

Yue Zhao

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.

210 papers	5,600 citations	40 h-index	65 g-index
236 ext. papers	6,978 ext. citations	7.7 avg, IF	6.34 L-index

#	Paper	IF	Citations
210	Fluorescent Zn(II) frameworks with multicarboxylate and pyridyl N-donor ligands for sensing specific anions and organic molecules.. <i>Dalton Transactions</i> , 2022 ,	4.3	6
209	Modulating the Structures and Magnetic Properties of Dy(III) Single-Molecule Magnets through Acid-Base Regulation.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	2
208	Coordination Polymers with 2,2':6',2''-Terpyridine Earth-Abundant Metal Complex Units for Selective CO Photoreduction.. <i>Inorganic Chemistry</i> , 2022 , 61, 1590-1596	5.1	2
207	A cationic sulfur-hydrocarbon triradical with an excited quartet state.. <i>Chemical Communications</i> , 2022 ,	5.8	1
206	Regio- and enantioselective nucleophilic addition to gem-difluoroallenes 2022 , 1, 227-234		1
205	Cd(II) frameworks with tetracarboxylate and imidazole-containing ligands: Syntheses, structures, adsorption and sensing properties. <i>Journal of Solid State Chemistry</i> , 2022 , 123243	3.3	1
204	Redox-induced reversible P-P coupling in a uranium complex. <i>Chemical Communications</i> , 2021 , 57, 12175-12178	5.1	1
203	Controlling the unpaired electron by electrostatic attraction in the solid state. <i>Chemical Communications</i> , 2021 , 57, 13345-13348	5.8	
202	A stable triplet diradical emitter.. <i>Chemical Science</i> , 2021 , 12, 15151-15156	9.4	2
201	Construction and second-order nonlinear optical properties of two 1D zigzag chains with crisscross and parallel arrangements. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 2189	1.3	
200	A Photoluminescent Cd(II) Coordination Polymer with Potential Active Sites Exhibiting Multiresponsive Fluorescence Sensing for Trace Amounts of NACs and Fe and Al Ions. <i>Inorganic Chemistry</i> , 2021 , 60, 4945-4956	5.1	21
199	Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8500-8504	16.4	12
198	A novel copper framework with amino tridentate N-donor ligand as heterogeneous catalyst for ring opening of epoxides. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6262	3.1	0
197	Stable Boron-Containing Blue-Photoluminescent Radicals. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 1297-1302	1.9	3
196	Heterometallic Clusters with Multiple Rare Earth Metal-Transition Metal Bonding. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5998-6005	16.4	8
195	Ligand Non-innocence and Single Molecular Spintronic Properties of AgII Dibenzoacorrole Radical on Ag(111). <i>Angewandte Chemie</i> , 2021 , 133, 11808-11812	3.6	
194	Ligand Non-innocence and Single Molecular Spintronic Properties of Ag Dibenzoacorrole Radical on Ag(111). <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11702-11706	16.4	0

193	Anthracene-induced formation of highly twisted metallacycle and its crystal structure and tunable assembly behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
192	Generation of non-stabilized alkyl radicals from thianthrenium salts for C-B and C-C bond formation. <i>Nature Communications</i> , 2021 , 12, 4526	17.4	17
191	A cationic benzocorrole Cu(II) complex as a highly stable antiaromatic system. <i>Chemical Communications</i> , 2021 , 57, 383-386	5.8	6
190	Rational design and syntheses of aniline-based diradical dications: isolable congeners of quinodimethane diradicals. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 891-900	5.2	0
189	Facile Dinitrogen and Dioxygen Cleavage by a Uranium(III) Complex: Cooperativity Between the Non-Innocent Ligand and the Uranium Center. <i>Angewandte Chemie</i> , 2021 , 133, 477-483	3.6	3
188	Facile Dinitrogen and Dioxygen Cleavage by a Uranium(III) Complex: Cooperativity Between the Non-Innocent Ligand and the Uranium Center. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 473-479	16.4	11
187	Rhodium-catalysed selective C-C bond activation and borylation of cyclopropanes. <i>Chemical Science</i> , 2021 , 12, 3599-3607	9.4	5
186	Highly regioselective palladium-catalyzed domino reaction for post-functionalization of BODIPY. <i>Chemical Communications</i> , 2021 , 57, 1758-1761	5.8	3
185	Phosphorus(III)-assisted regioselective C-H silylation of heteroarenes. <i>Nature Communications</i> , 2021 , 12, 524	17.4	12
184	A high-spin diradical dianion and its bridged chemically switchable single-molecule magnet. <i>Chemical Science</i> , 2021 , 12, 9998-10004	9.4	0
183	Cobalt-Based Metal-Organic Frameworks for Adsorption of CO and C Hydrocarbons: Effect of Auxiliary Ligands with Different Functional Groups. <i>Inorganic Chemistry</i> , 2021 , 60, 2563-2572	5.1	2
182	Thermal switches between delayed fluorescence and persistent phosphorescence based on a keto-BODIPY electron acceptor. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2030-2037	3.9	0
181	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7066-7071	16.4	11
180	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold C-H Activation. <i>Angewandte Chemie</i> , 2021 , 133, 7142-7147	3.6	3
179	Synthesis, structure and properties of luminescent Cd(II) coordination polymers based on imidazole-decorated tetraphenylethylene. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 294-305	1.6	4
178	Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie</i> , 2021 , 133, 8581-8585	3.6	3
177	Orthogonal Design of a Water-Soluble -Tetraphenylethene-Functionalized Pillar[5]arene with Aggregation-Induced Emission Property and Its Therapeutic Application. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 37466-37474	9.5	14
176	Crystal Structures and Luminescent Probe Behaviors of Three-Dimensional Zn(II) Frameworks with Multicarboxylate and Tetradentate Imidazole-Containing Ligands. <i>Crystal Growth and Design</i> , 2021 , 21, 5306-5316	3.5	13

- 175 Luminescent silver(i) complexes with pyrazole-tetraphenylethene ligands: turn-on fluorescence due to the coordination-driven rigidification and solvent-oriented structural transformation. *Dalton Transactions*, **2021**, 50, 2183-2191 4.3 6
- 174 A single-crystal to single-crystal transition from a 7-fold interpenetrated coordination polymer to a non-interpenetrated one by photochemical [2 + 2] polymerization and their sensing properties. *Dalton Transactions*, **2021**, 50, 4408-4414 4.3 3
- 173 A Series of Metal-Organic Frameworks: Syntheses, Structures and Luminescent Detection, Gas Adsorption, Magnetic Properties. *Crystal Growth and Design*, **2021**, 21, 869-885 3.5 16
- 172 Photoredox-Controlled Regioselective Radical Hydroboration of Activated Alkenes with NHC-Boranes. *Angewandte Chemie*, **2020**, 132, 12917-12921 3.6 6
- 171 Regulation of an Ambient-Light-Induced Photocyclization Pathway (Norrish-Yang Versus 6J) by Substituent Choice. *Chemistry - A European Journal*, **2020**, 26, 12418-12430 4.8 2
- 170 Bioinspired design of a robust -methylating agent. *Science Advances*, **2020**, 6, eaba0946 14.3 15
- 169 Construction of efficient Mn-N-C oxygen reduction electrocatalyst from a Mn(II)-based MOF with N-rich organic linker. *Inorganic Chemistry Communication*, **2020**, 118, 107982 3.1 7
- 168 Stable Radical Cation and Dication of an N-Heterocyclic Carbene Stabilized Digallene: Synthesis, Characterization and Reactivity. *Angewandte Chemie*, **2020**, 132, 6835-6840 3.6 4
- 167 Revealing Silylation of C(sp²)/C(sp³)-H Bonds in Arylphosphines by Ruthenium Catalysis. *Angewandte Chemie - International Edition*, **2020**, 59, 10909-10912 16.4 21
- 166 Efficient red phosphorescent Ir(III) complexes based on rigid ligands with high external quantum efficiency and low efficiency roll-off. *Journal of Materials Chemistry C*, **2020**, 8, 6168-6175 7.1 4
- 165 Coordination polymers with a pyridyl-salen ligand for photocatalytic carbon dioxide reduction. *Chemical Communications*, **2020**, 56, 4110-4113 5.8 15
- 164 De novo design of Au(SR) nanoclusters. *Nature Communications*, **2020**, 11, 3349 17.4 21
- 163 Iridium complex of porphycene: a new member of metalloporphycene. *Science China Chemistry*, **2020**, 63, 682-686 7.9 3
- 162 Exploring Efficient Fe/N/C Electrocatalysts for Oxygen Reduction from Nonporous Interpenetrated Metal-Organic Framework Involving in Situ Formation of ZnO Templates. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 3208-3217 8.3 13
- 161 Tuning the Single-Molecule Magnetism of Dysprosium Complexes by a Redox-Noninnocent Diborane Ligand. *Organometallics*, **2020**, 39, 4143-4148 3.8 2
- 160 Stable, yet "naked", azo radical anion Ar⁻NNAr and dianion Ar²⁻NNAr (Ar = 4-CN-2,6-Pr⁻-CH) with selective CO activation. *Chemical Communications*, **2020**, 56, 3285-3288 5.8 3
- 159 Isolable cyclic radical cations of heavy main-group elements. *Chemical Communications*, **2020**, 56, 2167-2170 13.70 8
- 158 Zig-Zag Diphosphene Oligomers Linked by Silver(I) Cation. *Chinese Journal of Chemistry*, **2020**, 38, 351-359 2

157	Stable Radical Cation and Dication of an N-Heterocyclic Carbene Stabilized Digallene: Synthesis, Characterization and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6769-6774	16.4	4
156	Revealing Silylation of C(sp ²)/C(sp ³) π Bonds in Arylphosphines by Ruthenium Catalysis. <i>Angewandte Chemie</i> , 2020 , 132, 11001-11004	3.6	3
155	Potential effect of herbal antidepressants on cognitive deficit: Pharmacological activity and possible molecular mechanism. <i>Journal of Ethnopharmacology</i> , 2020 , 257, 112830	5	5
154	A Magnetically Robust Triplet Ground State Sulfur-Hydrocarbon Diradical Dication. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7340-7344	16.4	13
153	Photoredox-Controlled π Regioselective Radical Hydroboration of Activated Alkenes with NHC-Boranes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12817-12821	16.4	24
152	Crystalline Diradical Dianions of Pyrene-Fused Azaacenes. <i>Angewandte Chemie</i> , 2020 , 132, 11892-11897	3.6	0
151	Coordination polymers with salicylaldehyde ligands: structural diversity, selective sorption and luminescence sensing properties. <i>CrystEngComm</i> , 2020 , 22, 304-310	3.3	8
150	Cucurbit[7]uril-Based Metal-Organic Rotaxane Framework for Dual-Capture of Molecular Iodine and Cationic Potassium Ion. <i>Chemistry - A European Journal</i> , 2020 , 26, 2154-2158	4.8	7
149	Isomorphic Cd(II)/Zn(II)-MOFs as bifunctional chemosensors for anion (CrO ₄ ²⁻) and cation (Fe ³⁺) detection in aqueous solution. <i>Inorganic Chemistry Communication</i> , 2020 , 121, 108259	3.1	7
148	A new two-fold interpenetrated Cd(II)-based metal-organic framework as a fluorescent probe for nitro-aromatic compounds. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 2728-2739	1.6	12
147	Dual Functionalization of Electron Transport Layer Tailoring Molecular Structure for High-Performance Perovskite Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37346-37353	9.5	10
146	A diradical based on odd-electron π bonds. <i>Nature Communications</i> , 2020 , 11, 3441	17.4	5
145	Dinitrogen Cleavage by a Heterometallic Cluster Featuring Multiple Uranium-Rhodium Bonds. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15004-15011	16.4	19
144	Efficient methanol carbonylation to methyl acetate catalyzed by a cyclic(alkyl)(amino)carbene iridium complex. <i>Catalysis Science and Technology</i> , 2020 , 10, 6045-6049	5.5	3
143	A CTV Analogue: Arene-Persubstituted Cyclotrixylohydroquinoylene and Its Derivatives. <i>Organic Letters</i> , 2020 , 22, 8984-8988	6.2	2
142	External oxidant-compatible phosphorus(III)-directed site-selective C-H carbonylation. <i>Science Advances</i> , 2020 , 6,	14.3	7
141	Isolable Lanthanide Metal Complexes of a Phosphorus-Centered Radical. <i>Inorganic Chemistry</i> , 2020 , 59, 2111-2115	5.1	11
140	Crystalline Diradical Dianions of Pyrene-Fused Azaacenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11794-11799	16.4	7

139	Tunable Reduction of 2,4,6-Tri(4-pyridyl)-1,3,5-Triazine: From Radical Anion to Diradical Dianion to Radical Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18224-18229	16.4	15
138	Syntheses, Crystal Structures, and Photoluminescence of a Series of Iridium(III) Complexes Containing the Pentafluorosulfanyl Group. <i>Organometallics</i> , 2019 , 38, 3553-3559	3.8	9
137	Two platinum(ii) complexes with a 4-phenyl-4H-1,2,4-triazole derivative as an ancillary ligand for efficient green OLEDs. <i>Dalton Transactions</i> , 2019 , 48, 1892-1899	4.3	6
136	Fabrication of Desired Metal-Organic Frameworks via Postsynthetic Exchange and Sequential Linker Installation. <i>Crystal Growth and Design</i> , 2019 , 19, 1454-1470	3.5	45
135	Cooperative Au/Ag Dual-Catalyzed Cross-Dehydrogenative Biaryl Coupling: Reaction Development and Mechanistic Insight. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3187-3197	16.4	55
134	Adjustable chiral self-sorting and self-discriminating behaviour between diamond-like Tröger's base-linked cryptands. <i>Chemical Communications</i> , 2019 , 55, 8072-8075	5.8	3
133	Polygonum cuspidatum extract attenuates fructose-induced liver lipid accumulation through inhibiting Keap1 and activating Nrf2 antioxidant pathway. <i>Phytomedicine</i> , 2019 , 63, 152986	6.5	13
132	Water-Stable Coordination Polymers as Dual Fluorescent Sensors for Highly Oxidizing Anions CrO ₄ ²⁻ and MnO ₄ ²⁻ . <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3620-3626	4.5	26
131	Synthesis, crystal structure and fluorescent sensing property of metal-organic frameworks with 1,3-di(1H-imidazol-4-yl)benzene and 1,4-phenylenediacetate. <i>Polyhedron</i> , 2019 , 167, 33-38	2.7	15
130	A Main-Group Element Radical Based One-Dimensional Magnetic Chain. <i>Angewandte Chemie</i> , 2019 , 131, 6145-6149	3.6	6
129	Orthogonal Oriented Bisanthracene-Bridged Bis(Triarylamine) Diradical Dications: Isolation, Characterizations and Crystal Structures. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1708-1711	4.5	2
128	Efficient Fe-Co-N-C Electrocatalyst Towards Oxygen Reduction Derived from a Cationic Co ^{II} -based Metal-Organic Framework Modified by Anion-Exchange with Potassium Ferricyanide. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 995-1003	4.5	18
127	Rhodium-catalysed direct hydroarylation of alkenes and alkynes with phosphines through phosphorous-assisted C-H activation. <i>Nature Communications</i> , 2019 , 10, 3539	17.4	28
126	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie</i> , 2019 , 131, 12659-12663	3.6	2
125	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12529-12533	16.4	25
124	Series of Cadmium(II) Coordination Polymers Based on a Versatile Multi-N-Donor Tecton or Mixed Carboxylate Ligands: Synthesis, Structure, and Selectively Sensing Property. <i>ACS Omega</i> , 2019 , 4, 11540-11553	3.9	13
123	Tricoordinate Nontrigonal Pnictogen-Centered Radical Anions: Isolation, Characterization, and Reactivity. <i>Angewandte Chemie</i> , 2019 , 131, 15976-15980	3.6	6
122	Tricoordinate Nontrigonal Pnictogen-Centered Radical Anions: Isolation, Characterization, and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15829-15833	16.4	24

121	Tunable Reduction of 2,4,6-Tri(4-pyridyl)-1,3,5-Triazine: From Radical Anion to Diradical Dianion to Radical Metal-Organic Framework. <i>Angewandte Chemie</i> , 2019 , 131, 18392-18397	3.6	4
120	Transition Metal-free Trifluoroethoxylation of Diaryliodonium Salts and Fluoro Alcohols. <i>Letters in Organic Chemistry</i> , 2019 , 16, 485-490	0.6	0
119	A Main-Group Element Radical Based One-Dimensional Magnetic Chain. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6084-6088	16.4	9
118	Isolable diboryl radicals acting as highly efficient reaction intermediates under mild conditions. <i>Chemical Communications</i> , 2019 , 55, 12908-12911	5.8	7
117	A diamidinatogermylene as a Z-type ligand in a nickel(0) complex. <i>Dalton Transactions</i> , 2019 , 48, 14975-14978	14.9	11
116	Metal-free directed sp-C-H borylation. <i>Nature</i> , 2019 , 575, 336-340	50.4	93
115	Rhodium-Catalyzed PIII-Directed ortho-C-H Borylation of Arylphosphines. <i>Angewandte Chemie</i> , 2019 , 131, 2100-2104	3.6	10
114	Rhodium-Catalyzed P-Directed ortho-C-H Borylation of Arylphosphines. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2078-2082	16.4	49
113	Cucurbit[6]uril-based supramolecular assemblies incorporating metal complexes with multiaromatic ligands as structure-directing agent for detection of aromatic amines and nitroaromatic compounds. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 844-853	8.5	36
112	Synthesis, Structure and Sensing Property of Novel Zinc(II) Framework with Mixed 3,3',5,5'-Tetra(1H-imidazol-1-yl)biphenyl and 2,6-Naphthalenedicarboxylate Ligands. <i>Israel Journal of Chemistry</i> , 2019 , 59, 267-272	3.4	5
111	Reversible Self-Assembling of Boryl Radical Anions to Their Diradicals with Tunable Singlet Ground States. <i>Chemistry - A European Journal</i> , 2019 , 25, 4031-4035	4.8	11
110	Metal-Organic frameworks with catalytic centers: From synthesis to catalytic application. <i>Coordination Chemistry Reviews</i> , 2019 , 378, 262-280	23.2	259
109	Studies on the Bridge Dependence of Bis(triarylamine) Diradical Dications: Long-Range π -Conjugation and π -Coupling Systems. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3651-3656	4.2	11
108	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie</i> , 2018 , 130, 4054-4058	3.6	37
107	A robust polyoxometalate-templated four-fold interpenetrating metal-organic framework showing efficient organic dye photodegradation in various pH aqueous solutions. <i>Dalton Transactions</i> , 2018 , 47, 5245-5251	4.3	14
106	Bottom-up Construction of π -Extended Arenes by a Palladium-Catalyzed Annulative Dimerization of o-Iodobiphenyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8848-8853	16.4	45
105	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3990-3994	16.4	88
104	Porous Metal-Organic Frameworks with Chelating Multiamine Sites for Selective Adsorption and Chemical Conversion of Carbon Dioxide. <i>Inorganic Chemistry</i> , 2018 , 57, 2695-2704	5.1	74

103	Experimental Observation of Thermally Excited Triplet States of Heavier Group 15 Element Centered Diradical Dianions. <i>Chemistry - A European Journal</i> , 2018 , 24, 3156-3160	4.8	10
102	Spirobi[dibenzo[b,e][1,4]azasiline]: a novel platform for host materials in highly efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1023-1030	7.1	17
101	Structural Diversity and Sensing Properties of Metal-Organic Frameworks with Multicarboxylate and 1H-Imidazol-4-yl-Containing Ligands. <i>Crystal Growth and Design</i> , 2018 , 18, 1136-1146	3.5	51
100	Dispiro and Propellane: Novel Molecular Platforms for Highly Efficient Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1925-1932	9.5	18
99	Syntheses, structures and theoretical calculations of stable triarylsarsine radical cations. <i>Chemical Communications</i> , 2018 , 54, 1493-1496	5.8	11
98	Bottom-up Construction of Extended Arenes by a Palladium-Catalyzed Annulative Dimerization of o-Iodobiphenyl Compounds. <i>Angewandte Chemie</i> , 2018 , 130, 8986-8991	3.6	18
97	Novel carbazole derivatives designed by an ortho-linkage strategy for efficient phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 4300-4307	7.1	12
96	Iridium(III) phosphors with bis(diphenylphosphorothioyl)amide ligand for efficient green and sky-blue OLEDs with EQE of nearly 28%. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9010-9016	7.1	18
95	Copper-Catalyzed Asymmetric Defluoroborylation of 1-(Trifluoromethyl)Alkenes. <i>Chem</i> , 2018 , 4, 2201-2211	11.1	84
94	Selective Hydroarylation of 1,3-Diynes Using a Dimeric Manganese Catalyst: Modular Synthesis of Z-Enynes. <i>Angewandte Chemie</i> , 2018 , 130, 13088-13092	3.6	11
93	Selective Hydroarylation of 1,3-Diynes Using a Dimeric Manganese Catalyst: Modular Synthesis of Z-Enynes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12906-12910	16.4	41
92	An Isolable Diphosphene Radical Cation Stabilized by Three-Center Three-Electron Bonding with Chromium: End-On versus Side-On Coordination. <i>Angewandte Chemie</i> , 2018 , 130, 9563-9568	3.6	9
91	Synthesis and photophysical properties of cyclometalated heteroleptic iridium(III) complexes containing pyridyl/isoquinolyl-imino-isoindoline ancillary ligand. <i>Supramolecular Chemistry</i> , 2018 , 30, 328-335	1.8	2
90	Efficient green photoluminescence and electroluminescence of iridium complexes with high electron mobility. <i>Dalton Transactions</i> , 2018 , 47, 16543-16550	4.3	7
89	Cadmium(II) coordination polymers based on 2-(4-((E)-2-(pyridine-2-yl)vinyl)styryl)pyridine and dicarboxylate ligands as fluorescent sensors for TNP. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12623-12630	7.1	29
88	Novel metal-organic frameworks with high stability for selectively sensing nitroaromatics. <i>Dalton Transactions</i> , 2018 , 47, 15399-15404	4.3	22
87	Magnetic on-off switching in redox non-innocent ligand bridged binuclear cobalt complexes. <i>Dalton Transactions</i> , 2018 , 47, 17211-17215	4.3	12
86	Rhodium-catalyzed, P-directed selective C7 arylation of indoles. <i>Science Advances</i> , 2018 , 4, eaau6468	14.3	57

85	Highly tunable multi-borylation of gem-difluoroalkenes via copper catalysis. <i>Nature Catalysis</i> , 2018 , 1, 860-869	36.5	56
84	Novel cadmium(II) frameworks with mixed carboxylate and imidazole-containing ligands for selective detection of antibiotics. <i>Polyhedron</i> , 2018 , 154, 350-356	2.7	26
83	An Isolable Diphosphene Radical Cation Stabilized by Three-Center Three-Electron π -Bonding with Chromium: End-On versus Side-On Coordination. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9419-9424	16.4	19
82	Elusive Antimony-Centered Radical Cations: Isolation, Characterization, Crystal Structures, and Reactivity Studies. <i>Angewandte Chemie</i> , 2017 , 129, 647-651	3.6	12
81	Phosphorescent platinum(II) complexes based on spiro linkage-containing ligands. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1944-1951	7.1	13
80	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie</i> , 2017 , 129, 4024-4029	3.6	31
79	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3966-3971	16.4	118
78	Rhodium(I)-Catalyzed Tertiary Phosphine Directed C-H Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie</i> , 2017 , 129, 7339-7343	3.6	24
77	Rhodium(I)-Catalyzed Tertiary Phosphine Directed C-H Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7233-7237	16.4	62
76	Selectively sensing and adsorption properties of nickel(II) and cadmium(II) architectures with rigid 1H-imidazol-4-yl containing ligands and 1,3,5-tri(4-carboxyphenyl)benzene. <i>Sensors and Actuators B: Chemical</i> , 2017 , 250, 179-188	8.5	43
75	Coordination polymers with 1,3-bis(1-imidazolyl)-5-(imidazol-1-ylmethyl)benzene and biphenyl-4,4'-dicarboxylate ligands: Selective adsorption of gas and dye molecules. <i>Microporous and Mesoporous Materials</i> , 2017 , 241, 192-201	5.3	26
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