

Yongxin Li

List of Publications by Year in Descending Order

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

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	Fully conjugated azacorannulene dimer as large diaza[80]fullerene fragment.. <i>Nature Communications</i> , 2022 , 13, 1498	17.4	2
265	Interpenetration Control in Thorium Metal-Organic Frameworks: Structural Complexity toward Iodine Adsorption. <i>Inorganic Chemistry</i> , 2021 , 60, 5617-5626	5.1	5
264	Crystal structure and Hirshfeld surface analysis of a copper(II) complex containing 2-nitro-benzoate and tetra-methyl-ethylenedi-amine ligands. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 412-415	0.7	
263	Metastable 1T ϕ phase group VIB transition metal dichalcogenide crystals. <i>Nature Materials</i> , 2021 , 20, 1113-1120	27	36
262	Ligand substitution in the osmium carbonyl cluster Os ₂ (CO) ₈ (μ -3-SbPh)Os(CO) ₃ (Cl) ₂ : Towards derivatives of the osmostibine metalloligand. <i>Journal of Organometallic Chemistry</i> , 2021 , 942, 121817	2.3	0
261	Reaction of the Decaosmium Carbido Cluster [Os ₁₀ (μ -6-C)(CO) ₂₄] ₂ with Halostibines. <i>Journal of Cluster Science</i> , 2021 , 32, 929-935	3	0
260	Boosting the Iodine Adsorption and Radioresistance of Th-UiO-66 MOFs via Aromatic Substitution. <i>Chemistry - A European Journal</i> , 2021 , 27, 1286-1291	4.8	23
259	Access to C-Stereogenic PN(sp ²)P Pincer Ligands via Phosphapalladacycle Catalyzed Asymmetric Hydrophosphination. <i>Organometallics</i> , 2021 , 40, 682-692	3.8	2
258	Ferroelastic-switching-driven large shear strain and piezoelectricity in a hybrid ferroelectric. <i>Nature Materials</i> , 2021 , 20, 612-617	27	28
257	Diazapentabenzocorannulenium: A Hydrophilic/Biophilic Cationic Buckybowl. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	6
256	Modulated synthesis and isorecticular expansion of Th-MOFs with record high pore volume and surface area for iodine adsorption. <i>Chemical Communications</i> , 2020 , 56, 6715-6718	5.8	40
255	Catalytic access to ferrocenyl phosphines bearing both planar and central chirality [A kinetic resolution approach via catalytic asymmetric P(III) \rightarrow P bond formation. <i>Tetrahedron</i> , 2020 , 76, 131259	2.4	1
254	Air-stable phosphine organocatalysts for the hydroarsination reaction. <i>Journal of Organometallic Chemistry</i> , 2020 , 914, 121216	2.3	2
253	Hybrid 2D [Pb(CH ₃ NH ₂)I ₂] _n Coordination Polymer Precursor for Scalable Perovskite Deposition. <i>ACS Energy Letters</i> , 2020 , 5, 2305-2312	20.1	10
252	Ultrastable Thorium Metal-Organic Frameworks for Efficient Iodine Adsorption. <i>Inorganic Chemistry</i> , 2020 , 59, 4435-4442	5.1	46
251	Catalytic Asymmetric Diarylphosphine Addition to β -Diazoesters for the Synthesis of P-Stereogenic Phosphinates via P*-N Bond Formation. <i>Journal of Organic Chemistry</i> , 2020 , 85, 14763-14771	4.2	11
250	Iron-Mediated Ring-Opening and Rearrangement Cascade Synthesis of Polysubstituted Pyrroles from 4-Alkenylisoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 1868-1876	5.6	6

249	Carbodicarbene Ligand Redox Noninnocence in Highly Oxidized Chromium and Cobalt Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 4118-4128	5.1	9
248	Molecular Engineering of Pure 2D Lead-Iodide Perovskite Solar Absorbers Displaying Reduced Band Gaps and Dielectric Confinement. <i>ChemSusChem</i> , 2020 , 13, 2693-2701	8.3	6
247	Catalytic Approach toward Chiral P,N-Chelate Complexes Utilizing the Asymmetric Hydrophosphination Protocol. <i>Inorganic Chemistry</i> , 2020 , 59, 3874-3886	5.1	8
246	Targeted Synthesis of Trimeric OrganicBromoplumbate Hybrids That Display Intrinsic, Highly Stokes-Shifted, Broadband Emission. <i>Chemistry of Materials</i> , 2020 , 32, 4431-4441	9.6	14
245	Metal Coordination Sphere Deformation Induced Highly Stokes-Shifted, Ultra Broadband Emission in 2D Hybrid Lead-Bromide Perovskites and Investigation of Its Origin. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10791-10796	16.4	15
244	Chemoselective Synthesis and Evaluation of EOxovinylarsines as an Arsenic Synthetic Precursor. <i>Organometallics</i> , 2020 , 39, 271-278	3.8	1
243	Bisguanidinium-Catalyzed Epoxidation of Allylic and Homoallylic Amines under Phase Transfer Conditions. <i>ACS Catalysis</i> , 2020 , 10, 2684-2691	13.1	8
242	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> , 2020 , 8, 889-893	7.1	26
241	Divergent Reactivity of Phosphapalladacycles toward E≡ (E = N, P, As) Bonds. <i>Organometallics</i> , 2020 , 39, 182-188	3.8	2
240	Investigating the solid-state assembly of pharmaceutically-relevant N,N-dimethyl-O-thiocarbamates in the absence of labile hydrogen bonds. <i>CrystEngComm</i> , 2020 , 22, 8290-8298	3.3	298
239	Ruthenium-Based Structural Mimics of the Cofactor of [Fe]-Hydrogenase: Replacement of the Acyl Moiety with an N-Heterocyclic Carbene. <i>ChemistrySelect</i> , 2020 , 5, 10775-10780	1.8	
238	Asymmetric Catalytic 1,2-Dihydrophosphination of Secondary 1,2-Diphosphines [Direct Access to Free P*- and P*,C*-Diphosphines. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 2373-2378	5.6	7
237	Palladacycle promoted asymmetric hydrophosphination of β -unsaturated sulfonyl fluorides. <i>Journal of Organometallic Chemistry</i> , 2019 , 899, 120912	2.3	9
236	Synthesis, characterization and photophysical studies of a novel polycyclic diborane. <i>New Journal of Chemistry</i> , 2019 , 43, 564-568	3.6	3
235	Occurrence of Chiral Nanostructures Induced by Multiple Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9946-9954	16.4	56
234	Oxidative addition of elemental selenium to 1,4,2,5-diazadiborinine. <i>Dalton Transactions</i> , 2019 , 48, 7514-7518	4.5	5
233	Crystalline Tetraatomic Boron(0) Species. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5164-5168	6.4	14
232	Investigating palladium pincer complexes in catalytic asymmetric hydrophosphination and hydroarsination. <i>Dalton Transactions</i> , 2019 , 48, 4602-4610	4.3	12

231	Very strong trans effect in ruthenacyclic carbamoyl complexes leads to ligand redistribution in phosphine derivatives. <i>Journal of Organometallic Chemistry</i> , 2019 , 887, 5-11	2.3	2
230	Germylene-bridged bimetallic Ir and Rh complexes. <i>Dalton Transactions</i> , 2019 , 48, 3555-3559	4.3	2
229	Tandem double hydrophosphination of α,β -unsaturated-1,3-indandiones: diphosphine synthesis, mechanistic investigations and coordination chemistry. <i>Chemical Communications</i> , 2019 , 55, 10936-10939	5.8	4
228	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> , 2019 , 141, 13729-13733	16.4	17
227	Catalytic and Mechanistic Developments of the Nickel(II) Pincer Complex-Catalyzed Hydroarsination Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 11308-11317	4.8	4
226	Design and assembly of a chiral composite metal-organic framework for efficient asymmetric sequential transformation of alkenes to amino alcohols. <i>Chemical Communications</i> , 2019 , 55, 9136-9139	5.8	11
225	Orthogonality in main group compounds: a direct one-step synthesis of air- and moisture-stable cyclophosphazanes by mechanochemistry. <i>Chemical Communications</i> , 2018 , 54, 6800-6803	5.8	16
224	Structure engineering: extending the length of azaacene derivatives through quinone bridges. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3628-3633	7.1	9
223	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7826-7829	16.4	27
222	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7774-7779	16.4	32
221	From Linear to Angular Isomers: Achieving Tunable Charge Transport in Single-Crystal Indolocarbazoles Through Delicate Synergetic CH/NH \cdots N Interactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8875-8880	16.4	31
220	Isolation and Reactivity of a Chlorogermylumylidene Featuring Two Ge \cdots N Units. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2228-2231	2.3	5
219	Impact of C \cdots H \cdots X (X = F, N) and π Interactions on Tuning the Degree of Charge Transfer in F6TNAP-Based Organic Binary Compound Single Crystals. <i>Crystal Growth and Design</i> , 2018 , 18, 1776-1783	3.5	28
218	Boron Analogue of Vinylidene Dication Supported by Phosphines. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1255-1258	16.4	22
217	Photooxidation of a Twisted Isoquinolinone. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 250-254	4.5	3
216	Stereogenic Lock in 1-Naphthylethanamine Complexes for Catalyst and Auxiliary Design: Structural and Reactivity Analysis for Cycloiridated Pseudotetrahedral Complexes. <i>Organometallics</i> , 2018 , 37, 99-106	3.8	11
215	A Bis(germylumylidene)silver(I) Complex Dication. <i>Organometallics</i> , 2018 , 37, 1368-1372	3.8	8
214	B-H Bond Activation by an Amidinate-Stabilized Amidosilylene: Non-Innocent Amidinate Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 5879-5887	5.1	17

213	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H ₂ , NH ₃ , and an Isonitrile. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7846-7849	16.4	28
212	Catalytic asymmetric synthesis of Pt- and Pd-PCP pincer complexes bearing a para-N pyridinyl backbone. <i>Journal of Organometallic Chemistry</i> , 2018 , 862, 22-27	2.3	3
211	Polymer-Assisted Single Crystal Engineering of Organic Semiconductors To Alter Electron Transport. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 11837-11842	9.5	13
210	Molecular Engineering toward Coexistence of Dielectric and Optical Switch Behavior in Hybrid Perovskite Phase Transition Material. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 6416-6423	2.8	15
209	Desymmetrization of Achiral Heterobicyclic Alkenes through Catalytic Asymmetric Hydrophosphination. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2829-2833	4.5	14
208	Controlling Supramolecular Chirality of Two-Component Hydrogels by J- and H-Aggregation of Building Blocks. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6467-6473	16.4	111
207	Hole Mobility Modulation in Single-Crystal Metal Phthalocyanines by Changing the Metal- π Interactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10112-10117	16.4	30
206	Challenges in cyclometalation: steric effects leading to competing pathways and π -cyclometalated iridium(III) complexes. <i>Dalton Transactions</i> , 2018 , 47, 13046-13051	4.3	4
205	Triflic-Acid-Catalyzed Tandem Allylic Substitution-Cyclization Reaction of Alcohols with Thiophenols-Facile Access to Polysubstituted Thiochromans. <i>ACS Omega</i> , 2018 , 3, 8945-8951	3.9	4
204	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13555-13559	16.4	51
203	Inducing Panchromatic Absorption and Photoconductivity in Polycrystalline Molecular 1D Lead-Iodide Perovskites through π -Stacked Viologens. <i>Chemistry of Materials</i> , 2018 , 30, 5827-5830	9.6	21
202	Synthesis of Unique Phosphazane Macrocycles via Steric Activation of C-N Bonds. <i>Inorganic Chemistry</i> , 2018 , 57, 10993-11004	5.1	6
201	Control on Dimensions and Supramolecular Chirality of Self-Assemblies through Light and Metal Ions. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16275-16283	16.4	61
200	Ruthenacyclic Carbamoyl Complexes: Highly Efficient Catalysts for Organosilane Hydrolysis. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4982-4986	2.3	6
199	Facile Activation of Homoatomic B Bonds in White Phosphorus and Diborane by a Diboraallene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15691-15695	16.4	21
198	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type [PbBr] ₆ Nanoclusters. <i>Inorganic Chemistry</i> , 2018 , 57, 14035-14038	5.1	19
197	Efficient Synthesis of Malonate Functionalized Chiral Phosphapalladacycles and their Catalytic Evaluation in Asymmetric Hydrophosphination of Chalcone. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4385-4390	2.3	4
196	Stibine-protected Au nanoclusters: syntheses, properties and facile conversion to GSH-protected Au nanocluster. <i>Chemical Science</i> , 2018 , 9, 8723-8730	9.4	26

- 195 Embedding a Ruthenium-Based Structural Mimic of the [Fe]-Hydrogenase Cofactor into Papain. *Inorganic Chemistry*, **2018**, 57, 12206-12212 5.1 7
- 194 Structural Mimics of the [Fe]-Hydrogenase: A Complete Set for Group VIII Metals. *Inorganic Chemistry*, **2018**, 57, 7113-7120 5.1 12
- 193 Synthesis of Stereoprojecting, Chiral N-C(sp³)-E Type Pincer Complexes. *Organometallics*, **2018**, 37, 2272-2285 3.2 10
- 192 Donor-Acceptor Stabilized Tetra(silanimine). *Inorganic Chemistry*, **2017**, 56, 1609-1615 5.1 6
- 191 Efficient access to a designed phosphapalladacycle catalyst via enantioselective catalytic asymmetric hydrophosphination. *Dalton Transactions*, **2017**, 46, 1311-1316 4.3 7
- 190 Formation of Boron-Main-Group Element Bonds by Reactions with a Tricoordinate Organoboron LPhB: (L = Oxazol-2-ylidene). *Inorganic Chemistry*, **2017**, 56, 5586-5593 5.1 23
- 189 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
- 188 Reactivity of a Base-Stabilized Germanium(I) Dimer toward Group 9 Metal(I) Chloride and Dimanganese Decacarbonyl. *Inorganic Chemistry*, **2017**, 56, 5402-5410 5.1 12
- 187 Mechanochemical Synthesis of Phosphazane-Based Frameworks. *Chemistry - A European Journal*, **2017**, 23, 11279-11285 4.8 17
- 186 Nickel catalyzed enantioselective hydroarsination of nitrostyrene. *Chemical Communications*, **2017**, 53, 6307-6310 5.8 12
- 185 A large pyrene-fused N-heteroacene: fifteen aromatic six-membered rings annulated in one row. *Chemical Communications*, **2017**, 53, 7772-7775 5.8 94
- 184 Trapping a Silicon(I) Radical with Carbenes: A Cationic cAAC-Silicon(I) Radical and an NHC-Parent-Silyliumylidene Cation. *Angewandte Chemie - International Edition*, **2017**, 56, 7573-7578 16.4 32
- 183 Alkene-Carbene Isomerization induced by Borane: Access to an Asymmetrical Diborene. *Journal of the American Chemical Society*, **2017**, 139, 5047-5050 16.4 58
- 182 Diverse Bonding Activations in the Reactivity of a Pentaphenylborole toward Sodium Phosphaethynolate: Heterocycle Synthesis and Mechanistic Studies. *Inorganic Chemistry*, **2017**, 56, 4112-4120 5.1 18
- 181 Delocalized Hypervalent Silyl Radical Supported by Amidinate and Imino Substituents. *Inorganic Chemistry*, **2017**, 56, 701-704 5.1 7
- 180 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
- 179 Molecular Crystal Engineering: Tuning Organic Semiconductor from p-type to n-type by Adjusting Their Substitutional Symmetry. *Advanced Materials*, **2017**, 29, 1605053 24 47
- 178 Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. *Journal of the American Chemical Society*, **2017**, 139, 436-441 16.4 109

177	Aryl-NHC-group 13 trimethyl complexes: structural, stability and bonding insights. <i>Dalton Transactions</i> , 2017 , 46, 854-864	4.3	12
176	Highly Effective Carbon Fixation via Catalytic Conversion of CO ₂ by an Acylamide-Containing Metal-Organic Framework. <i>Chemistry of Materials</i> , 2017 , 29, 9256-9261	9.6	88
175	A snapshot of inorganic Janovsky complex analogues featuring a nucleophilic boron center. <i>Chemical Communications</i> , 2017 , 53, 12734-12737	5.8	8
174	Crystalline boron-linked tetraaminoethylene radical cations. <i>Chemical Science</i> , 2017 , 8, 7419-7423	9.4	15
173	Ring Expansion, Photoisomerization, and Retrocyclization of 1,4,2-Diazaboroles. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14572-14576	16.4	5
172	Electrostatic Catalyst Generated from Diazadiborinine for Carbonyl Reduction. <i>Chem</i> , 2017 , 3, 134-151	16.2	26
171	Cobalt-platinum heterometallic clusters containing N-heterocyclic carbene ligands. <i>Journal of Organometallic Chemistry</i> , 2017 , 849-850, 48-53	2.3	2
170	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9829-9832	16.4	41
169	A Dimeric NHC-Silicon Monotelluride: Synthesis, Isomerization, and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11565-11569	16.4	10
168	Synthesis and the Optical and Electrochemical Properties of Indium(III) Bis(arylimino)acenaphthene Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 7811-7820	5.1	20
167	Synthesis and thermal reactivity of a Me ₃ N-stabilized cyclic (alkyl)(amino)oxophosphonium ion. <i>Inorganica Chimica Acta</i> , 2017 , 460, 2-7	2.7	7
166	Computational and carbon-13 NMR studies of Pt-C bonds in P-C-P pincer complexes. <i>Dalton Transactions</i> , 2016 , 45, 2095-101	4.3	4
165	Synthesis of a Bent 2-Silaallene with a Perturbed Electronic Structure from a Cyclic Alkyl(amino) Carbene-Diiodosilylene. <i>Inorganic Chemistry</i> , 2016 , 55, 9091-8	5.1	32
164	Ambiphilic boron in 1,4,2,5-diazadiborinine. <i>Nature Communications</i> , 2016 , 7, 11871	17.4	73
163	Bisguanidinium dinuclear oxodiperoxomolybdatesulfate ion pair-catalyzed enantioselective sulfoxidation. <i>Nature Communications</i> , 2016 , 7, 13455	17.4	37
162	Nucleophilic reactivity and electrocatalytic reduction of halogenated organic compounds by nickel o-phenylenedioxamate complexes. <i>Dalton Transactions</i> , 2016 , 45, 13556-64	4.3	9
161	Mechanistic insights into the role of PC- and PCP-type palladium catalysts in asymmetric hydrophosphination of activated alkenes incorporating potential coordinating heteroatoms. <i>Dalton Transactions</i> , 2016 , 45, 13449-55	4.3	21
160	Azaborabutadienes: Synthesis by Metal-Free Carboboration of Nitriles and Utility as Building Blocks for B,N-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14718-14722	16.4	29

159	Isolation of a Diborane(6) Dication: Formation and Cleavage of an Electron-Precise B(sp ³)-B(sp ³) Bond. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8623-9	16.4	56
158	Synthesis, characterization, and electronic structures of a methyl germyliumylidene ion and germylone-group VI metal complexes. <i>Chemical Communications</i> , 2016 , 52, 613-6	5.8	27
157	Palladacyclo-promoted asymmetric hydrophosphination reaction between diphenylphosphine and 2-ethynylpyridine. <i>Journal of Organometallic Chemistry</i> , 2016 , 801, 1-5	2.3	4
156	Synthesis of an N-Heterocyclic-Carbene-Stabilized Siladiimide. <i>Inorganic Chemistry</i> , 2016 , 55, 4-6	5.1	7
155	The synthesis and efficient one-pot catalytic "self-breeding" of asymmetrical NC(sp ³)E-hybridised pincer complexes. <i>Chemical Communications</i> , 2016 , 52, 4211-4	5.8	32
154	Switching charge-transfer characteristics from p-type to n-type through molecular "doping" (co-crystallization). <i>Chemical Science</i> , 2016 , 7, 3851-3856	9.4	80
153	Isolation of a Cyclic (Alkyl)(amino)germylene. <i>Molecules</i> , 2016 , 21,	4.8	19
152	Serendipitous Observation of Al Insertion into a C-O Bond in L PhB (L=Oxazol-2-ylidene). <i>Chemistry - A European Journal</i> , 2016 , 22, 1922-1925	4.8	24
151	Reactivity Studies on a Diazadiphosphapentalene. <i>Chemistry - A European Journal</i> , 2016 , 22, 9976-85	4.8	15
150	Investigation of Functional Group Effects on Palladium Catalysed Asymmetric P _{BE} Addition. <i>Australian Journal of Chemistry</i> , 2016 , 69, 499	1.2	2
149	A Colorimetric and Fluorimetric Chemodosimeter for Copper Ion Based on the Conversion of Dihydropyrazine to Pyrazine. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 136-40	4.5	24
148	Synthesis of a Germylidenide Anion from the C _{BE} Bond Activation of a Bis(germylene). <i>Organometallics</i> , 2016 , 35, 1060-1063	3.8	13
147	Synthesis, physical properties, and sensing behaviour of a novel naphthalenediimide derivative. <i>Dyes and Pigments</i> , 2016 , 131, 224-230	4.6	7
146	A multi-step solvent-free mechanochemical route to indium(iii) complexes. <i>Dalton Transactions</i> , 2016 , 45, 7941-6	4.3	33
145	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> , 2016 , 138, 6650-61	16.4	89
144	Isolation of Phosphinoimino-2-imidazoline. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 1264-1268	1.3	2
143	Efficient and stereoselective synthesis of monomeric and bimetallic pincer complexes containing Pd-bonded stereogenic carbons. <i>RSC Advances</i> , 2016 , 6, 75951-75959	3.7	13
142	1,3,2,5-Diazadiborinine featuring nucleophilic and electrophilic boron centres. <i>Nature Communications</i> , 2015 , 6, 7340	17.4	73

141	Highly selective anti-cancer properties of ester functionalized enantiopure dinuclear gold(I)-diphosphine. <i>European Journal of Medicinal Chemistry</i> , 2015 , 98, 250-5	6.8	14
140	Palladium catalyzed asymmetric hydrophosphination of α,β -unsaturated malonate esters - efficient control of reactivity, stereo- and regio-selectivity. <i>Dalton Transactions</i> , 2015 , 44, 1258-63	4.3	43
139	Anti-Markovnikov hydroimination of terminal alkynes in gold-catalyzed pyridine construction from ammonia. <i>Chemical Communications</i> , 2015 , 51, 12419-22	5.8	9
138	Synthesis, structure, physical properties and OLED application of pyrazine- α -triphenylamine fused conjugated compounds. <i>RSC Advances</i> , 2015 , 5, 63080-63086	3.7	29
137	Dye-sensitized polyoxometalate for visible-light-driven photoelectrochemical cells. <i>Dalton Transactions</i> , 2015 , 44, 14354-8	4.3	37
136	Synthesis and Hydrolytic Studies on the Air-Stable [(4-CN-PhO)(E)P(EN(t)Bu)] ₂ (E = O, S, and Se) Cyclodiphosphazanes. <i>Inorganic Chemistry</i> , 2015 , 54, 6423-32	5.1	20
135	Versatile Syntheses of Optically Pure PCE Pincer Ligands: Facile Modifications of the Pendant Arms and Ligand Backbones. <i>Organometallics</i> , 2015 , 34, 1582-1588	3.8	29
134	Diverse reactivity of a tricoordinate organoboron LPhB: (L = oxazol-2-ylidene) towards alkali metal, group 9 metal, and coinage metal precursors. <i>Chemical Science</i> , 2015 , 6, 2893-2902	9.4	76
133	Oxo-Bridged Bis(group 4 metal unsymmetric phosphonium-stabilized carbene) Complexes. <i>Organometallics</i> , 2015 , 34, 1238-1244	3.8	11
132	Metal Effects on the Asymmetric Cycloaddition Reaction between 3,4-Dimethyl-1-phenylphosphole and Sulfoxide. <i>Organometallics</i> , 2015 , 34, 5081-5087	3.8	2
131	Palladacycle promoted base controlled regio- and enantioselective hydrophosphination of 2-pyridylacrylate/amide and the cytotoxicity of their gold complexes. <i>Dalton Transactions</i> , 2015 , 44, 17557-64	4.2	8
130	A crystalline CuSnS framework for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 19410-19416	13	48
129	Asymmetric 1,4-Conjugate Addition of Diarylphosphines to α,β -unsaturated Ketones Catalyzed by Transition-Metal Pincer Complexes. <i>Organometallics</i> , 2015 , 34, 5196-5201	3.8	36
128	Isolation and Reactivity of 1,4,2-Diazaborole. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11274-7	16.4	15
127	4-Diphenylamino-phenyl substituted pyrazine: nonlinear optical switching by protonation. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9191-9196	7.1	77
126	N-Heteroheptacenequinone and N-heterononacenequinone: synthesis, physical properties, crystal structures and photoelectrochemical behaviors. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9877-9884	7.1	21
125	Reversible [4 + 2] cycloaddition reaction of 1,3,2,5-diazadiborinine with ethylene. <i>Chemical Science</i> , 2015 , 6, 7150-7155	9.4	47
124	Acyclic Amido-Containing Silanechalcogenones. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3821-3824	2.3	13

123	An Approach to the Efficient Syntheses of Chiral Phosphino- Carboxylic Acid Esters. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3297-3302	5.6	12
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121	Instability of metal 1,3-benzodi(thiophosphinoyl)methandiide complexes: formation of hafnium, tin and zirconium complexes of 1,3-benzodi(thiophosphinoyl)thioetone dianionic ligand [1,3-C ₆ H ₄ (PhPS) ₂ CS](2(-)). <i>Dalton Transactions</i> , 2015 , 44, 12633-9	4.3	4
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112	Palladacycle catalyzed asymmetric P-H addition of diarylphosphines to N-enoyl phthalimides. <i>Chemistry - A European Journal</i> , 2014 , 20, 14514-7	4.8	22
111	Enantioselective phospho-Michael addition of diarylphosphines to α,β -unsaturated β -ketoesters and amides. <i>Chemical Communications</i> , 2014 , 50, 8768-70	5.8	35
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109	1,2,4,3-Triazaborole-based neutral oxoborane stabilized by a Lewis acid. <i>Chemical Communications</i> , 2014 , 50, 8561-4	5.8	35
108	Synthesis and structural characterization of a C ₂ cumulene including 4-pyridylidene units, and its reactivity towards ammonia-borane. <i>Chemical Communications</i> , 2014 , 50, 12378-81	5.8	17
107	A highly efficient dual catalysis approach for C-glycosylation: addition of (o-azaaryl)carboxaldehyde to glycals. <i>Chemical Communications</i> , 2014 , 50, 13391-3	5.8	31
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100	A one-pot diastereoselective self assembly of C-stereogenic copper(I) diphosphine clusters. <i>Inorganic Chemistry</i> , 2014 , 53, 10232-9	5.1	8
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95	Isolation of an imino-N-heterocyclic carbene/germanium(0) adduct: a mesoionic germylene equivalent. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13106-9	16.4	45
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93	Synthesis and Reactivity of Cationic Iridium Aminocarbenes Derived from Terminal Alkynes and 2-Aminopyridines. <i>Organometallics</i> , 2013 , 32, 4149-4152	3.8	10
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91	Highly active catalysts of bisphosphine oxides for asymmetric Heck reaction. <i>Chemical Communications</i> , 2013 , 49, 9425-7	5.8	56
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89	Annelation of Phosphole-Substituted Fischer Carbene Complexes by Alkynes. <i>Organometallics</i> , 2013 , 32, 7482-7486	3.8	4
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85	Electrochemical/chemical oxidation of bisphenol A in a four-electron/two-proton process in aprotic organic solvents. <i>Electrochimica Acta</i> , 2013 , 112, 287-294	6.7	23
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82	N-Heterocyclic Carbene C,S Palladium(II) Allyl Complexes: Synthesis, Characterization, and Catalytic Application In Allylic Amination Reactions. <i>Organometallics</i> , 2013 , 32, 2389-2397	3.8	23
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79	A Base-Stabilized 2-Silaallene. <i>Organometallics</i> , 2013 , 32, 2267-2270	3.8	10
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76	The Original Coordination Chemistry of 2-Phosphaphenol with Copper(I) and Gold(I) Halides. <i>Organometallics</i> , 2013 , 32, 3562-3565	3.8	29
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