

Yue Zhao

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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	Metal-organic frameworks with catalytic centers: From synthesis to catalytic application. <i>Coordination Chemistry Reviews</i> , 2019 , 378, 262-280	23.2	259
209	Luminescent Cd(II)-organic frameworks with chelating NH ₂ sites for selective detection of Fe(III) and antibiotics. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 15797-15807	13	239
208	Palladium-Catalyzed C-H Arylation of Indoles at the C7 Position. <i>Journal of the American Chemical Society</i> , 2016 , 138, 495-8	16.4	188
207	Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C-N Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8718-22	16.4	181
206	Cu-Catalyzed Direct C6-Arylation of Indoles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8734-7	16.4	166
205	Nickel-Catalyzed Decarbonylative Borylation and Silylation of Esters. <i>ACS Catalysis</i> , 2016 , 6, 6692-6698	13.1	133
204	Iridium(III)-catalyzed direct arylation of C-H bonds with diaryliodonium salts. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12231-40	16.4	129
203	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
202	Circularly polarised phosphorescent photoluminescence and electroluminescence of iridium complexes. <i>Scientific Reports</i> , 2015 , 5, 14912	4.9	118
201	Zinc(II) and Cadmium(II) Complexes with 1,3,5-Benzenetricarboxylate and Imidazole-Containing Ligands: Structural Variation via Reaction Temperature and Solvent. <i>Crystal Growth and Design</i> , 2013 , 13, 2312-2321	3.5	114
200	Metal-organic frameworks with 1,4-di(1H-imidazol-4-yl)benzene and varied carboxylate ligands for selectively sensing Fe(III) ions and ketone molecules. <i>Dalton Transactions</i> , 2017 , 46, 13943-13951	4.3	95
199	Metal-free directed sp ² -C-H borylation. <i>Nature</i> , 2019 , 575, 336-340	50.4	93
198	Rh(III)-catalyzed C-H olefination of <i>p</i> -pentafluoroaryl benzamides using air as the sole oxidant. <i>Chemical Science</i> , 2015 , 6, 1923-1927	9.4	92
197	Multifunctional Metal-Organic Frameworks with Fluorescent Sensing and Selective Adsorption Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 11821-11830	5.1	90
196	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3990-3994	16.4	88
195	Copper-Catalyzed Asymmetric Defluoroborylation of 1-(Trifluoromethyl)Alkenes. <i>Chem</i> , 2018 , 4, 2201-2211	16.1	84
194	Solvent-dependent zinc(II) coordination polymers with mixed ligands: selective sorption and fluorescence sensing. <i>Dalton Transactions</i> , 2015 , 44, 11524-32	4.3	81

193	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
192	Construction of coordination frameworks based on 4-imidazolyl tecton 1,4-di(1H-imidazol-4-yl)benzene and varied carboxylic acids. <i>CrystEngComm</i> , 2012 , 14, 3564	3.3	70
191	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
190	Stable tetraaryldiphosphine radical cation and dication. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5561-4	16.4	60
189	Syntheses, Structures, and Properties of a Series of Polyazaheteroaromatic Core-Based Zn(II) Coordination Polymers Together with Carboxylate Auxiliary Ligands. <i>Crystal Growth and Design</i> , 2016 , 16, 229-241	3.5	58
188	New Metal-Organic Frameworks Constructed from the 4-Imidazole-Carboxylate Ligand: Structural Diversities, Luminescence, and Gas Adsorption Properties. <i>Crystal Growth and Design</i> , 2014 , 14, 3727-3741	2.5	57
187	Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C-N Bond Activation. <i>Angewandte Chemie</i> , 2016 , 128, 8860-8864	3.6	57
186	Rhodium-catalyzed, P-directed selective C7 arylation of indoles. <i>Science Advances</i> , 2018 , 4, eaau6468	14.3	57
185	Zinc(II) coordination polymers with substituted benzenedicarboxylate and tripodal imidazole ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2014 , 16, 7536	3.3	56
184	Highly tunable multi-borylation of gem-difluoroalkenes via copper catalysis. <i>Nature Catalysis</i> , 2018 , 1, 860-869	36.5	56
183	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
182	Enantioselective Palladium-Catalyzed Intramolecular α -Arylative Desymmetrization of 1,3-Diketones. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16486-16489	16.4	55
181	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
180	A crystalline phosphalkene radical anion. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9834-7	16.4	49
179	Rhodium-Catalyzed P-Directed ortho-C-H Borylation of Arylphosphines. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2078-2082	16.4	49
178	Silver supramolecule catalyzed multicomponent reactions under mild conditions. <i>Dalton Transactions</i> , 2012 , 41, 5889-96	4.3	46
177	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
176	Bottom-up Construction of β -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

175	Anion- and auxiliary ligand-directed synthesis of cadmium(II) complexes with 3,5-di(1H-imidazol-1-yl)benzoate. <i>CrystEngComm</i> , 2011 , 13, 1539-1549	3.3	44
174	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
173	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
172	Propargylamines formed from three-component coupling reactions catalyzed by silver oxide nanoparticles. <i>RSC Advances</i> , 2013 , 3, 1732-1734	3.7	41
171	High structural diversity controlled by temperature and induction agent. <i>CrystEngComm</i> , 2012 , 14, 2015	3.3	40
170	Isolable Diphosphorus-Centered Radical Anion and Diradical Dianion. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6735-8	16.4	40
169	Syntheses, Structures, and Sorption Properties of Metal-Organic Frameworks with 1,3,5-Tris(1-imidazolyl)benzene and Tricarboxylate Ligands. <i>Crystal Growth and Design</i> , 2016 , 16, 7112-7123	3.5	39
168	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie</i> , 2018 , 130, 4054-4058	3.6	37
167	Crystal Structures, Gas Adsorption, and Electrochemical Properties of Electroactive Coordination Polymers Based on the Tetrathiafulvalene-Tetrabenzoate Ligand. <i>Crystal Growth and Design</i> , 2015 , 15, 1861-1870	3.5	36
166	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
165	Construction of Noninterpenetrating and Interpenetrating (4-Fold and 8-Fold) 3-D Cd(II) Networks with Tris(1,2,4-triazol-4-yl)phenylamine Modulated by Aromatic Dicarboxylate Coligands. <i>Crystal Growth and Design</i> , 2016 , 16, 5859-5868	3.5	35
164	Cadmium(II) and zinc(II) complexes with rigid 1-(1H-imidazol-4-yl)-3-(4H-tetrazol-5-yl)benzene and varied carboxylate ligands. <i>CrystEngComm</i> , 2013 , 15, 5713	3.3	33
163	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie</i> , 2017 , 129, 4024-4029	3.6	31
162	Metal organic frameworks with 1,3-bis(1-imidazolyl)-5-(imidazol-1-ylmethyl)benzene and 3,3'-disulfobiphenyl-4,4'-dicarboxylate ligands: Synthesis, structure and selectively sensing property. <i>Sensors and Actuators B: Chemical</i> , 2017 , 244, 114-123	8.5	30
161	Formation of a series of stable pillar[5]arene-based pseudo[1]-rotaxanes and their [1]rotaxanes in the crystal state. <i>Scientific Reports</i> , 2016 , 6, 28748	4.9	30
160	An anionic zeolite-like metal-organic framework (AZMOF) with a Moravia network for organic dye absorption through cation-exchange. <i>Dalton Transactions</i> , 2016 , 45, 10909-15	4.3	30
159	A pillar[5]arene-fused cryptand: from orthogonal self-assembly to supramolecular polymer. <i>Chemical Communications</i> , 2015 , 51, 3623-6	5.8	30
158	Zinc(II) and Copper(II) Hybrid Frameworks via Metal-Ion Metathesis with Enhanced Gas Uptake and Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2017 , 56, 14157-14163	5.1	29

157	Palladium-catalyzed direct arylation and cyclization of o-iodobiaryls to a library of tetraphenylenes. <i>Scientific Reports</i> , 2016 , 6, 33131	4.9	29
156	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
155	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
154	Highly Efficient Organic Light-Emitting Diodes with Low Efficiency Roll-Off Based on Iridium Complexes Containing Pinene Sterically Hindered Spacer. <i>Advanced Optical Materials</i> , 2016 , 4, 1726-1731	8.1	28
153	Elusive Antimony-Centered Radical Cations: Isolation, Characterization, Crystal Structures, and Reactivity Studies. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 632-636	16.4	27
152	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
151	Water-Stable Coordination Polymers as Dual Fluorescent Sensors for Highly Oxidizing Anions Cr O and MnO. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3620-3626	4.5	26
150	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
149	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12529-12533	16.4	25
148	Construction of metal-organic coordination networks with various metal-linker secondary building units: structures and properties. <i>New Journal of Chemistry</i> , 2016 , 40, 7587-7595	3.6	25
147	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
146	Highly phosphorescent cyclometalated platinum(II) complexes based on 2-phenylbenzimidazole-containing ligands. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 6202-6209	7.1	24
145	Photoredox-Controlled Regioselective Radical Hydroboration of Activated Alkenes with NHC-Boranes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12817-12821	16.4	24
144	Tricoordinate Nontrigonal Pnictogen-Centered Radical Anions: Isolation, Characterization, and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15829-15833	16.4	24
143	Structural modulation of silver complexes and their distinctive catalytic properties. <i>Dalton Transactions</i> , 2014 , 43, 2252-8	4.3	24
142	DNA binding and cytotoxicity activity of a chiral iron(III) triangle complex based on a natural rosin product. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 142, 77-85	6.7	23
141	Differentiation of volatile aromatic isomers and structural elucidation of volatile compounds in essential oils by combination of HPLC separation and crystalline sponge method. <i>Journal of Chromatography A</i> , 2016 , 1474, 130-137	4.5	23
140	Crystal structure, photoluminescence and electroluminescence of three bluish green light-emitting iridium complexes. <i>Dalton Transactions</i> , 2016 , 45, 7366-72	4.3	23

- 139 Three powerful dinuclear metal-organic catalysts for converting CO₂ into organic carbonates. *Dalton Transactions*, **2016**, 45, 14184-90 4.3 23
- 138 Photoluminescence and electroluminescence of iridium(III) complexes with 2',6'-bis(trifluoromethyl)-2,4'-bipyridine and 1,3,4-oxadiazole/1,3,4-thiadiazole derivative ligands. *Dalton Transactions*, **2017**, 46, 845-853 4.3 22
- 137 Synthesis, characterization and selective hysteretic sorption property of metal-organic frameworks with 3,5-di(pyridine-4-yl)benzoate. *CrystEngComm*, **2014**, 16, 6300 3.3 22
- 136 Novel metal-organic frameworks with high stability for selectively sensing nitroaromatics. *Dalton Transactions*, **2018**, 47, 15399-15404 4.3 22
- 135 Revealing Silylation of C(sp³)/C(sp²)-H Bonds in Arylphosphines by Ruthenium Catalysis. *Angewandte Chemie - International Edition*, **2020**, 59, 10909-10912 16.4 21
- 134 De novo design of Au(SR) nanoclusters. *Nature Communications*, **2020**, 11, 3349 17.4 21
- 133 Bis(boryl anion)-Substituted Pyrenes: Syntheses, Characterizations, and Crystal Structures. *Organometallics*, **2017**, 36, 2498-2501 3.8 21
- 132 A Photoluminescent Cd(II) Coordination Polymer with Potential Active Sites Exhibiting Multiresponsive Fluorescence Sensing for Trace Amounts of NACs and Fe and Al Ions. *Inorganic Chemistry*, **2021**, 60, 4945-4956 5.1 21
- 131 Structural diversity in coordination polymers with a semirigid Lewis acidity ligand: structures and properties. *CrystEngComm*, **2015**, 17, 5690-5701 3.3 20
- 130 Dinitrogen Cleavage by a Heterometallic Cluster Featuring Multiple Uranium-Rhodium Bonds. *Journal of the American Chemical Society*, **2020**, 142, 15004-15011 16.4 19
- 129 An Isolable Diphosphene Radical Cation Stabilized by Three-Center Three-Electron δ -Bonding with Chromium: End-On versus Side-On Coordination. *Angewandte Chemie - International Edition*, **2018**, 57, 9419-9424 16.4 19
- 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. *Chemistry - an Asian Journal*, **2019**, 14, 995-1003 4.5 18
- 127 Dispiro and Propellane: Novel Molecular Platforms for Highly Efficient Organic Light-Emitting Diodes. *ACS Applied Materials & Interfaces*, **2018**, 10, 1925-1932 9.5 18
- 126 Bottom-up Construction of π -Extended Arenes by a Palladium-Catalyzed Annulative Dimerization of *o*-Iodobiphenyl Compounds. *Angewandte Chemie*, **2018**, 130, 8986-8991 3.6 18
- 125 Iridium(III) phosphors with bis(diphenylphosphorothioyl)amide ligand for efficient green and sky-blue OLEDs with EQE of nearly 28%. *Journal of Materials Chemistry C*, **2018**, 6, 9010-9016 7.1 18
- 124 Spirobi[dibenzo[b,e][1,4]azasiline]: a novel platform for host materials in highly efficient organic light-emitting diodes. *Journal of Materials Chemistry C*, **2018**, 6, 1023-1030 7.1 17
- 123 The Charge Transfer Approach to Heavier Main-Group Element Radicals in Transition-Metal Complexes. *Angewandte Chemie - International Edition*, **2017**, 56, 12741-12745 16.4 17
- 122 Generation of non-stabilized alkyl radicals from thianthrenium salts for C-B and C-C bond formation. *Nature Communications*, **2021**, 12, 4526 17.4 17

121	Functional group effects on structure and topology of cadmium(II) frameworks with mixed organic ligands. <i>RSC Advances</i> , 2015 , 5, 43268-43278	3.7	16
120	A Series of Metal-Organic Frameworks: Syntheses, Structures and Luminescent Detection, Gas Adsorption, Magnetic Properties. <i>Crystal Growth and Design</i> , 2021 , 21, 869-885	3.5	16
119	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
118	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
117	Bioinspired design of a robust -methylating agent. <i>Science Advances</i> , 2020 , 6, eaba0946	14.3	15
116	Coordination polymers with a pyridyl-salen ligand for photocatalytic carbon dioxide reduction. <i>Chemical Communications</i> , 2020 , 56, 4110-4113	5.8	15
115	Synthesis and properties of azulene-functionalized BODIPYs. <i>RSC Advances</i> , 2016 , 6, 32124-32129	3.7	15
114	Isolable Borane-Based Diradical and Triradical Fused by a Diamagnetic Transition Metal Ion. <i>Journal of the American Chemical Society</i> , 2017 , 139, 17723-17726	16.4	15
113	Rational Design of Emissive NIR-Absorbing Chromophores: Rh(III) Porphyrin-Aza-BODIPY Conjugates with Orthogonal Metal-Carbon Bonds. <i>Chemistry - A European Journal</i> , 2016 , 22, 13201-9	4.8	15
112	Two blue iridium complexes for efficient electroluminescence with low efficiency roll-off. <i>RSC Advances</i> , 2015 , 5, 89218-89225	3.7	14
111	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
110	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
109	Phosphorescent platinum(II) complexes based on spiro linkage-containing ligands. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1944-1951	7.1	13
108	<i>Polygonum cuspidatum</i> extract attenuates fructose-induced liver lipid accumulation through inhibiting Keap1 and activating Nrf2 antioxidant pathway. <i>Phytomedicine</i> , 2019 , 63, 152986	6.5	13
107	Exploring Efficient Fe/N/C Electrocatalysts for Oxygen Reduction from Nonporous Interpenetrated Metal-Organic Framework Involving in Situ Formation of ZnO Templates. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3208-3217	8.3	13
106	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
105	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
104	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

103	Elusive Antimony-Centered Radical Cations: Isolation, Characterization, Crystal Structures, and Reactivity Studies. <i>Angewandte Chemie</i> , 2017 , 129, 647-651	3.6	12
102	Syntheses, structures, and magnetic properties of homodinuclear lanthanide complexes based on dinucleating Schiff base ligands. <i>Dalton Transactions</i> , 2015 , 44, 20232-41	4.3	12
101	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
100	Sorption and sensing properties of coordination polymers with mixed 1,3,5-tri(1-imidazolyl)benzene and 2,6-naphthalenedicarboxylate ligands. <i>RSC Advances</i> , 2017 , 7, 44639-44646	2.7	12
99	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
98	Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8500-8504	16.4	12
97	Chiral copper(II) complex based on natural product rosin derivative as promising antitumour agent. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 160, 43-52	6.7	12
96	Phosphorus(III)-assisted regioselective C-H silylation of heteroarenes. <i>Nature Communications</i> , 2021 , 12, 524	17.4	12
95	Magnetic on-off switching in redox non-innocent ligand bridged binuclear cobalt complexes. <i>Dalton Transactions</i> , 2018 , 47, 17211-17215	4.3	12
94	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
93	Syntheses, structures and theoretical calculations of stable triarylsarsine radical cations. <i>Chemical Communications</i> , 2018 , 54, 1493-1496	5.8	11
92	Two Green-Phosphorescent Iridium Complexes with 2-Phenylpyrimidine Derivatives and Tetraphenylimidodiphosphate for Efficient Organic Light-Emitting Diodes. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 2556-2561	2.3	11
91	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
90	Syntheses, structures, and magnetic properties of two unique Cu(ii)-based coordination polymers involving a crystal-to-crystal structural transformation from a 1D chain to a 3D network. <i>Dalton Transactions</i> , 2017 , 46, 17025-17031	4.3	11
89	Syntheses, structures, and properties of CdII and CoII complexes with 5-(pyridin-4-yl)isophthalate. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 4409-4418	1.6	11
88	A diamidinogermylene as a Z-type ligand in a nickel(0) complex. <i>Dalton Transactions</i> , 2019 , 48, 14975-14978	4.5	11
87	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
86	Isolable Lanthanide Metal Complexes of a Phosphorus-Centered Radical. <i>Inorganic Chemistry</i> , 2020 , 59, 2111-2115	5.1	11

85	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
84	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
83	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
82	Synthesis, structure and property of Ni(II) coordination polymers with mixed dicarboxylate and benzoimidazol-containing ligands. <i>Microporous and Mesoporous Materials</i> , 2014 , 187, 86-93	5.3	10
81	Variable Metal Chelation Modes and Activation Sequence in Pd-Catalyzed B π Poly-arylation of Carboranes. <i>ACS Catalysis</i> , 14047-14057	13.1	10
80	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
79	Rhodium-Catalyzed PIII-Directed ortho-C π Borylation of Arylphosphines. <i>Angewandte Chemie</i> , 2019 , 131, 2100-2104	3.6	10
78	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
77	An Isolable Diphosphene Radical Cation Stabilized by Three-Center Three-Electron π Bonding with Chromium: End-On versus Side-On Coordination. <i>Angewandte Chemie</i> , 2018 , 130, 9563-9568	3.6	9
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34	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
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14	A cationic sulfur-hydrocarbon triradical with an excited quartet state.. <i>Chemical Communications</i> , 2022 ,	5.8	1

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12	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
11	Crystalline Diradical Dianions of Pyrene-Fused Azaacenes. <i>Angewandte Chemie</i> , 2020 , 132, 11892-11897	3.6	0
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