

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.

252
papers

5,979
citations

40
h-index

62
g-index

264
ext. papers

6,972
ext. citations

6.4
avg, IF

6.18
L-index

#	Paper	IF	Citations
252	Fully conjugated azacorannulene dimer as large diaza[80]fullerene fragment.. <i>Nature Communications</i> , 2022 , 13, 1498	17.4	2
251	Nanopore-Based Single-Entity Electrochemistry for the Label-Free Monitoring of Single-Molecule Glycoprotein-Boronate Affinity Interaction and Its Sensing Application.. <i>Analytical Chemistry</i> , 2022 ,	7.8	3
250	A cationic thorium-organic framework with triple single-crystal-to-single-crystal transformation peculiarities for ultrasensitive anion recognition.. <i>Chemical Science</i> , 2021 , 12, 15833-15842	9.4	4
249	Catalytic Asymmetric Hydrophosphination as a Valuable Tool to Access Dihydrophosphinated Curcumin and Its Derivatives. <i>Organometallics</i> , 2021 , 40, 3454-3461	3.8	2
248	Chelating Phosphine-N-Heterocyclic Carbene Platinum Complexes via Catalytic Asymmetric Hydrophosphination and Their Cytotoxicity Toward MKN74 and MCF7 Cancer Cell Lines. <i>Inorganic Chemistry</i> , 2021 , 60, 17276-17287	5.1	2
247	Interpenetration Control in Thorium Metal-Organic Frameworks: Structural Complexity toward Iodine Adsorption. <i>Inorganic Chemistry</i> , 2021 , 60, 5617-5626	5.1	5
246	Stochastic Collision Electrochemistry from Single G-Quadruplex/Hemin: Electrochemical Amplification and MicroRNA Sensing. <i>Analytical Chemistry</i> , 2021 , 93, 4593-4600	7.8	16
245	Intrinsic Catalytic Activities from Single Enzyme@Metal-Organic Frameworks by Using a Stochastic Collision Electrochemical Technique. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 5443-5447	6.4	2
244	Dual-signaling amplification strategy for glutathione sensing by using single gold nanoelectrodes. <i>Analytica Chimica Acta</i> , 2021 , 1166, 338579	6.6	0
243	Macrocyclic-Based Metal-Organic Frameworks with NO-Driven On/Off Switch of Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27066-27073	9.5	2
242	Access to a Chiral Phosphine-NHC Palladium(II) Complex via the Asymmetric Hydrophosphination of Achiral Vinyl Azoles. <i>Organometallics</i> , 2021 , 40, 2118-2122	3.8	7
241	Mechanosynthesis of Higher-Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design**. <i>Angewandte Chemie</i> , 2021 , 133, 17622-17631	3.6	0
240	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
239	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
238	Voltammetric Analysis of Single Nanobubble Formation on Ag and Ag@MoS ₂ Nanoelectrodes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 3073-3080	3.8	3
237	Intrinsic Electrocatalytic Activity of Single MoS ₂ Quantum Dot Collision on Ag Ultramicroelectrodes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 3337-3345	3.8	11
236	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

235	Mechanosynthesis of Higher-Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17481-17490	16.4	8
234	SERS Monitoring of the Plasmon-Driven Catalytic Reaction by Using Single Ag@Au Nanowires as Substrates. <i>Analytical Chemistry</i> , 2021 , 93, 11736-11744	7.8	6
233	Enzyme-Encapsulated Zeolitic Imidazolate Frameworks Formed Inside the Single Glass Nanopore: Catalytic Performance and Sensing Application. <i>Analytical Chemistry</i> , 2021 , 93, 12257-12264	7.8	5
232	A programmable electrochemical nanosensor based on robust bipedal DNA walkers fueled by catalytic hairpin assembly. <i>Sensors and Actuators B: Chemical</i> , 2021 , 347, 130563	8.5	1
231	Ferroelastic-switching-driven large shear strain and piezoelectricity in a hybrid ferroelectric. <i>Nature Materials</i> , 2021 , 20, 612-617	27	28
230	Diazapentabenzocorannulenium: A Hydrophilic/Biophilic Cationic Buckybowl. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	6
229	Size-Dependent Electrochemistry and Electrocatalysis at Single Au@Pt Bimetallic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 24740-24746	3.8	5
228	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
227	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
226	Ultrastable Thorium Metal-Organic Frameworks for Efficient Iodine Adsorption. <i>Inorganic Chemistry</i> , 2020 , 59, 4435-4442	5.1	46
225	Catalytic Asymmetric Diarylphosphine Addition to α -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
224	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
223	Analytes Triggered Conformational Switch of i-Motif DNA inside Gold-Decorated Solid-State Nanopores. <i>ACS Sensors</i> , 2020 , 5, 2177-2183	9.2	16
222	Carbodicarbene Ligand Redox Noninnocence in Highly Oxidized Chromium and Cobalt Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 4118-4128	5.1	9
221	Observation of plasmon boosted photoelectrochemical activities on single Au/Cu ₂ O nanoelectrode. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 165102	3	3
220	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
219	Catalytic Approach toward Chiral P,N-Chelate Complexes Utilizing the Asymmetric Hydrophosphination Protocol. <i>Inorganic Chemistry</i> , 2020 , 59, 3874-3886	5.1	8
218	Nanopore-based Strategy for Selective Detection of Single Carcinoembryonic Antigen (CEA) Molecules. <i>Analytical Chemistry</i> , 2020 , 92, 3042-3049	7.8	33

217	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
216	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</i> , 2020 , 132, 10883-10888	3.6	1
215	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
214	Palladium-Coated Single Silver Nanowire Electrodes: Size-Dependent Voltammetry, Enhanced Chemical Stability, and High Performance for Methanol Oxidation. <i>Chemistry - A European Journal</i> , 2020 , 26, 10406-10410	4.8	1
213	Chemoselective Synthesis and Evaluation of α -oxovinylarsines as an Arsenic Synthetic Precursor. <i>Organometallics</i> , 2020 , 39, 271-278	3.8	1
212	Bisguanidinium-Catalyzed Epoxidation of Allylic and Homoallylic Amines under Phase Transfer Conditions. <i>ACS Catalysis</i> , 2020 , 10, 2684-2691	13.1	8
211	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
210	Divergent Reactivity of Phosphapalladacycles toward E^{II} (E = N, P, As) Bonds. <i>Organometallics</i> , 2020 , 39, 182-188	3.8	2
209	Single gold nanoclusters: Formation and sensing application for isonicotinic acid hydrazide detection. <i>Talanta</i> , 2020 , 220, 121376	6.2	2
208	Chemo/bionanosensors for medical applications 2020 , 483-500		1
207	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
206	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	
205	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
204	Synthesis, characterization and photophysical studies of a novel polycyclic diborane. <i>New Journal of Chemistry</i> , 2019 , 43, 564-568	3.6	3
203	Selective Single Molecule Nanopore Sensing of microRNA Using PNA Functionalized Magnetic Core-Shell FeO-Au Nanoparticles. <i>Analytical Chemistry</i> , 2019 , 91, 7965-7970	7.8	31
202	Occurrence of Chiral Nanostructures Induced by Multiple Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9946-9954	16.4	56
201	Amperometric sensing of hydrazine by using single gold nanopore electrodes filled with Prussian Blue and coated with polypyrrole and carbon dots. <i>Mikrochimica Acta</i> , 2019 , 186, 350	5.8	11
200	Crystalline Tetraatomic Boron(0) Species. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5164-5168	6.4	14

199	Single Ag Nanowire Electrodes and Single Pt@Ag Nanowire Electrodes: Fabrication, Electrocatalysis, and Surface-Enhanced Raman Scattering Applications. <i>Analytical Chemistry</i> , 2019 , 91, 4291-4295	7.8	14
198	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
197	A simple strategy for the fabrication of gold-modified single nanopores and its application for miRNA sensing. <i>Chemical Communications</i> , 2019 , 55, 10288-10291	5.8	10
196	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
195	Unique Voltammetry of Silver Nanoparticles: From Single Particle to Aggregates. <i>Analytical Chemistry</i> , 2019 , 91, 14188-14191	7.8	7
194	Novel manganese(II)-based metal-organic gels: synthesis, characterization and application to chemiluminescent sensing of hydrogen peroxide and glucose. <i>Mikrochimica Acta</i> , 2019 , 186, 696	5.8	8
193	Dual-signal amplification strategy for miRNA sensing with high sensitivity and selectivity by use of single Au nanowire electrodes. <i>Biosensors and Bioelectronics</i> , 2019 , 131, 88-94	11.8	14
192	Single Pt-Pd Bimetallic Nanoparticle Electrode: Controllable Fabrication and Unique Electrocatalytic Performance for the Methanol Oxidation Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 4935-4940	4.8	14
191	Single mercury nanoelectrode: Single nucleus growth on Au nanoelectrode and its sensing application. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 523-528	8.5	7
190	Permselectivity and Dopamine Detection with Pt Electrodes Covered with PAA-Modified Porous Silicate Film. <i>Journal of the Electrochemical Society</i> , 2019 , 166, H19-H24	3.9	6
189	Black phosphorus nanosheets based sensitive protease detection and inhibitor screening. <i>Talanta</i> , 2019 , 197, 270-276	6.2	25
188	A signal amplification strategy and sensing application using single gold nanoelectrodes. <i>Analyst</i> , 2018 , 144, 310-316	5	15
187	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
186	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7826-7829	16.4	27
185	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7774-7779	16.4	32
184	DNA nanosensors based on the use of single gold nanowire electrodes and Methylene Blue as an intercalator. <i>Mikrochimica Acta</i> , 2018 , 185, 152	5.8	10
183	Isolation and Reactivity of a Chlorogermylumylidene Featuring Two Ge ^{III} Units. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2228-2231	2.3	5
182	Impact of C-H...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

181	Boron Analogue of Vinylidene Dication Supported by Phosphines. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1255-1258	16.4	22
180	Photooxidation of a Twisted Isoquinolinone. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 250-254	4.5	3
179	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie</i> , 2018 , 130, 7952-7955	3.6	16
178	A Bis(germyliumylidene)silver(I) Complex Dication. <i>Organometallics</i> , 2018 , 37, 1368-1372	3.8	8
177	B-H Bond Activation by an Amidinate-Stabilized Amidosilylene: Non-Innocent Amidinate Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 5879-5887	5.1	17
176	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H, NH, and an Isonitrile. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7846-7849	16.4	28
175	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
174	Desymmetrization of Achiral Heterobicyclic Alkenes through Catalytic Asymmetric Hydrophosphination. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2829-2833	4.5	14
173	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
172	Challenges in cyclometalation: steric effects leading to competing pathways and \square cyclometalated iridium(III) complexes. <i>Dalton Transactions</i> , 2018 , 47, 13046-13051	4.3	4
171	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
170	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13555-13559	16.4	51
169	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie</i> , 2018 , 130, 13743-13747	3.6	15
168	Size-Dependent Voltammetry at Single Silver Nanoelectrodes. <i>Analytical Chemistry</i> , 2018 , 90, 9677-9681	7.8	22
167	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
166	Synthesis of Unique Phosphazane Macrocycles via Steric Activation of C-N Bonds. <i>Inorganic Chemistry</i> , 2018 , 57, 10993-11004	5.1	6
165	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie</i> , 2018 , 130, 7900-7905	3.6	13
164	Epoxy-sealed single Pt nanoelectrodes: Fabrication and electrocatalytic performance for the methanol oxidation reaction. <i>Electrochemistry Communications</i> , 2018 , 86, 63-67	5.1	8

163	Single Cylindrical Nanopore Electrodes: Surface Functionalization, Unusual Voltammetry, and Size-Exclusion Properties. <i>ChemElectroChem</i> , 2018 , 5, 292-299	4.3	8
162	Electrochemical aptamer-based nanosensor fabricated on single Au nanowire electrodes for adenosine triphosphate assay. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 431-437	11.8	33
161	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
160	Facile Activation of Homoatomic B-Bonds in White Phosphorus and Diborane by a Diboraallene. <i>Angewandte Chemie</i> , 2018 , 130, 15917-15921	3.6	6
159	Ruthenacyclic Carbamoyl Complexes: Highly Efficient Catalysts for Organosilane Hydrolysis. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4982-4986	2.3	6
158	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
157	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type [PbBr] Nanoclusters. <i>Inorganic Chemistry</i> , 2018 , 57, 14035-14038	5.1	19
156	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
155	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
154	Embedding a Ruthenium-Based Structural Mimic of the [Fe]-Hydrogenase Cofactor into Papain. <i>Inorganic Chemistry</i> , 2018 , 57, 12206-12212	5.1	7
153	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H ₂ , NH ₃ , and an Isonitrile. <i>Angewandte Chemie</i> , 2018 , 130, 7972-7975	3.6	10
152	Structural Mimics of the [Fe]-Hydrogenase: A Complete Set for Group VIII Metals. <i>Inorganic Chemistry</i> , 2018 , 57, 7113-7120	5.1	12
151	Synthesis of Stereoprojecting, Chiral N-C(sp ³)-E Type Pincer Complexes. <i>Organometallics</i> , 2018 , 37, 2272-2285	3.2	10
150	Donor-Acceptor Stabilized Tetra(silanimine). <i>Inorganic Chemistry</i> , 2017 , 56, 1609-1615	5.1	6
149	Efficient access to a designed phosphapalladacycle catalyst via enantioselective catalytic asymmetric hydrophosphination. <i>Dalton Transactions</i> , 2017 , 46, 1311-1316	4.3	7
148	Bis(N-heterocyclic olefin) Derivative: An Efficient Precursor for Isophosphindolylium Species. <i>Inorganic Chemistry</i> , 2017 , 56, 8608-8614	5.1	9
147	Field-Effect Devices: Molecular Crystal Engineering: Tuning Organic Semiconductor from p-type to n-type by Adjusting Their Substitutional Symmetry (Adv. Mater. 10/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1
146	Reactivity of an amidinato silylene and germylene toward germanium(ii), tin(ii) and lead(ii) halides. <i>Dalton Transactions</i> , 2017 , 46, 3642-3648	4.3	18

145	Single gold nanowire electrodes and single Pt@Au nanowire electrodes: electrochemistry and applications. <i>Chemical Communications</i> , 2017 , 53, 2850-2853	5.8	35
144	Reactivity of a Base-Stabilized Germanium(II) Dimer toward Group 9 Metal(II) Chloride and Dimanganese Decacarbonyl. <i>Inorganic Chemistry</i> , 2017 , 56, 5402-5410	5.1	12
143	Mechanochemical Synthesis of Phosphazane-Based Frameworks. <i>Chemistry - A European Journal</i> , 2017 , 23, 11279-11285	4.8	17
142	Trapping a Silicon(II) Radical with Carbenes: A Cationic cAAC-Silicon(II) Radical and an NHC-Parent-Silyliumylidene Cation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7573-7578	16.4	32
141	Trapping a Silicon(II) Radical with Carbenes: A Cationic cAAC-Silicon(II) Radical and an NHC-Parent-Silyliumylidene Cation. <i>Angewandte Chemie</i> , 2017 , 129, 7681-7686	3.6	10
140	Alkene-Carbene Isomerization induced by Borane: Access to an Asymmetrical Diborene. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5047-5050	16.4	58
139	Diverse Bonding Activations in the Reactivity of a Pentaphenylborole toward Sodium Phosphaethynolate: Heterocycle Synthesis and Mechanistic Studies. <i>Inorganic Chemistry</i> , 2017 , 56, 4112-4120	5.1	18
138	Delocalized Hypervalent Silyl Radical Supported by Amidinate and Imino Substituents. <i>Inorganic Chemistry</i> , 2017 , 56, 701-704	5.1	7
137	Single-crystal growth, structures, charge transfer and transport properties of anthracene-F4TCNQ and tetracene-F4TCNQ charge-transfer compounds. <i>CrystEngComm</i> , 2017 , 19, 618-624	3.3	51
136	Molecular Crystal Engineering: Tuning Organic Semiconductor from p-type to n-type by Adjusting Their Substitutional Symmetry. <i>Advanced Materials</i> , 2017 , 29, 1605053	24	47
135	Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. <i>Journal of the American Chemical Society</i> , 2017 , 139, 436-441	16.4	109
134	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
133	Fabrication of single Pt@Au nanowire electrodes for monitoring hydrogen peroxide released from living cells. <i>RSC Advances</i> , 2017 , 7, 44552-44558	3.7	7
132	Crystalline boron-linked tetraaminoethylene radical cations. <i>Chemical Science</i> , 2017 , 8, 7419-7423	9.4	15
131	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie</i> , 2017 , 129, 9961-9964	3.6	21
130	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9829-9832	16.4	41
129	A Dimeric NHC-Silicon Monotelluride: Synthesis, Isomerization, and Reactivity. <i>Angewandte Chemie</i> , 2017 , 129, 11723-11727	3.6	4
128	A Dimeric NHC-Silicon Monotelluride: Synthesis, Isomerization, and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11565-11569	16.4	10

127	Laboratory Investigation of Washing Practices and Bio-Based Additive for Mitigating Metallic Corrosion by Magnesium Chloride Deicer. <i>Journal of Materials in Civil Engineering</i> , 2017 , 29, 04016187	3	11
126	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
125	Bisguanidinium dinuclear oxodiperoxomolybdatesulfate ion pair-catalyzed enantioselective sulfoxidation. <i>Nature Communications</i> , 2016 , 7, 13455	17.4	37
124	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
123	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
122	Synthesis of an N-Heterocyclic-Carbene-Stabilized Siladiimide. <i>Inorganic Chemistry</i> , 2016 , 55, 4-6	5.1	7
121	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
120	Investigation into the Synergistic Effect of Nano-sized Materials on the Anti-corrosion Properties of a Waterborne Epoxy Coating. <i>International Journal of Electrochemical Science</i> , 2016 , 6023-6042	2.2	18
119	Azaborabutadienes: Synthesis by Metal-Free Carboboration of Nitriles and Utility as Building Blocks for B,N-Heterocycles. <i>Angewandte Chemie</i> , 2016 , 128, 14938-14942	3.6	19
118	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
117	Synthesis of a Germylidenide Anion from the C-Ge Bond Activation of a Bis(germylene). <i>Organometallics</i> , 2016 , 35, 1060-1063	3.8	13
116	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
115	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
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