durch oxidative Addition der Bor-Bor-Bindung. *Angewandte Chemie*, **2005**, 117, 5792-5796 3.6 48
- 228 High yield synthesis of a neutral and carbonyl-rich terminal arylborylene complex. *Chemical Communications*, **2012**, 48, 2701-3 5.8 46
- 227 Reactivity of an oxoboryl complex toward fluorinated aryl boron reagents. *Chemical Communications*, **2010**, 46, 6473-5 5.8 46
- 226 Ein linearer anionischer Dimetallborylenkomplex. *Angewandte Chemie*, **2008**, 120, 5732-5735 3.6 46
- 225 Ditopic ambiphilicity of an anionic dimetalloborylene complex. *Journal of the American Chemical Society*, **2013**, 135, 2313-20 16.4 44
- 224 An early-late heterobimetallic complex with an unsupported dative bond: synthesis and structure of [(Cy(3)P)(2)Pt-ZrCl(4)]. *Chemical Communications*, **2010**, 46, 913-5 5.8 44
- 223 B⁺ in the coordination sphere of two transition metals. *Angewandte Chemie - International Edition*, **2008**, 47, 4931-3 16.4 44
- 222 Metallvermittelte Diborierung von Alkinen mit [2]Borametalloarenophanen unter stöchiometrischen, homogen- und heterogenkatalytischen Bedingungen. *Angewandte Chemie*, **2006**, 118, 8217-8220 3.6 44
- 221 The Triboracyclopentenyl Dianion: The Lightest Possible Main-Group-Element Hückel π -Aromatic. *Angewandte Chemie - International Edition*, **2015**, 54, 15084-8 16.4 43
- 220 Extending unsupported metal-only Lewis pairs to palladium. *Chemical Communications*, **2011**, 47, 12783-5.8 42
- 219 Reactivity of a platinum iminoboryl complex toward Lewis and Brønsted acids. *Journal of the American Chemical Society*, **2007**, 129, 10350-1 16.4 42

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| 218 | Ferrocenylalanes: solid-state and solution structures of some new aluminum-bridged ansa-ferrocenes. <i>Inorganic Chemistry</i> , 2005 , 44, 4906-8 | 5.1 | 42 |
| 217 | 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 |
| 216 | Das Pentaphenylborol-2,6-Lutidin-Addukt: ein System mit ungewöhnlichen thermo- und photochromen Eigenschaften. <i>Angewandte Chemie</i> , 2011 , 123, 2885-2888 | 3.6 | 40 |
| 215 | Wechselwirkung zwischen d- und p-Block-Metallen: Synthese und Struktur von Platin-Alan-Addukten. <i>Angewandte Chemie</i> , 2007 , 119, 7929-7931 | 3.6 | 40 |
| 214 | Struktur und Clusterbildung eines tert-Butylborylenkomplexes. <i>Angewandte Chemie</i> , 2006 , 118, 4458-4466 | 3.6 | 40 |
| 213 | Ein verbrückter Borylkomplex: ungewöhnlicher Koordinationsmodus für den BR ₂ -Liganden. <i>Angewandte Chemie</i> , 2005 , 117, 1217-1219 | 3.6 | 40 |
| 212 | Phosphine adducts of 1,2-dibromo-1,2-dimesityldiborane(4): between bridging halides and rearrangement processes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6267-71 | 16.4 | 39 |
| 211 | Syntheses of mono- and dinuclear diiodoboryl complexes of platinum. <i>Inorganic Chemistry</i> , 2007 , 46, 8796-800 | 5.1 | 39 |
| 210 | Boryltransfer unter thermischen Bedingungen: Synthese und Struktur eines Tetrarhodium-Bisborylenkomplexes. <i>Angewandte Chemie</i> , 2006 , 118, 2187-2189 | 3.6 | 39 |
| 209 | Reduktion von Ferrocenylborol. <i>Angewandte Chemie</i> , 2010 , 122, 9159-9162 | 3.6 | 38 |
| 208 | Synthese und Struktur eines kationischen Platinborylenkomplexes. <i>Angewandte Chemie</i> , 2007 , 119, 4054-4057 | 3.6 | 38 |
| 207 | Synthese und Elektronenstruktur eines terminalen Alkylborylenkomplexes. <i>Angewandte Chemie</i> , 2007 , 119, 7932-7934 | 3.6 | 38 |
| 206 | Synthesis, structure, and reactivity of borole-functionalized ferrocenes. <i>Chemistry - A European Journal</i> , 2012 , 18, 11732-46 | 4.8 | 37 |
| 205 | Synthesis and reactivity of boron-, silicon-, and tin-bridged ansa-cyclopentadienyl-cycloheptatrienyl titanium complexes (troticenophanes). <i>Chemistry - A European Journal</i> , 2010 , 16, 11732-43 | 4.8 | 37 |
| 204 | Interaction of (benzylidene-hydrazono)-1,4-dihydropyridines with beta-amyloid, acetylcholine, and butyrylcholine esterases. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 2049-59 | 3.4 | 37 |
| 203 | Platinum complexes containing pyramidalized germanium and tin dihalide ligands bound through σ -M=E multiple bonds. <i>Chemistry - A European Journal</i> , 2014 , 20, 16888-98 | 4.8 | 36 |
| 202 | Synthesis, coordination behavior, and reduction chemistry of cymantrenyl-1,3-bis(2,3,4,5-tetraphenyl)borole. <i>Chemistry - A European Journal</i> , 2012 , 18, 8430-6 | 4.8 | 36 |
| 201 | Ring Expansion of 7-Boranorbornadienes by Coordination with an N-Heterocyclic Carbene. <i>Organometallics</i> , 2013 , 32, 6353-6359 | 3.8 | 36 |

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|-----|--|------|----|
| 200 | Reactivity of Lewis basic platinum complexes towards fluoroboranes. <i>Chemistry - A European Journal</i> , 2013 , 19, 8797-805 | 4.8 | 35 |
| 199 | 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, 8726-34 | 16.4 | 35 |
| 198 | Oxidative addition of boron trifluoride to a transition metal. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10457-60 | 16.4 | 35 |
| 197 | Lewis Acid-Base Adducts of 1-Mesityl- and 1-Chloro-2,3,4,5-tetraphenylborole. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1525-1530 | 2.3 | 34 |
| 196 | Komplexe mit dativen Bindungen zwischen d- und s-Block-Metallen: Synthese und Struktur von [(Cy3P)2Pt-Be(Cl)X] (X=Cl, Me). <i>Angewandte Chemie</i> , 2009 , 121, 4303-4305 | 3.6 | 34 |
| 195 | Synthesis and structure of a ferrocenylboron dication. <i>Inorganic Chemistry</i> , 2008 , 47, 7456-8 | 5.1 | 34 |
| 194 | Synthese und Charakterisierung von Iminoborylkomplexen des Palladiums und Platins. <i>Angewandte Chemie</i> , 2006 , 118, 169-172 | 3.6 | 34 |
| 193 | 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 | 2.3 | 34 |
| 192 | Electronic and structural effects of stepwise borylation and quaternization on borirene aromaticity. <i>Journal of the American Chemical Society</i> , 2013 , 135, 1903-11 | 16.4 | 33 |
| 191 | trans-[Pt(BCat')Me(PCy3)2]: an experimental case study of reductive elimination processes in Pt-Boryls through associative mechanisms. <i>Chemistry - A European Journal</i> , 2011 , 17, 11828-37 | 4.8 | 33 |
| 190 | Oxidative Addition of BBr Bonds to Pd0: Synthesis and Structure of trans-Bromo(boryl)palladium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1462-1466 | 2.3 | 33 |
| 189 | Reversible intramolecular coupling of the terminal borylene and a carbonyl ligand of [Cp(CO)2Mn=B-tBu]. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 729-33 | 16.4 | 32 |
| 188 | Syntheses and Structures of Mono- and Dinuclear Cationic Base-Stabilized Platinum Borylene Complexes. <i>Organometallics</i> , 2008 , 27, 6005-6012 | 3.8 | 32 |
| 187 | Desymmetrizing Electron-Deficient Diboranes(4): Diverse Products and Their Reactivity. <i>Chemistry - A European Journal</i> , 2016 , 22, 13927-13934 | 4.8 | 32 |
| 186 | Reductive borylene-CO coupling with a bulky arylborylene complex. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10120-3 | 16.4 | 31 |
| 185 | Borylene-based functionalization of iron-alkynyl- π -complexes and stepwise reversible metal-boryl-to-borirene transformation: synthesis, characterization, and density functional theory studies. <i>Inorganic Chemistry</i> , 2011 , 50, 62-71 | 5.1 | 31 |
| 184 | Selektive Dimetallierung von [Mn(η -C5H5)(η -C6H6)]: Struktur im Kristall und Umsetzung zu gespannten [n]Metalloarenophanen. <i>Angewandte Chemie</i> , 2007 , 119, 1655-1658 | 3.6 | 31 |
| 183 | Borylen-Metathese über eine [2+2]-Cycloaddition. <i>Angewandte Chemie</i> , 2007 , 119, 8217-8219 | 3.6 | 31 |

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|-----|--|------|----|
| 182 | Das Triboracyclopropenyl-Dianion: der leichteste Hückel-Aromat aller Hauptgruppenelemente. <i>Angewandte Chemie</i> , 2015 , 127, 15299-15303 | 3.6 | 30 |
| 181 | Oligo(borolyl)benzenes--synthesis and properties. <i>Chemistry - A European Journal</i> , 2012 , 18, 14292-304 | 4.8 | 30 |
| 180 | Synthesis, Crystal Structure, EPR and DFT Studies, and Redox Properties of [2]Tetramethyldisilacobaltocenophane. <i>Organometallics</i> , 2008 , 27, 6427-6433 | 3.8 | 30 |
| 179 | Synthesis, Molecular Structure, and Reactivity of the First Strained [2]Silanickelocenophane. <i>Organometallics</i> , 2007 , 26, 6688-6690 | 3.8 | 30 |
| 178 | Formation, structure and reactivity of boryloxycarbyne complexes of group 6 metals. <i>Chemistry - A European Journal</i> , 2003 , 9, 1303-9 | 4.8 | 30 |
| 177 | Near-Infrared Quadrupolar Chromophores Combining Three-Coordinate Boron-Based Superdonor and Superacceptor Units. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6449-6454 | 16.4 | 30 |
| 176 | Synthesis of zwitterionic cobaltocenium borate and borata-alkene derivatives from a borole-radical anion. <i>Chemistry - A European Journal</i> , 2013 , 19, 13396-401 | 4.8 | 29 |
| 175 | Donor-Acceptor plumbylene ligands: synergic donation between ambiphilic Pt(0) and Pb(II) fragments. <i>Chemical Communications</i> , 2012 , 48, 10410-2 | 5.8 | 29 |
| 174 | Borylene transfer from an iron bis(borylene) complex: synthesis of 1,4-diboracyclohexadiene and 1,4-dibora-1,3-butadiene complexes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7839-42 | 16.4 | 29 |
| 173 | Synthesis of 1-aza-2-borabutatriene rhodium complexes by thermal borylene transfer from [(OC)5Mo=BN(SiMe3)2]. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9462-6 | 16.4 | 29 |
| 172 | Synthesis of eta1-borazine complexes of palladium and platinum. <i>Dalton Transactions</i> , 2008 , 3531-4 | 4.3 | 29 |
| 171 | Synthese und Elektronenstruktur eines Ferroborirens. <i>Angewandte Chemie</i> , 2007 , 119, 5307-5310 | 3.6 | 28 |
| 170 | Reactivity of Boryl Complexes: Synthesis and Structure of New Neutral and Cationic Platinum Boryls and Borylenes. <i>Organometallics</i> , 2012 , 31, 1897-1907 | 3.8 | 27 |
| 169 | Synthesis and coordination chemistry of 1-cymantrenyl-2,3,4,5-tetraphenylborole. <i>Inorganic Chemistry</i> , 2011 , 50, 4250-2 | 5.1 | 27 |
| 168 | Synthesis, structure and reactivity of disila- and distanna ansa half-sandwich complexes of molybdenum and tungsten. <i>Chemistry - A European Journal</i> , 2009 , 15, 12092-8 | 4.8 | 27 |
| 167 | Towards homoleptic borylene complexes: incorporation of two borylene ligands into a mononuclear iridium species. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9517-20 | 16.4 | 27 |
| 166 | Dilithiation of Bis(benzene)molybdenum and subsequent isolation of a molybdenum-containing paracyclophane. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4840-6 | 16.4 | 27 |
| 165 | Von klassischen zu nichtklassischen Metall-Bor-Bindungen: Synthese und Struktur eines neuartigen Metallaborans. <i>Angewandte Chemie</i> , 2002 , 114, 1415 | 3.6 | 27 |

- 164 Phosphine-triggered co-catenation of :BR and CO on an iron atom. *Angewandte Chemie - International Edition*, **2013**, 52, 10657-60 16.4 26
- 163 Reversible insertion of platinum into coinage group metal-halogen bonds. *Angewandte Chemie - International Edition*, **2012**, 51, 10030-3 16.4 26
- 162 Low-coordinate boride ligands: a true trimetalloborane. *Angewandte Chemie - International Edition*, **2009**, 48, 5837-40 16.4 26
- 161 Stufenweiser Intermetallborylenttransfer: Synthese und Struktur von ein- und zweikernigen Cobaltborylenkomplexen. *Angewandte Chemie*, **2007**, 119, 5304-5306 3.6 26
- 160 Zur Reaktivität eines terminalen Chromborylenkomplexes gegenüber Olefinen: Boryleneinschub in eine C-H-Bindung. *Angewandte Chemie*, **2008**, 120, 6067-6069 3.6 26
- 159 Dimanganese Bridging Borylene Complexes and their Reactions with Unsaturated Palladium(0) Complexes: Syntheses, Structures and Calculated Properties. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2008**, 634, 1875-1879 1.3 24
- 158 Sonogashira, CuAAC, and Oxime Ligations for the Synthesis of MnI Tricarbonyl PhotoCORM Peptide Conjugates. *European Journal of Inorganic Chemistry*, **2014**, 2014, 2886-2895 2.3 23
- 157 Transmetallation between metal-only Lewis pairs: a new rhodium alane complex. *Chemical Communications*, **2012**, 48, 10407-9 5.8 23
- 156 Selective dilithiation of [Ti(η⁵-C₅H₅)(η⁸-C₈H₈)] and subsequent conversion into neutral and cationic ansa-complexes. *Journal of the American Chemical Society*, **2011**, 133, 5780-3 16.4 23
- 155 Elucidating the Reactivity of Vicinal Dicarbenoids: From Lewis Adduct Formation to B-C Bond Activation. *Chemistry - A European Journal*, **2016**, 22, 13815-13818 4.8 22
- 154 Dative Wechselwirkungen einer Bor-zentrierten Lewis-Base mit Gruppe-13-Elementen. *Angewandte Chemie*, **2016**, 128, 447-451 3.6 22
- 153 Diverse reactions of N-heterocyclic carbenes with an alkynylborane and isolation of a reactive zwitterionic borataallene. *Chemical Communications*, **2014**, 50, 97-9 5.8 22
- 152 Reactivity of Platinum Iminoboryl Complexes toward Covalent Element-Hydrogen Bonds of Opposing Polarity. *Organometallics*, **2010**, 29, 3457-3462 3.8 22
- 151 Synthesis of Chloro Boryl Complexes by Oxidative Addition of B-Cl Bonds. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2009**, 635, 208-210 1.3 22
- 150 Synthesis and Characterisation of Semi-Bridging Molybdenum Borylene Complexes. *European Journal of Inorganic Chemistry*, **2007**, 2007, 4350-4356 2.3 22
- 149 Intramolecular activation of a disila[2]molybdenocenophanedihydride: synthesis and structure of a [1],[1]metalloarenophane. *Angewandte Chemie - International Edition*, **2008**, 47, 9979-81 16.4 22
- 148 Isolation of the key intermediates of base-promoted borylene-carbonyl coupling reactions. *Chemical Science*, **2014**, 5, 2271 9.4 21
- 147 Trihapto ligation of a borirene to a single metal atom: a heterocyclic analogue of the η³-cyclopropenyl ligand. *Angewandte Chemie - International Edition*, **2014**, 53, 6263-6 16.4 20

| | | | |
|-----|--|------|----|
| 146 | A paramagnetic heterobimetallic polymer: synthesis, reactivity, and ring-opening polymerization of tin-bridged homo- and heteroleptic vanadoarenophanes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1492-500 | 16.4 | 20 |
| 145 | Reduktive Borylen-CO-Kupplung an einem sterisch anspruchsvollen Arylborylenkomplex. <i>Angewandte Chemie</i> , 2013 , 125, 10307-10310 | 3.6 | 20 |
| 144 | B+ in der Koordinationssphäre zweier Übergangsmetalle. <i>Angewandte Chemie</i> , 2008 , 120, 5009-5011 | 3.6 | 20 |
| 143 | Coordination of metal-boryl bonds to gold(I). <i>Chemical Communications</i> , 2013 , 49, 9905-7 | 5.8 | 19 |
| 142 | Koordination von Phosphanen an 1,2-Dibrom-1,2-dimesityldiboran(4) zwischen Halogenbrücken und Umlagerungsprozessen. <i>Angewandte Chemie</i> , 2012 , 124, 6372-6376 | 3.6 | 19 |
| 141 | Synthesis of Half-Sandwich Tungsten Chlorogermyl and Chlorostannyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3416-3424 | 2.3 | 19 |
| 140 | Facile Access to Unprecedented Electron-Precise Monohydrodiboranes(4), cis-1,2-Dihydrodiboranes(4), and a 1,1-Dihydrodiborane(5). <i>Chemistry - A European Journal</i> , 2017 , 23, 2179-2184 | 4.8 | 18 |
| 139 | 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 |
| 138 | Planar four-coordinate boron: a single, flat boron atom as a ligand for four metals. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2183-6 | 16.4 | 18 |
| 137 | Transition metal complexes of axially chiral tetrathioether bay-substituted perylene bisimide dyes. <i>Chemical Communications</i> , 2013 , 49, 9107-9 | 5.8 | 18 |
| 136 | Side-on coordination of boryl and borylene complexes to cationic coinage metal fragments. <i>Chemical Science</i> , 2015 , 6, 2989-2996 | 9.4 | 18 |
| 135 | Phosphan-induzierte Verkettung von :BR und CO an einem Eisenatom. <i>Angewandte Chemie</i> , 2013 , 125, 10851-10854 | 3.6 | 18 |
| 134 | Halochromic Phenolate Perylene Bisimides with Unprecedented NIR Spectroscopic Properties. <i>Angewandte Chemie</i> , 2011 , 123, 11039-11042 | 3.6 | 18 |
| 133 | Syntheses of Group 4 ansa-trovacene complexes and conversion of [1]silatrovacenophanes into paramagnetic metallocopolymers by ring-opening polymerization. <i>Chemistry - A European Journal</i> , 2011 , 17, 10379-87 | 4.8 | 18 |
| 132 | A Bromide-bridged Platinum(II) Complex as Precursor to a Neutral Platinum Compound with a Base-Stabilized Borylene Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 2089-2092 | 1.3 | 18 |
| 131 | Conversion of trans-Bromoboryl Platinum Complexes into their cis-Analogues upon Treatment with Chelating Bisphosphines. <i>Organometallics</i> , 2008 , 27, 418-422 | 3.8 | 18 |
| 130 | Substituted Ferrocenylboranes Potential Ligand Precursors for ansa- Metallocenes, Constrained Geometry Complexes and ansa-Diamido Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 269-278 | 1.3 | 18 |
| 129 | Cyclic (amino)(imino)carbene complexes by borylene transfer to isocyanides. <i>Chemical Communications</i> , 2013 , 49, 1702-4 | 5.8 | 17 |

| | | | |
|-----|--|------|----|
| 128 | Reversible intramolekulare Kupplung von terminalen Borylen- und Carbonylliganden in [Cp(CO) ₂ Mn ⁺ B ⁻ tBu]. <i>Angewandte Chemie</i> , 2013 , 125, 757-761 | 3.6 | 17 |
| 127 | Borole-Derived Spirocyclic Tetraorganoborate. <i>Organometallics</i> , 2012 , 31, 8463-8466 | 3.8 | 17 |
| 126 | Oxidative Addition von BF ₃ an ein Übergangsmetall. <i>Angewandte Chemie</i> , 2011 , 123, 10641-10644 | 3.6 | 17 |
| 125 | Neutral and anionic transition-metal-base-stabilized metalloborylene complexes. <i>Chemistry - A European Journal</i> , 2010 , 16, 10635-7 | 4.8 | 17 |
| 124 | Carbonyl complexes of platinum(0): synthesis and structure of [(Cy ₃ P) ₂ Pt(CO)] and [(Cy ₃ P) ₂ Pt(CO) ₂]. <i>Inorganic Chemistry</i> , 2011 , 50, 1816-9 | 5.1 | 16 |
| 123 | Niederkoordinierte Boridliganden: ein echtes Trimetalloboran. <i>Angewandte Chemie</i> , 2009 , 121, 5951-5954 | 5.6 | 16 |
| 122 | [1]Borahafnocenophanes: Synthesis, Structure and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2754-2759 | 2.3 | 16 |
| 121 | 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 |
| 120 | A B-C double bond unit coordinated to platinum: an alkylideneboryl ligand that is isoelectronic to neutral aminoborylene Ligands. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2240-4 | 16.4 | 15 |
| 119 | Base-stabilized boryl and cationic haloborylene complexes of iron. <i>Chemistry - A European Journal</i> , 2013 , 19, 13402-7 | 4.8 | 15 |
| 118 | Heteroleptic [1]zirconametalloarenophanes: potential precursors to metal-enriched metallopolymers. <i>Chemical Communications</i> , 2011 , 47, 3998-4000 | 5.8 | 15 |
| 117 | Intramolekulare Aktivierung eines Disila[2]molybdöcencenophandihydrids [Synthese und Struktur eines [1],[1]Metalloarenophans. <i>Angewandte Chemie</i> , 2008 , 120, 10127-10129 | 3.6 | 15 |
| 116 | Platinum oxoboryl complexes as substrates for the formation of 1:1, 1:2, and 2:1 Lewis acid-base adducts and 1,2-dipolar additions. <i>Chemistry - A European Journal</i> , 2015 , 21, 6278-85 | 4.8 | 14 |
| 115 | Synthese von 1-Aza-2-borabutatrien-Rhodiumkomplexen durch thermischen Boryltransfer von [(OC) ₅ Mo ⁺ BN(SiMe ₃) ₂]. <i>Angewandte Chemie</i> , 2011 , 123, 9634-9638 | 3.6 | 14 |
| 114 | Chemoselective boron-carbon bond cleavage by hydroboration of borirenes. <i>Chemistry - A European Journal</i> , 2009 , 15, 12099-106 | 4.8 | 14 |
| 113 | 2,3,5-Tri-tert-butyl-1-carba-nido-tetraborane. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1281-1283 | 10.3 | 14 |
| 112 | Dreifach koordiniertes Bor als Superdonor und -akzeptor für quadrupolare Nahinfrarot-Chromophore. <i>Angewandte Chemie</i> , 2019 , 131, 6516-6521 | 3.6 | 14 |
| 111 | A combined experimental and theoretical study on the isomers of 2,3,4,5-tetracarba-nido-hexaborane(6) derivatives and their photophysical properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 210-8 | 4.8 | 13 |

| | | | |
|-----|--|------|----|
| 110 | Antimicrobial properties of half-sandwich Ir(III) cyclopentadienyl complexes with pyridylbenzimidazole ligands. <i>Dalton Transactions</i> , 2020 , 49, 4491-4501 | 4.3 | 13 |
| 109 | Structural characterization of the anionic half sandwich complex [Li(TMEDA) ₂][Mo(η ⁵ -C ₅ H ₅)(CO) ₃] and its reactivity towards stannanes and distannanes. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 1134-1137 | 2.3 | 13 |
| 108 | Stable Lewis Base Adducts of Tetrahalodiboranes: Synthetic Methods and Structural Diversity. <i>Chemistry - A European Journal</i> , 2019 , 25, 8612-8622 | 4.8 | 12 |
| 107 | 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 |
| 106 | Controlling Regiochemistry in the Syntheses of Boraindanes from Diborane(4) Starting Materials. <i>Chemistry - A European Journal</i> , 2016 , 22, 11441-9 | 4.8 | 12 |
| 105 | Partially and Fully Reversible Solvation-Controlled Borylene Swapping and Metal-Only Lewis Pair Formation. <i>Organometallics</i> , 2014 , 33, 3649-3651 | 3.8 | 12 |
| 104 | Heteroleptic [n]chromoarenophanes: ansa complexes derived from [Cr(η ⁵ -C ₅ H ₅)(η ⁶ -C ₆ H ₆)]. <i>Chemistry - A European Journal</i> , 2013 , 19, 270-81 | 4.8 | 12 |
| 103 | An iridium N-heterocyclic carbene complex [IrCl(CO) ₂ (NHC)] as a carbon monoxide-releasing molecule (CORM). <i>Journal of Organometallic Chemistry</i> , 2015 , 782, 116-123 | 2.3 | 12 |
| 102 | Borylenttransfer mit einem Eisenbis(borylen)komplex: Synthese von 1,4-Diboracyclohexadien- und 1,4-Dibora-1,3-butadienkomplexen. <i>Angewandte Chemie</i> , 2012 , 124, 7959-7962 | 3.6 | 12 |
| 101 | Cyclodimerisierung eines Oxoborylkomplexes durch trans-Ligandabstraktion. <i>Angewandte Chemie</i> , 2010 , 122, 6130-6133 | 3.6 | 12 |
| 100 | Reactivity of the bridged borylene complex [EBCl(η ⁵ -C ₅ H ₄ Me)Mn(CO) ₂] ₂ . <i>Inorganica Chimica Acta</i> , 2004 , 357, 1822-1828 | 2.7 | 12 |
| 99 | Synthesis and structure of [Zr(η ⁵ -C ₉ H ₆ B(NiPr ₂)NPh) ₂]: a new complex with a boron-bridged amido-indenyl ligand. <i>Inorganica Chimica Acta</i> , 2003 , 350, 467-474 | 2.7 | 12 |
| 98 | 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 |
| 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 | Role of Sulfonate Appendage in the Protein Binding Affinity of Half-Sandwich Ruthenium(II)(η ⁵ -p-Cym) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 299-307 | 2.3 | 11 |
| 95 | Hydridoborylene complexes and di-, tri-, and tetranuclear borido complexes with hydride ligands. <i>Chemistry - A European Journal</i> , 2013 , 19, 17608-12 | 4.8 | 11 |
| 94 | Insertion vs Ligand Exchange: Reactivity of Distanna Ansa Half-Sandwich Complexes of Molybdenum and Tungsten toward Isocyanide and Phosphine Complexes of Nickel and Palladium. <i>Organometallics</i> , 2011 , 30, 305-312 | 3.8 | 11 |
| 93 | High-yield synthesis of a hybrid 2,3,4,5-tetracarba-1,6-nido-hexaborane(6) cluster with an exo-polyhedral boracycle. <i>Chemistry - A European Journal</i> , 2011 , 17, 4081-4 | 4.8 | 11 |

- 92 Borido complexes via intermetallic metalloborylene transfer. *Chemical Communications*, **2011**, 47, 9900-9908 11
- 91 Diastereoselective Protonation, Substitution and Addition Reactions at Pseudotetrahedral Rhenium Complexes. *European Journal of Inorganic Chemistry*, **2010**, 2010, 391-402 2.3 11
- 90 Auf dem Weg zu homoleptischen Borylenkomplexen – eine einkernige Iridiumverbindung mit zwei Borylenliganden. *Angewandte Chemie*, **2010**, 122, 9707-9710 3.6 11
- 89 [1]Borametallophenanes as Catalysts for Ethene Polymerization. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 2858-2866 1.3 11
- 88 Reduction and Rearrangement of a Boron(I) Carbonyl Complex. *Angewandte Chemie - International Edition*, **2021**, 60, 2963-2968 16.4 11
- 87 Isolation and Reactivity of an Antiaromatic s-Block Metal Compound. *Angewandte Chemie - International Edition*, **2021**, 60, 3812-3819 16.4 11
- 86 A metal-mediated boron-centred isomerisation reaction via C-H activation. *Chemical Communications*, **2015**, 51, 16569-72 5.8 10
- 85 Direct Conversion from Terminal Borylene into Terminal Phosphinidene. *Angewandte Chemie - International Edition*, **2016**, 55, 12673-7 16.4 10
- 84 Borabicyclo[3.2.0]heptadiene: A Fused Bicyclic Isomer of Borepin. *Chemistry - A European Journal*, **2018**, 24, 15387-15391 4.8 10
- 83 Monohaloboryls (BHX-) as bridging ligands: observable dinuclear σ (halo)boranyl intermediates in the synthesis of metalloborylenes. *Chemistry - A European Journal*, **2012**, 18, 2327-34 4.8 10
- 82 σ -Furfuryl and σ -Thienyl Complexes of Palladium and Platinum of Relevance to the Functionalization of Biomass-Derived Furans. *Organometallics*, **2012**, 31, 5599-5605 3.8 10
- 81 The σ -Furfuryl Ligand: Plausible Catalytic Intermediates and Heterocyclic σ -Benzyl Analogues with Superior Binding Ability. *Organometallics*, **2010**, 29, 4431-4433 3.8 10
- 80 Half-Sandwich Tungsten Complexes with Metal- and σ -Cyclopentadienyl-Bound Functional Stannyl Groups and Their Transformation into Ansa Complexes *Organometallics*, **2010**, 29, 5111-5120 3.8 10
- 79 Synthesis, structure, and bonding of novel homodinuclear cobalt and nickel borylene complexes. *Chemistry - A European Journal*, **2009**, 15, 7150-5 4.8 10
- 78 Electronic structure and reactivity of a [1],[1]disilamolybdenocenophane. *Chemistry - A European Journal*, **2010**, 16, 3014-20 4.8 10
- 77 Synthesis and molecular structure of boron-bridged constrained geometry complexes of zirconium and hafnium. *Journal of Organometallic Chemistry*, **2005**, 690, 5000-5005 2.3 10
- 76 Spectroscopic and antimicrobial activity of photoactivatable tricarbonyl Mn(I) terpyridine compounds. *Inorganica Chimica Acta*, **2020**, 511, 119806 2.7 9
- 75 Interaction of dilithiated ferrocene with AlMe₂Cl reagents. *Inorganica Chimica Acta*, **2007**, 360, 1274-1277 9

| | | | |
|----|---|------|---|
| 74 | Piperidino Substituted [1]Borametallophenes. Synthesis, Reactivity, and Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 509-516 | 1 | 9 |
| 73 | Contributions to the Chemistry of Silicon-Sulphur Compounds. 66. Synthesis, crystal and molecular structure of bis(tri-tert-butoxysilanethiolato)(acetonitrile)cobalt(III)[(t-C ₄ H ₉ O) ₃ Si] ₂ Co(NCCH ₃). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1995 , 621, 904-908 | 1.3 | 9 |
| 72 | 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 |
| 71 | Experimental and DFT studies of sulfadiazine 'piano-stool' Ru(ii) and Rh(iii) complexes.. <i>RSC Advances</i> , 2020 , 10, 10673-10680 | 3.7 | 8 |
| 70 | Boryl- and Silyl-Substituted Mixed Sandwich Compounds of Scandium. <i>Chemistry - A European Journal</i> , 2018 , 24, 2403-2409 | 4.8 | 8 |
| 69 | Boron-Metallated Borirenes and Bis(Borirenes). <i>Chemistry - A European Journal</i> , 2016 , 22, 8596-602 | 4.8 | 8 |
| 68 | 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 |
| 67 | Synthesis and structure of the first heterodinuclear bis(borylene) complexes. <i>Chemical Communications</i> , 2013 , 49, 7593-5 | 5.8 | 8 |
| 66 | Simultaneous fragmentation and activation of white phosphorus. <i>Chemistry - A European Journal</i> , 2013 , 19, 9114-7 | 4.8 | 8 |
| 65 | An electron-precise, tetrahedral B boride complex. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7038-41 | 16.4 | 8 |
| 64 | Metal-Enriched [3]Trochrocenophanes: Bimetallic Metalloarenophanes by Coordination to Chelating Bis(phosphanyls). <i>Organometallics</i> , 2011 , 30, 5202-5207 | 3.8 | 8 |
| 63 | 6H,13H-Pyrazino[1,2-a;4,5-a']diindole analogs: probing the pharmacophore for allosteric ligands of muscarinic M2 receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 1481-5 | 2.9 | 8 |
| 62 | 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 |
| 61 | Abnormal Tin-Boron Exchange in the Attempted Synthesis of a Borylated Borole. <i>Chemistry - A European Journal</i> , 2017 , 23, 16167-16170 | 4.8 | 7 |
| 60 | Iron ansa half sandwich complexes bearing a bridging distannadiyl moiety. <i>Journal of Organometallic Chemistry</i> , 2012 , 699, 26-30 | 2.3 | 7 |
| 59 | Synthesis and structure of distanna and tristanna ansa half-sandwich complexes of ruthenium and nickel. <i>Inorganic Chemistry</i> , 2012 , 51, 1225-7 | 5.1 | 7 |
| 58 | Unexpected generation of diastereomers by double diboration of a dialkyne. <i>Chemistry - A European Journal</i> , 2011 , 17, 5230-3 | 4.8 | 7 |
| 57 | Reactivity of [1],[1]disilamolybdenocenophane toward zerovalent platinum complexes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 11343-9 | 16.4 | 7 |

| | | | |
|----|--|------|---|
| 56 | [2]borametallophenes of group 4 metals: synthesis and structure. <i>Chemistry - A European Journal</i> , 2008 , 14, 8972-9 | 4.8 | 7 |
| 55 | Zinc-[7]helicenocyanine and Its Discrete π -Stacked Homochiral Dimer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23656-23660 | 16.4 | 7 |
| 54 | Investigation of Steric Factors Involved in the Formation of Terminal Cationic Platinum Arylborylene Complexes. <i>Organometallics</i> , 2015 , 34, 2343-2347 | 3.8 | 6 |
| 53 | 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, 8471-48 | 4.8 | 6 |
| 52 | 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 |
| 51 | 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 |
| 50 | Ein planar vierfach koordiniertes Boratom als Ligand f"ur vier Metalle. <i>Angewandte Chemie</i> , 2012 , 124, 2225-2228 | 3.6 | 6 |
| 49 | Synthesis and Structure of Trisilane-1,3-diyl ansa Half-Sandwich Complexes of Group 6 Metals. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 5383-5385 | 2.3 | 6 |
| 48 | Direkte Umwandlung eines terminalen Borylen- in einen terminalen Phosphinidenkomplex. <i>Angewandte Chemie</i> , 2016 , 128, 12864-12868 | 3.6 | 6 |
| 47 | Role of the ancillary ligand in controlling the lysozyme affinity and electronic properties of terpyridine -Re(CO) complexes. <i>Dalton Transactions</i> , 2021 , 50, 1197-1201 | 4.3 | 6 |
| 46 | Toward Transition-Metal-Templated Construction of Arylated B Chains by Dihydroborane Dehydrocoupling. <i>Chemistry - A European Journal</i> , 2019 , 25, 16544 | 4.8 | 5 |
| 45 | 1,2-Disilabicyclo[1.1.1]pentan-4-ones from a Disilene and Acryloyl Chlorides. <i>Australian Journal of Chemistry</i> , 2013 , 66, 1311 | 1.2 | 5 |
| 44 | Wolfphos in Sheep's Clothing: The First Trinuclear Triboryl- and Other Boryl Platinum Complexes Featuring a Flexible Phosphine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1129-1133 | 1.3 | 5 |
| 43 | Reversible Insertion von Platin in M"ozmetall-Halogen-Bindungen. <i>Angewandte Chemie</i> , 2012 , 124, 10173-10176 | 3.1 | 5 |
| 42 | Synthesis and Reactivity of Palladium- and Platinum-Bridged Heterobimetallic [3]Trochrocenophanes. <i>Organometallics</i> , 2012 , 31, 3027-3034 | 3.8 | 5 |
| 41 | [[Br ₂ B(π -C ₅ H ₄)]Mn(CO) ₃] A versatile Precursor for Boron-based Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 2314-2320 | 1.3 | 5 |
| 40 | 2,3,5-Tri-tert-butyl-1-carba-nido-tetraboran. <i>Angewandte Chemie</i> , 1999 , 111, 1358-1360 | 3.6 | 5 |
| 39 | Crystal structure of (3*,4*)-4-fluoro-3-(4-methoxy-phenyl)-1-oxo-2-phenyl-1,2,3,4-tetrahydro-iso-quinoline-4-carboxylic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 867-870 | 0.7 | 5 |

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| 38 | Isolierung und Reaktivität eines s-Block-Metall-Antiaromaten. <i>Angewandte Chemie</i> , 2021 , 133, 3856-3863 | 3.6 | 5 |
| 37 | Aufbau einer B-C-Doppelbindung in der Koordinationssphäre des Platins: ein Alkylidenborylligand, der isoelektronisch zu neutralen Aminoborylenen ist. <i>Angewandte Chemie</i> , 2014 , 126, 2273-2277 | 3.6 | 4 |
| 36 | A Base-stabilized Iodoborylene Complex of Platinum(II). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013 , 68, 747-749 | 1 | 4 |
| 35 | Molybdenum-Boron Bonds in the Crystal Structural Characterization of $K[(\eta\text{-C}_5\text{H}_5)\text{Mo}(\text{CO})_3]$ and $[(\eta\text{-C}_5\text{H}_5)(\text{OC})_3\text{Mo}\{\text{B}(\text{NMe}_2)\text{-B}(\text{NMe}_2)\text{Br}\}]$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010 , 65, 1073-1076 | 1 | 4 |
| 34 | Protein binding affinity of biologically active thiourea based half-sandwich Ru(II) cymene complexes. <i>Polyhedron</i> , 2020 , 175, 114175 | 2.7 | 4 |
| 33 | Reduktion und Umlagerung eines Bor(I)-Carbonylkomplexes. <i>Angewandte Chemie</i> , 2021 , 133, 3000-3005 | 3.6 | 4 |
| 32 | Structural Studies, Antimicrobial Activity and Protein Interaction of Photostable Terpyridine Silver(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4020-4030 | 2.3 | 3 |
| 31 | Synthesis and Structure of Group IV Distanna[2]metallocenophanes. <i>Organometallics</i> , 2014 , 33, 254-259 | 3.8 | 3 |
| 30 | Reactions of a [1],[1]Disilamolybdenocenophane with Unsaturated Compounds. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, n/a-n/a | 2.3 | 3 |
| 29 | Cyclisierung eines 1,4-Diborabutadienliganden mit CO unter Einbeziehung beider Atome. <i>Angewandte Chemie</i> , 2015 , 127, 5154-5157 | 3.6 | 3 |
| 28 | Synthesis and structure of a carbene-stabilized boraallene coordinated to rhodium. <i>Inorganic Chemistry</i> , 2013 , 52, 5639-41 | 5.1 | 3 |
| 27 | Phosphine-Substituted Diborane(4)yl Complexes of Tungsten. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 29-32 | 1 | 3 |
| 26 | 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 |
| 25 | Sulfonate improves water solubility and cell selective toxicity and alters the lysozyme binding activity of half sandwich Rh(iii) complexes. <i>Dalton Transactions</i> , 2021 , 50, 10701-10706 | 4.3 | 3 |
| 24 | Phototriggered cytotoxic properties of tricarbonyl manganese(I) complexes bearing diimine ligands towards HepG2. <i>Journal of Biological Inorganic Chemistry</i> , 2021 , 26, 135-147 | 3.7 | 3 |
| 23 | 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 |
| 22 | Synthesis and Reactivity of a Dilithiated Molybdenum Half-Sandwich Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 381-385 | 1.3 | 2 |
| 21 | 4-[(2E)-2-(4-Chloro-benzyl-idene)hydrazinyl-idene]-1-methyl-1,4-dihydro-pyridine monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1324-5 | | 2 |

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|----|---|-----|---|
| 20 | Synthesis of a bimetallic platinum-tungsten complex with a bridging micro-diboranyl-oxycarbyne moiety. <i>Dalton Transactions</i> , 2008 , 440-3 | 4.3 | 2 |
| 19 | Harnessing the electronic differences between CAAC-stabilised 1,4-diborabenzene and 9,10-diboraanthracene for synthesis. <i>Chemical Communications</i> , 2021 , | 5.8 | 2 |
| 18 | Light-activated cytotoxicity of dicarbonyl Ru(II) complexes with a benzimidazole coligand towards breast cancer. <i>Dalton Transactions</i> , 2021 , 50, 15389-15399 | 4.3 | 2 |
| 17 | NHC-Stabilized 1,2-Dihalodiborenes: Synthesis, Characterization, and Reactivity Toward Elemental Chalcogens. <i>Inorganic Chemistry</i> , 2021 , 60, 12625-12633 | 5.1 | 2 |
| 16 | Half-sandwich triazolato Rh(III) compound of pyridylbenzimidazole ligand with cell selective toxicity towards <i>Cryptococcus neoformans</i> . <i>Journal of Organometallic Chemistry</i> , 2021 , 949, 121928 | 2.3 | 2 |
| 15 | Rethinking Borole Cycloaddition Reactivity. <i>Chemistry - A European Journal</i> , 2021 , 27, 11226-11233 | 4.8 | 2 |
| 14 | Terpyridine based ReX(CO) ₃ compounds (X = Br, N ₃ and triazolate): Spectroscopic and DFT studies. <i>Polyhedron</i> , 2021 , 194, 114954 | 2.7 | 2 |
| 13 | N-Heterocyclic Carbene and Cyclic (Alkyl)(amino)carbene Adducts of Antimony(III). <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4007 | 2.3 | 2 |
| 12 | Ein elektronenpräziser β -Boridkomplex mit tetraedrischer Struktur. <i>Angewandte Chemie</i> , 2013 , 125, 7176-7179 | 3.6 | 1 |
| 11 | Titelbild: Ein T-förmiger Platin(II)borylkomplex als Vorstufe für einen Platinkomplex mit einem basenstabilisierten Borylenliganden (Angew. Chem. 35/2005). <i>Angewandte Chemie</i> , 2005 , 117, 5671-5674 | 3.6 | 1 |
| 10 | Diboramacrocycles: reversible borole dimerisation-dissociation systems.. <i>Chemical Science</i> , 2022 , 13, 2932-2938 | 9.4 | 1 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | [(OC) ₅ Cr=BSi(SiMe ₃) ₃]: A Terminal Borylene Complex with an Electronically Unsaturated Boron Atom 2001 , 40, 4198 | | 1 |
| 5 | Role of the ancillary ligand in determining the antimicrobial activity of Pd(II) complexes with N ^N N ^N -tridentate Coligand. <i>Polyhedron</i> , 2022 , 115857 | 2.7 | 1 |
| 4 | Antiaromaticity to Aromaticity: From Boroles to 1,2-Azaborinines by Ring Expansion with Azides. <i>Chemistry - A European Journal</i> , 2014 , 20, 9821-9821 | 4.8 | |
| 3 | 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 | |

- 2 Cover Picture: A T-Shaped Platinum(II) Boryl Complex as the Precursor to a Platinum Compound with a Base-Stabilized Borylene Ligand (Angew. Chem. Int. Ed. 35/2005). *Angewandte Chemie - International Edition*, **2005**, 44, 5535-5535 16.4
- 1 Dicyclohexyl(2',4',6'-triisopropylbiphenyl-2-yl)phosphine-dichlorophenylborane. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2787