

List of Publications by Citations

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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.

266 papers	6,927 citations	46 h-index	64 g-index
269 ext. papers	8,010 ext. citations	6.4 avg, IF	6.17 L-index

#	Paper	IF	Citations
266	Well-Defined N-Heterocyclic Carbene Based Ruthenium Catalysts for Direct Amide Synthesis from Alcohols and Amines. <i>Organometallics</i> , <b>2010</b> , 29, 1374-1378	3.8	155
265	Organocatalytic asymmetric tandem Michael-Henry reactions: a highly stereoselective synthesis of multifunctionalized cyclohexanes with two quaternary stereocenters. <i>Organic Letters</i> , <b>2008</b> , 10, 2437-40	6.2	145
264	A rationally designed nitrogen-rich metal-organic framework and its exceptionally high CO(2) and H(2) uptake capability. <i>Scientific Reports</i> , <b>2013</b> , 3, 1149	4.9	117
263	Isolation of a bis(oxazol-2-ylidene)-phenylborylene adduct and its reactivity as a boron-centered nucleophile. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9280-3	16.4	115
262	Controlling Supramolecular Chirality of Two-Component Hydrogels by J- and H-Aggregation of Building Blocks. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6467-6473	16.4	111
261	A surfactant-thermal method to prepare four new three-dimensional heterometal-organic frameworks. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11367-70	4.3	110
260	Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 436-441	16.4	109
259	Palladium(II)-catalyzed asymmetric hydrophosphination of enones: efficient access to chiral tertiary phosphines. <i>Chemical Communications</i> , <b>2010</b> , 46, 6950-2	5.8	103
258	Significant gas uptake enhancement by post-exchange of zinc(II) with copper(II) within a metal-organic framework. <i>Chemical Communications</i> , <b>2012</b> , 48, 10286-8	5.8	102
257	Direct synthesis of chiral tertiary diphosphines via Pd(II)-catalyzed asymmetric hydrophosphination of dienones. <i>Organic Letters</i> , <b>2011</b> , 13, 5862-5	6.2	99
256	A large pyrene-fused N-heteroacene: fifteen aromatic six-membered rings annulated in one row. <i>Chemical Communications</i> , <b>2017</b> , 53, 7772-7775	5.8	94
255	Isolation of 1,2,4,3-Triazaborol-3-yl-metal (Li, Mg, Al, Au, Zn, Sb, Bi) Derivatives and Reactivity toward CO and Isonitriles. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 6650-61	16.4	89
254	Highly Effective Carbon Fixation via Catalytic Conversion of CO <sub>2</sub> by an Acylamide-Containing Metal-Organic Framework. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 9256-9261	9.6	88
253	Asymmetric synthesis of P-stereogenic diarylphosphinites by palladium-catalyzed enantioselective addition of diarylphosphines to benzoquinones. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 4865-8	16.4	87
252	Intermolecular Mizoroki-Heck reaction of aliphatic olefins with high selectivity for substitution at the internal position. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5915-9	16.4	87
251	Abnormal N-Heterocyclic Carbene Promoted Suzuki-Miyaura Coupling Reaction: A Comparative Study. <i>Organometallics</i> , <b>2010</b> , 29, 6343-6349	3.8	81
250	Switching charge-transfer characteristics from p-type to n-type through molecular "doping" (co-crystallization). <i>Chemical Science</i> , <b>2016</b> , 7, 3851-3856	9.4	80

- 249 Palladacycle-catalyzed asymmetric hydrophosphination of enones for synthesis of C\*- and P\*-chiral tertiary phosphines. *Inorganic Chemistry*, **2012**, 51, 2533-40 5.1 79
- 248 4-Diphenylamino-phenyl substituted pyrazine: nonlinear optical switching by protonation. *Journal of Materials Chemistry C*, **2015**, 3, 9191-9196 7.1 77
- 247 Diverse reactivity of a tricoordinate organoboron LPhB: (L = oxazol-2-ylidene) towards alkali metal, group 9 metal, and coinage metal precursors. *Chemical Science*, **2015**, 6, 2893-2902 9.4 76
- 246 1,3,2,5-Diazadiborinine featuring nucleophilic and electrophilic boron centres. *Nature Communications*, **2015**, 6, 7340 17.4 73
- 245 Ambiphilic boron in 1,4,2,5-diazadiborinine. *Nature Communications*, **2016**, 7, 11871 17.4 73
- 244 Arene CH-O hydrogen bonding: a stereocontrolling tool in palladium-catalyzed arylation and vinylation of ketones. *Angewandte Chemie - International Edition*, **2013**, 52, 4906-11 16.4 66
- 243 Palladium-catalyzed asymmetric intermolecular cyclization. *Angewandte Chemie - International Edition*, **2013**, 52, 8676-80 16.4 66
- 242 Molecule-based water-oxidation catalysts (WOCs): cluster-size-dependent dye-sensitized polyoxometalates for visible-light-driven O<sub>2</sub> evolution. *Scientific Reports*, **2013**, 3, 1853 4.9 64
- 241 1,5,9-Triaza-2,6,10-triphenylboracoronene: BN-embedded analogue of coronene. *Organic Letters*, **2015**, 17, 560-3 6.2 63
- 240 Asymmetric synthesis of enamino phosphines via palladacycle-catalyzed addition of Ph<sub>2</sub>PH to  $\alpha,\beta$ -unsaturated imines. *Journal of Organic Chemistry*, **2012**, 77, 6849-54 4.2 62
- 239 Control on Dimensions and Supramolecular Chirality of Self-Assemblies through Light and Metal Ions. *Journal of the American Chemical Society*, **2018**, 140, 16275-16283 16.4 61
- 238 Chiral Phosphapalladacycles as Efficient Catalysts for the Asymmetric Hydrophosphination of Substituted Methylidenemalonate Esters: Direct Access to Functionalized Tertiary Chiral Phosphines. *Organometallics*, **2012**, 31, 3022-3026 3.8 60
- 237 Alkene-Carbene Isomerization induced by Borane: Access to an Asymmetrical Diborene. *Journal of the American Chemical Society*, **2017**, 139, 5047-5050 16.4 58
- 236 Occurrence of Chiral Nanostructures Induced by Multiple Hydrogen Bonds. *Journal of the American Chemical Society*, **2019**, 141, 9946-9954 16.4 56
- 235 Isolation of a Diborane(6) Dication: Formation and Cleavage of an Electron-Precise B(sp<sup>3</sup>)-B(sp<sup>3</sup>) Bond. *Journal of the American Chemical Society*, **2016**, 138, 8623-9 16.4 56
- 234 Highly active catalysts of bisphosphine oxides for asymmetric Heck reaction. *Chemical Communications*, **2013**, 49, 9425-7 5.8 56
- 233 Metal-free C-H bond metathesis in ammonia activation by a diazadiphosphapentalene. *Journal of the American Chemical Society*, **2014**, 136, 16764-7 16.4 55
- 232 Palladacycle-Catalyzed Asymmetric Intermolecular Construction of Chiral Tertiary P-Heterocycles by Stepwise Addition of H-B Bonds to Bis(enones). *Organometallics*, **2012**, 31, 4871-4875 3.8 53

- 231 Single-crystal growth, structures, charge transfer and transport properties of anthracene-F4TCNQ and tetracene-F4TCNQ charge-transfer compounds. *CrystEngComm*, **2017**, 19, 618-624 3.3 51
- 230 Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. *Angewandte Chemie - International Edition*, **2018**, 57, 13555-13559 16.4 51
- 229 Co<sub>6</sub>( $\beta$ -OH)<sub>6</sub> cluster based coordination polymer as an effective heterogeneous catalyst for aerobic epoxidation of alkenes. *Dalton Transactions*, **2014**, 43, 2559-65 4.3 51
- 228 A crystalline Cu<sub>3</sub>N<sub>3</sub> framework for high-performance lithium storage. *Journal of Materials Chemistry A*, **2015**, 3, 19410-19416 13 48
- 227 Molecular Crystal Engineering: Tuning Organic Semiconductor from p-type to n-type by Adjusting Their Substitutional Symmetry. *Advanced Materials*, **2017**, 29, 1605053 24 47
- 226 Reversible [4 + 2] cycloaddition reaction of 1,3,2,5-diazadiborinine with ethylene. *Chemical Science*, **2015**, 6, 7150-7155 9.4 47
- 225 A silyliumylidene cation stabilized by an amidinate ligand and 4-dimethylaminopyridine. *Chemistry - A European Journal*, **2013**, 19, 11786-90 4.8 47
- 224 Enantioselective Addition of Diphenylphosphine to 3-Methyl-4-nitro-5-alkenylisoxazoles. *Advanced Synthesis and Catalysis*, **2013**, 355, 1403-1408 5.6 47
- 223 Unusual domino michael/aldol condensation reactions employing oximes as N-selective nucleophiles: synthesis of N-hydroxypyrroles. *Angewandte Chemie - International Edition*, **2009**, 48, 758-61 16.4 47
- 222 Synthesis, structures, and solution dynamics of palladium complexes of quinoline-functionalized N-heterocyclic carbenes. *Inorganic Chemistry*, **2008**, 47, 8031-43 5.1 47
- 221 Ultrastable Thorium Metal-Organic Frameworks for Efficient Iodine Adsorption. *Inorganic Chemistry*, **2020**, 59, 4435-4442 5.1 46
- 220 Isolation of an imino-N-heterocyclic carbene/germanium(0) adduct: a mesoionic germylene equivalent. *Angewandte Chemie - International Edition*, **2014**, 53, 13106-9 16.4 45
- 219 Palladium catalyzed asymmetric hydrophosphination of  $\alpha,\beta$ -unsaturated malonate esters - efficient control of reactivity, stereo- and regio-selectivity. *Dalton Transactions*, **2015**, 44, 1258-63 4.3 43
- 218 Iridium Abnormal N-Heterocyclic Carbene Hydrides via Highly Selective C $\equiv$ N Activation. *Organometallics*, **2008**, 27, 1187-1192 3.8 42
- 217 A novel approach toward asymmetric synthesis of alcohol functionalized C-chiral diphosphines via two-stage hydrophosphination of terminal alkynols. *Inorganic Chemistry*, **2006**, 45, 7455-63 5.1 42
- 216 Crystalline Neutral Allenic Diborene. *Angewandte Chemie - International Edition*, **2017**, 56, 9829-9832 16.4 41
- 215 Synthesis and structural characterization of complexes of a DO3A-conjugated triphenylphosphonium cation with diagnostically important metal ions. *Inorganic Chemistry*, **2007**, 46, 8988-97 5.1 41
- 214 Modulated synthesis and isoreticular expansion of Th-MOFs with record high pore volume and surface area for iodine adsorption. *Chemical Communications*, **2020**, 56, 6715-6718 5.8 40

213	Reactivity of a Distannylene toward Potassium Graphite: Synthesis of a Stannylidenide Anion. <i>Organometallics</i> , <b>2012</b> , 31, 6415-6419	3.8	38
212	Highly Enantioselective Synthesis of (2-Pyridyl)phosphine Based C-Chiral Unsymmetrical P,N-Ligands Using a Chiral Palladium Complex. <i>Organometallics</i> , <b>2009</b> , 28, 3941-3946	3.8	38
211	Dye-sensitized polyoxometalate for visible-light-driven photoelectrochemical cells. <i>Dalton Transactions</i> , <b>2015</b> , 44, 14354-8	4.3	37
210	Bisguanidinium dinuclear oxodiperoxomolybdosulfate ion pair-catalyzed enantioselective sulfoxidation. <i>Nature Communications</i> , <b>2016</b> , 7, 13455	17.4	37
209	A novel asymmetric hydroarsination reaction promoted by a chiral organopalladium complex. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4733-6	5.1	37
208	Asymmetric 1,4-Conjugate Addition of Diarylphosphines to $\alpha,\beta$ -Unsaturated Ketones Catalyzed by Transition-Metal Pincer Complexes. <i>Organometallics</i> , <b>2015</b> , 34, 5196-5201	3.8	36
207	Metastable 1T $\bar{C}$ phase group VIB transition metal dichalcogenide crystals. <i>Nature Materials</i> , <b>2021</b> , 20, 1113-1120	27	36
206	Enantioselective phospho-Michael addition of diarylphosphines to $\alpha,\beta$ -unsaturated ketoesters and amides. <i>Chemical Communications</i> , <b>2014</b> , 50, 8768-70	5.8	35
205	1,2,4,3-Triazaborole-based neutral oxoborane stabilized by a Lewis acid. <i>Chemical Communications</i> , <b>2014</b> , 50, 8561-4	5.8	35
204	Hydrogen bonding-assisted tautomerization of pyridine moieties in the coordination sphere of an Ir(I) complex. <i>Chemical Communications</i> , <b>2008</b> , 3558-60	5.8	34
203	Selective arylation and vinylation at the $\beta$ -position of vinylarenes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 3504-11	4.8	33
202	Novel stereochemistry, reactivity, and stability of an arsenic heterocycle in a metal-promoted asymmetric cycloaddition reaction. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9488-94	5.1	33
201	A multi-step solvent-free mechanochemical route to indium(iii) complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 7941-6	4.3	33
200	Trapping a Silicon(I) Radical with Carbenes: A Cationic cAAC-Silicon(I) Radical and an NHC-Parent-Silyliumylidene Cation. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7573-7578	16.4	32
199	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7774-7779	16.4	32
198	Synthesis of a Bent 2-Silaallene with a Perturbed Electronic Structure from a Cyclic Alkyl(amino) Carbene-Diiodosilylene. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9091-8	5.1	32
197	The synthesis and efficient one-pot catalytic "self-breeding" of asymmetrical NC(sp <sup>3</sup> )E-hybridised pincer complexes. <i>Chemical Communications</i> , <b>2016</b> , 52, 4211-4	5.8	32
196	Synthesis and Structure of [Li <sub>2</sub> C(PPh <sub>2</sub> ?NSiMe <sub>3</sub> )(PPh <sub>2</sub> ?S)]: A Geminal Dianionic Ligand. <i>Organometallics</i> , <b>2009</b> , 28, 4617-4620	3.8	32

- 195 Asymmetric synthesis of diphosphine ligands containing phosphorus and carbon stereogenic centers by means of a chiral palladium complex promoted hydrophosphination reaction. *Inorganic Chemistry*, **2009**, 48, 5535-9 5.1 32
- 194 From Linear to Angular Isomers: Achieving Tunable Charge Transport in Single-Crystal Indolocarbazoles Through Delicate Synergetic CH/NH $\cdots$ N Interactions. *Angewandte Chemie - International Edition*, **2018**, 57, 8875-8880 16.4 31
- 193 A highly efficient dual catalysis approach for C-glycosylation: addition of (o-azaaryl)carboxaldehyde to glycals. *Chemical Communications*, **2014**, 50, 13391-3 5.8 31
- 192 Hole Mobility Modulation in Single-Crystal Metal Phthalocyanines by Changing the Metal- $\pi$  Interactions. *Angewandte Chemie - International Edition*, **2018**, 57, 10112-10117 16.4 30
- 191 Experimental and theoretical studies on pyrene-grafted polyoxometalate hybrid. *Dalton Transactions*, **2012**, 41, 12185-91 4.3 30
- 190 Co(II)-tricarboxylate metal-organic frameworks constructed from solvent-directed assembly for CO<sub>2</sub> adsorption. *Microporous and Mesoporous Materials*, **2013**, 176, 194-198 5.3 30
- 189 A base-stabilized lead(II) dimer and an aromatic plumbidenide anion. *Angewandte Chemie - International Edition*, **2013**, 52, 6298-301 16.4 30
- 188 Synthesis, structure, physical properties and OLED application of pyrazine- $\pi$ -phenylamine fused conjugated compounds. *RSC Advances*, **2015**, 5, 63080-63086 3.7 29
- 187 Versatile Syntheses of Optically Pure PCE Pincer Ligands: Facile Modifications of the Pendant Arms and Ligand Backbones. *Organometallics*, **2015**, 34, 1582-1588 3.8 29
- 186 Azaborabutadienes: Synthesis by Metal-Free Carboboration of Nitriles and Utility as Building Blocks for B,N-Heterocycles. *Angewandte Chemie - International Edition*, **2016**, 55, 14718-14722 16.4 29
- 185 Palladacycle-Catalyzed Tandem Allylic Amination/Allylation Protocol for One-Pot Synthesis of 2-Allylanilines from Allylic Alcohols. *Advanced Synthesis and Catalysis*, **2012**, 354, 83-87 5.6 29
- 184 Pd-catalyzed enantiodivergent and regiospecific phospho-Michael addition of diphenylphosphine to 4-oxo-enamides: efficient access to chiral phosphinocarboxamides and their analogues. *Chemistry - A European Journal*, **2015**, 21, 4800-4 4.8 29
- 183 The Original Coordination Chemistry of 2-Phosphaphenol with Copper(I) and Gold(I) Halides. *Organometallics*, **2013**, 32, 3562-3565 3.8 29
- 182 Impact of C $\equiv$ N $\cdots$ X (X = F, N) and  $\pi$  Interactions on Tuning the Degree of Charge Transfer in F6TNAP-Based Organic Binary Compound Single Crystals. *Crystal Growth and Design*, **2018**, 18, 1776-1783 3.5 28
- 181 Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H<sub>2</sub>, NH<sub>3</sub>, and an Isonitrile. *Angewandte Chemie - International Edition*, **2018**, 57, 7846-7849 16.4 28
- 180 Asymmetric Synthesis of Functionalized 1,2-Diphosphine via the Chemoselective Hydrophosphination of Coordinated Allylic Phosphines. *Organometallics*, **2009**, 28, 780-786 3.8 28
- 179 Ferroelastic-switching-driven large shear strain and piezoelectricity in a hybrid ferroelectric. *Nature Materials*, **2021**, 20, 612-617 27 28
- 178 A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. *Angewandte Chemie - International Edition*, **2018**, 57, 7826-7829 16.4 27



177	Synthesis, characterization, and electronic structures of a methyl germlyumylidene ion and germlyone-group VI metal complexes. <i>Chemical Communications</i> , <b>2016</b> , 52, 613-6	5.8	27
176	Asymmetric Synthesis of New Diphosphines and Pyridylphosphines via a Kinetic Resolution Process Promoted and Controlled by a Chiral Palladacycle. <i>Organometallics</i> , <b>2010</b> , 29, 3374-3386	3.8	27
175	Cyclopalladation of the prochiral (di-tert-butyl)(diphenylmethyl)phosphine: kinetic lability of the corresponding (+)-phosphapalladacyclic Pd-C bond and the reluctance of the phosphine to bind in a monodentate fashion. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 5100-9	5.1	27
174	Electrostatic Catalyst Generated from Diazadiborinine for Carbonyl Reduction. <i>Chem</i> , <b>2017</b> , 3, 134-151	16.2	26
173	Inducing formation of a corrugated, white-light emitting 2D lead-bromide perovskite via subtle changes in templating cation. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 889-893	7.1	26
172	Stibine-protected Au nanoclusters: syntheses, properties and facile conversion to GSH-protected Au nanocluster. <i>Chemical Science</i> , <b>2018</b> , 9, 8723-8730	9.4	26
171	Asymmetric synthesis of functionalized 1,3-diphosphines via chiral palladium complex promoted hydrophosphination of activated olefins. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 989-96	5.1	25
170	Amidinate-Stabilized Group 9 Metal-Silicon(I) Dimer and -Silylene Complexes. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9968-75	5.1	24
169	Chelation-assisted carbon-halogen bond activation by a rhodium(I) complex. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 1198-206	5.1	24
168	Metal Effects on the Asymmetric Cycloaddition Reaction between 3,4-Dimethyl-1-phenylarsole and Diphenylvinylphosphine Oxide. <i>Organometallics</i> , <b>2009</b> , 28, 4886-4889	3.8	24
167	Serendipitous Observation of Al Insertion into a C-O Bond in L PhB (L=Oxazol-2-ylidene). <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1922-1925	4.8	24
166	A Colorimetric and Fluorimetric Chemodosimeter for Copper Ion Based on the Conversion of Dihydropyrazine to Pyrazine. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 136-40	4.5	24
165	Formation of Boron-Main-Group Element Bonds by Reactions with a Tricoordinate Organoboron LPhB: (L = Oxazol-2-ylidene). <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5586-5593	5.1	23
164	Electrochemical/chemical oxidation of bisphenol A in a four-electron/two-proton process in aprotic organic solvents. <i>Electrochimica Acta</i> , <b>2013</b> , 112, 287-294	6.7	23
163	N-Heterocyclic Carbene C,S Palladium(II) Allyl Complexes: Synthesis, Characterization, and Catalytic Application In Allylic Amination Reactions. <i>Organometallics</i> , <b>2013</b> , 32, 2389-2397	3.8	23
162	Palladium Template Promoted Asymmetric Synthesis of 1,2-Diphosphines by Hydrophosphination of Functionalized Allenes. <i>Organometallics</i> , <b>2010</b> , 29, 536-542	3.8	23
161	Boosting the Iodine Adsorption and Radioresistance of Th-Uio-66 MOFs via Aromatic Substitution. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 1286-1291	4.8	23
160	Boron Analogue of Vinylidene Dication Supported by Phosphines. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 1255-1258	16.4	22

- 159 Palladacycle catalyzed asymmetric P-H addition of diarylphosphines to N-enoyl phthalimides. *Chemistry - A European Journal*, **2014**, 20, 14514-7 4.8 22
- 158 A Base-Stabilized Silyliumylidene Cation as a Ligand for Rhodium and Tungsten Complexes. *Organometallics*, **2014**, 33, 3646-3648 3.8 22
- 157 Chiral cyclopalladated complex promoted asymmetric synthesis of diester-substituted P,N-ligands via stepwise hydrophosphination and hydroamination reactions. *Dalton Transactions*, **2012**, 41, 5391-4004 4.3 22
- 156 N-Heteroheptacenequinone and N-heterononacenequinone: synthesis, physical properties, crystal structures and photoelectrochemical behaviors. *Journal of Materials Chemistry C*, **2015**, 3, 9877-9884 7.1 21
- 155 Mechanistic insights into the role of PC- and PCP-type palladium catalysts in asymmetric hydrophosphination of activated alkenes incorporating potential coordinating heteroatoms. *Dalton Transactions*, **2016**, 45, 13449-55 4.3 21
- 154 Inducing Panchromatic Absorption and Photoconductivity in Polycrystalline Molecular 1D Lead-Iodide Perovskites through  $\pi$ -Stacked Viologens. *Chemistry of Materials*, **2018**, 30, 5827-5830 9.6 21
- 153 Enantioselective Diels-Alder Reaction of 3-Diphenylphosphinofuran with 1-Phenyl-3,4-dimethylphosphole and Subsequent Synthetic Manipulations of the Cycloadduct. *Organometallics*, **2009**, 28, 6254-6259 3.8 21
- 152 Facile Activation of Homoatomic B Bonds in White Phosphorus and Diborane by a Diboraallene. *Angewandte Chemie - International Edition*, **2018**, 57, 15691-15695 16.4 21
- 151 Synthesis and Hydrolytic Studies on the Air-Stable [(4-CN-PhO)(E)P(EN(t)Bu)]<sub>2</sub> (E = O, S, and Se) Cyclodiphosphazanes. *Inorganic Chemistry*, **2015**, 54, 6423-32 5.1 20
- 150 Synthesis and the Optical and Electrochemical Properties of Indium(III) Bis(arylimino)acenaphthene Complexes. *Inorganic Chemistry*, **2017**, 56, 7811-7820 5.1 20
- 149 Reaction of Terminal Phosphinidene Complexes with Dihydrogen. *Organometallics*, **2012**, 31, 2936-2939 3.8 20
- 148 Base controlled (1,1)- and (1,2)-hydrophosphination of functionalized alkynes. *Tetrahedron Letters*, **2008**, 49, 1762-1767 2 20
- 147 Stereoelectronic and Catalytic Properties of Chiral Cyclometalated Phospha-palladium and -platinum Complexes. *Organometallics*, **2014**, 33, 6053-6058 3.8 19
- 146 Zwitterionic base-stabilized digermadistannacyclobutadiene and tetragermacyclobutadiene. *Chemistry - A European Journal*, **2013**, 19, 14726-31 4.8 19
- 145 Asymmetric synthesis of 1,2-bis(diphenylphosphino)-1-phenylethane via a chiral palladium template promoted hydrophosphination reaction. *Journal of Organometallic Chemistry*, **2009**, 694, 3500-3505 3.3 19
- 144 Isolation of a Cyclic (Alkyl)(amino)germylene. *Molecules*, **2016**, 21, 4.8 19
- 143 Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type [PbBr]<sub>4</sub> Nanoclusters. *Inorganic Chemistry*, **2018**, 57, 14035-14038 5.1 19
- 142 Reactivity of an amidinato silylene and germylene toward germanium(ii), tin(ii) and lead(ii) halides. *Dalton Transactions*, **2017**, 46, 3642-3648 4.3 18



141	Diverse Bonding Activations in the Reactivity of a Pentaphenylborole toward Sodium Phosphaethynolate: Heterocycle Synthesis and Mechanistic Studies. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4112-4120	5.1	18
140	Group II metal complexes of the germylidendiide dianion radical and germylidenide anion. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 8455-8	16.4	18
139	Synthesis of a Tin(II) 1,3-Benzobis(thiophosphinoyl)methanediide Complex and Its Reactions with Aluminum Compounds. <i>Organometallics</i> , <b>2012</b> , 31, 6538-6546	3.8	18
138	Novel Synthesis of Chiral 1,3-Diphosphines via Palladium Template Promoted Hydrophosphination and Functional Group Transformation Reactions. <i>Organometallics</i> , <b>2010</b> , 29, 3582-3588	3.8	18
137	Design, Synthesis, and Stereochemical Evaluation of a Novel Chiral Amine Palladacycle. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1880-1891	2.3	18
136	Mechanochemical Synthesis of Phosphazane-Based Frameworks. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11279-11285	4.8	17
135	B-H Bond Activation by an Amidinate-Stabilized Amidosilylene: Non-Innocent Amidinate Ligand. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 5879-5887	5.1	17
134	Metal-Free Selective Borylation of Arenes by a Diazadiborinine via C-H/C-F Bond Activation and Dearomatization. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 13729-13733	16.4	17
133	Synthesis and structural characterization of a Cumulene including 4-pyridylidene units, and its reactivity towards ammonia-borane. <i>Chemical Communications</i> , <b>2014</b> , 50, 12378-81	5.8	17
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102	Aryl-NHC-group 13 trimethyl complexes: structural, stability and bonding insights. <i>Dalton Transactions</i> , <b>2017</b> , 46, 854-864	4.3	12
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83	Ru <sub>4</sub> (CO) <sub>8</sub> (EOCAd) <sub>4</sub> (PPh <sub>3</sub> ) <sub>2</sub> : Phosphine Derivative of an Electron-Deficient Linear Tetraruthenium Cluster. <i>Organometallics</i> , <b>2011</b> , 30, 6774-6777	3.8	10
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