

List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/523658/yue-zhao-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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	Metal-organic frameworks with catalytic centers: From synthesis to catalytic application. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 378, 262-280	23.2	259
209	Luminescent Cd(II)-organic frameworks with chelating NH <sub>2</sub> sites for selective detection of Fe(III) and antibiotics. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 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> , <b>2016</b> , 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> , <b>2016</b> , 55, 8718-22	16.4	181
206	Cu-Catalyzed Direct C6-Arylation of Indoles. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8734-7	16.4	166
205	Nickel-Catalyzed Decarbonylative Borylation and Silylation of Esters. <i>ACS Catalysis</i> , <b>2016</b> , 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> , <b>2015</b> , 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> , <b>2017</b> , 56, 3966-3971	16.4	118
202	Circularly polarised phosphorescent photoluminescence and electroluminescence of iridium complexes. <i>Scientific Reports</i> , <b>2015</b> , 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> , <b>2013</b> , 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> , <b>2017</b> , 46, 13943-13951	4.3	95
199	Metal-free directed sp <sup>2</sup> -C-H borylation. <i>Nature</i> , <b>2019</b> , 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> , <b>2015</b> , 6, 1923-1927	9.4	92
197	Multifunctional Metal-Organic Frameworks with Fluorescent Sensing and Selective Adsorption Properties. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11821-11830	5.1	90
196	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 3990-3994	16.4	88
195	Copper-Catalyzed Asymmetric Defluoroborylation of 1-(Trifluoromethyl)Alkenes. <i>Chem</i> , <b>2018</b> , 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> , <b>2015</b> , 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> , <b>2018</b> , 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> , <b>2012</b> , 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> , <b>2017</b> , 56, 7233-7237	16.4	62
190	Stable tetraaryldiphosphine radical cation and dication. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 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> , <b>2016</b> , 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> , <b>2014</b> , 14, 3727-3741	2.5	57
187	Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C-N Bond Activation. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8860-8864	3.6	57
186	Rhodium-catalyzed, P-directed selective C7 arylation of indoles. <i>Science Advances</i> , <b>2018</b> , 4, eaau6468	14.3	57
185	Zinc(II) coordination polymers with substituted benzenedicarboxylate and tripodal imidazole ligands: syntheses, structures and properties. <i>CrystEngComm</i> , <b>2014</b> , 16, 7536	3.3	56
184	Highly tunable multi-borylation of gem-difluoroalkenes via copper catalysis. <i>Nature Catalysis</i> , <b>2018</b> , 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> , <b>2019</b> , 141, 3187-3197	16.4	55
182	Enantioselective Palladium-Catalyzed Intramolecular $\alpha$ -Arylative Desymmetrization of 1,3-Diketones. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 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> , <b>2018</b> , 18, 1136-1146	3.5	51
180	A crystalline phosphalkene radical anion. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9834-7	16.4	49
179	Rhodium-Catalyzed P-Directed ortho-C-H Borylation of Arylphosphines. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2078-2082	16.4	49
178	Silver supramolecule catalyzed multicomponent reactions under mild conditions. <i>Dalton Transactions</i> , <b>2012</b> , 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> , <b>2019</b> , 19, 1454-1470	3.5	45
176	Bottom-up Construction of $\beta$ -Extended Arenes by a Palladium-Catalyzed Annulative Dimerization of o-Iodobiphenyl Compounds. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 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> , <b>2011</b> , 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> , <b>2017</b> , 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> , <b>2018</b> , 57, 12906-12910	16.4	41
172	Propargylamines formed from three-component coupling reactions catalyzed by silver oxide nanoparticles. <i>RSC Advances</i> , <b>2013</b> , 3, 1732-1734	3.7	41
171	High structural diversity controlled by temperature and induction agent. <i>CrystEngComm</i> , <b>2012</b> , 14, 2015	3.3	40
170	Isolable Diphosphorus-Centered Radical Anion and Diradical Dianion. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 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> , <b>2016</b> , 16, 7112-7123	3.5	39
168	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie</i> , <b>2018</b> , 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> , <b>2015</b> , 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> , <b>2019</b> , 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)phenyl)amine Modulated by Aromatic Dicarboxylate Coligands. <i>Crystal Growth and Design</i> , <b>2016</b> , 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> , <b>2013</b> , 15, 5713	3.3	33
163	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie</i> , <b>2017</b> , 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> , <b>2017</b> , 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> , <b>2016</b> , 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> , <b>2016</b> , 45, 10909-15	4.3	30
159	A pillar[5]arene-fused cryptand: from orthogonal self-assembly to supramolecular polymer. <i>Chemical Communications</i> , <b>2015</b> , 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> , <b>2017</b> , 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> , <b>2016</b> , 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> , <b>2018</b> , 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> , <b>2019</b> , 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> , <b>2016</b> , 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> , <b>2017</b> , 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> , <b>2017</b> , 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> , <b>2019</b> , 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> , <b>2018</b> , 154, 350-356	2.7	26
149	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 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> , <b>2016</b> , 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> , <b>2017</b> , 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> , <b>2017</b> , 5, 6202-6209	7.1	24
145	Photoredox-Controlled Regioselective Radical Hydroboration of Activated Alkenes with NHC-Boranes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12817-12821	16.4	24
144	Tricoordinate Nontrigonal Pnictogen-Centered Radical Anions: Isolation, Characterization, and Reactivity. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15829-15833	16.4	24
143	Structural modulation of silver complexes and their distinctive catalytic properties. <i>Dalton Transactions</i> , <b>2014</b> , 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> , <b>2015</b> , 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> , <b>2016</b> , 1474, 130-137	4.5	23
140	Crystal structure, photoluminescence and electroluminescence of three bluish green light-emitting iridium complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 7366-72	4.3	23

- 139 Three powerful dinuclear metal-organic catalysts for converting CO<sub>2</sub> 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(sp<sup>2</sup>)/C(sp<sup>3</sup>)-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  $\pi$ -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<sup>II</sup>-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  $\pi$ -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> , <b>2015</b> , 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> , <b>2021</b> , 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> , <b>2019</b> , 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> , <b>2019</b> , 167, 33-38	2.7	15
117	Bioinspired design of a robust -methylating agent. <i>Science Advances</i> , <b>2020</b> , 6, eaba0946	14.3	15
116	Coordination polymers with a pyridyl-salen ligand for photocatalytic carbon dioxide reduction. <i>Chemical Communications</i> , <b>2020</b> , 56, 4110-4113	5.8	15
115	Synthesis and properties of azulene-functionalized BODIPYs. <i>RSC Advances</i> , <b>2016</b> , 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> , <b>2017</b> , 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> , <b>2016</b> , 22, 13201-9	4.8	15
112	Two blue iridium complexes for efficient electroluminescence with low efficiency roll-off. <i>RSC Advances</i> , <b>2015</b> , 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> , <b>2018</b> , 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 &amp; Interfaces</i> , <b>2021</b> , 13, 37466-37474	9.5	14
109	Phosphorescent platinum(II) complexes based on spiro linkage-containing ligands. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 1944-1951	7.1	13
108	Polygonum cuspidatum extract attenuates fructose-induced liver lipid accumulation through inhibiting Keap1 and activating Nrf2 antioxidant pathway. <i>Phytomedicine</i> , <b>2019</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2019</b> , 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> , <b>2021</b> , 21, 5306-5316	3.5	13

103	Elusive Antimony-Centered Radical Cations: Isolation, Characterization, Crystal Structures, and Reactivity Studies. <i>Angewandte Chemie</i> , <b>2017</b> , 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> , <b>2015</b> , 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> , <b>2018</b> , 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> , <b>2017</b> , 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> , <b>2020</b> , 73, 2728-2739	1.6	12
98	Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 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> , <b>2016</b> , 160, 43-52	6.7	12
96	Phosphorus(III)-assisted regioselective C-H silylation of heteroarenes. <i>Nature Communications</i> , <b>2021</b> , 12, 524	17.4	12
95	Magnetic on-off switching in redox non-innocent ligand bridged binuclear cobalt complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 17211-17215	4.3	12
94	Studies on the Bridge Dependence of Bis(triarylamine) Diradical Dications: Long-Range $\pi$ -Conjugation and $\pi$ -Coupling Systems. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 3651-3656	4.2	11
93	Syntheses, structures and theoretical calculations of stable triarylsarsine radical cations. <i>Chemical Communications</i> , <b>2018</b> , 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> , <b>2016</b> , 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> , <b>2018</b> , 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> , <b>2017</b> , 46, 17025-17031	4.3	11
89	Syntheses, structures, and properties of Cd(II) and Co(II) complexes with 5-(pyridin-4-yl)isophthalate. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 4409-4418	1.6	11
88	A diamidinogermylene as a Z-type ligand in a nickel(0) complex. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14975-14978	4.3	11
87	Reversible Self-Assembling of Boryl Radical Anions to Their Diradicals with Tunable Singlet Ground States. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 4031-4035	4.8	11
86	Isolable Lanthanide Metal Complexes of a Phosphorus-Centered Radical. <i>Inorganic Chemistry</i> , <b>2020</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2018</b> , 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> , <b>2014</b> , 187, 86-93	5.3	10
81	Variable Metal Chelation Modes and Activation Sequence in Pd-Catalyzed B $\pi$ 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 &amp; Interfaces</i> , <b>2020</b> , 12, 37346-37353	9.5	10
79	Rhodium-Catalyzed PIII-Directed ortho-C $\pi$ Borylation of Arylphosphines. <i>Angewandte Chemie</i> , <b>2019</b> , 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> , <b>2019</b> , 38, 3553-3559	3.8	9
77	An Isolable Diphosphene Radical Cation Stabilized by Three-Center Three-Electron $\pi$ -Bonding with Chromium: End-On versus Side-On Coordination. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 9563-9568	3.6	9
76	Construction of a metal-organic framework by octuple intercatenation of discrete icosahedral coordination cages. <i>CrystEngComm</i> , <b>2015</b> , 17, 2080-2082	3.3	9
75	A Main-Group Element Radical Based One-Dimensional Magnetic Chain. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6084-6088	16.4	9
74	Isolable cyclic radical cations of heavy main-group elements. <i>Chemical Communications</i> , <b>2020</b> , 56, 2167-2170	3.8	8
73	Bisthiénylene Th $2$ Im and its complex (Th $2$ ImH) $2$ [ReCl $6$ ]: crystalline-phase photochromism, and photochemical regulation of luminescence and magnetic properties. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3443-9	4.3	8
72	Half-Sandwich Metal Carbonyl Complexes as Precursors to Functional Materials: From a Near-Infrared-Absorbing Dye to a Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12069-12075	16.4	8
71	Coordination polymers with salicylaldehyde ligands: structural diversity, selective sorption and luminescence sensing properties. <i>CrystEngComm</i> , <b>2020</b> , 22, 304-310	3.3	8
70	Heterometallic Clusters with Multiple Rare Earth Metal-Transition Metal Bonding. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 5998-6005	16.4	8
69	Isolation and structural characterization of a mainly ligand-based dimetallic radical. <i>Dalton Transactions</i> , <b>2015</b> , 44, 19754-7	4.3	7
68	Construction of efficient Mn-N-C oxygen reduction electrocatalyst from a Mn(II)-based MOF with N-rich organic linker. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 118, 107982	3.1	7

67	Cucurbit[7]uril-Based Metal-Organic Rotaxane Framework for Dual-Capture of Molecular Iodine and Cationic Potassium Ion. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 2154-2158	4.8	7
66	Isomorphic Cd(II)/Zn(II)-MOFs as bifunctional chemosensors for anion (CrO <sub>4</sub> <sup>2-</sup> ) and cation (Fe <sup>3+</sup> ) detection in aqueous solution. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 121, 108259	3.1	7
65	External oxidant-compatible phosphorus(III)-directed site-selective C-H carbonylation. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	7
64	Isolable diboryl radicals acting as highly efficient reaction intermediates under mild conditions. <i>Chemical Communications</i> , <b>2019</b> , 55, 12908-12911	5.8	7
63	Crystalline Diradical Dianions of Pyrene-Fused Azaacenes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11794-11799	16.4	7
62	Efficient green photoluminescence and electroluminescence of iridium complexes with high electron mobility. <i>Dalton Transactions</i> , <b>2018</b> , 47, 16543-16550	4.3	7
61	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> , <b>2019</b> , 48, 1892-1899	4.3	6
60	A Main-Group Element Radical Based One-Dimensional Magnetic Chain. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6145-6149	3.6	6
59	Photoredox-Controlled Regioselective Radical Hydroboration of Activated Alkenes with NHC-Boranes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12917-12921	3.6	6
58	Tricoordinate Nontrigonal Pnictogen-Centered Radical Anions: Isolation, Characterization, and Reactivity. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15976-15980	3.6	6
57	A mononuclear Dy(III) complex incorporating the dithienylethene unit: crystalline-phase photochromism, magnetic and luminescent properties. <i>RSC Advances</i> , <b>2014</b> , 4, 43064-43069	3.7	6
56	Synthesis, structure and magnetic property of cobalt(II) and manganese(II) complexes with mixed organic ligands. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 39, 126-130	3.1	6
55	The Charge Transfer Approach to Heavier Main-Group Element Radicals in Transition-Metal Complexes. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 12915-12919	3.6	6
54	Three-dimensional 3d-4f heterometallic coordination polymers: syntheses, structures and properties. <i>Supramolecular Chemistry</i> , <b>2011</b> , 23, 117-124	1.8	6
53	Fluorescent Zn(II) frameworks with multicarboxylate and pyridyl N-donor ligands for sensing specific anions and organic molecules.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	6
52	A cationic benzocorrole Cu(II) complex as a highly stable antiaromatic system. <i>Chemical Communications</i> , <b>2021</b> , 57, 383-386	5.8	6
51	Luminescent silver(I) complexes with pyrazole-tetraphenylethene ligands: turn-on fluorescence due to the coordination-driven rigidification and solvent-oriented structural transformation. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2183-2191	4.3	6
50	One-dimensional alkylate-bridged W(IV)-based diradical dications. <i>Science China Chemistry</i> , <b>2017</b> , 60, 602-606	7.9	5

49	Potential effect of herbal antidepressants on cognitive deficit: Pharmacological activity and possible molecular mechanism. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 257, 112830	5	5
48	Syntheses, crystal structures, and properties of silver(I) complexes with oxazoline-containing bidentate ligand. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 165-175	1.6	5
47	A diradical based on odd-electron $\pi$ -bonds. <i>Nature Communications</i> , <b>2020</b> , 11, 3441	17.4	5
46	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> , <b>2019</b> , 59, 267-272	3.4	5
45	Rhodium-catalysed selective C-C bond activation and borylation of cyclopropanes. <i>Chemical Science</i> , <b>2021</b> , 12, 3599-3607	9.4	5
44	Pseudopolymorphism based on 1D metallacyclic chains constructed from an angular zwitterionic ditopic diacid organic linker. <i>CrystEngComm</i> , <b>2017</b> , 19, 6686-6693	3.3	4
43	Stable Radical Cation and Dication of an N-Heterocyclic Carbene Stabilized Digallene: Synthesis, Characterization and Reactivity. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6835-6840	3.6	4
42	Efficient red phosphorescent Ir(III) complexes based on rigid ligands with high external quantum efficiency and low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 6168-6175	7.1	4
41	Stable Radical Cation and Dication of an N-Heterocyclic Carbene Stabilized Digallene: Synthesis, Characterization and Reactivity. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6769-6774	16.4	4
40	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> , <b>2019</b> , 131, 18392-18397	3.6	4
39	Synthesis, structure and properties of luminescent Cd(II) coordination polymers based on imidazole-decorated tetraphenylethylene. <i>Journal of Coordination Chemistry</i> , <b>2021</b> , 74, 294-305	1.6	4
38	Adjustable chiral self-sorting and self-discriminating behaviour between diamond-like Tröger's base-linked cryptands. <i>Chemical Communications</i> , <b>2019</b> , 55, 8072-8075	5.8	3
37	Iridium complex of porphycene: a new member of metalloporphycene. <i>Science China Chemistry</i> , <b>2020</b> , 63, 682-686	7.9	3
36	Stable, yet "naked", azo radical anion $\text{ArNNAr}^-$ and dianion $\text{ArNNAr}^{2-}$ ( $\text{Ar} = 4\text{-CN-2,6-Pr-CH}$ ) with selective CO activation. <i>Chemical Communications</i> , <b>2020</b> , 56, 3285-3288	5.8	3
35	Revealing Silylation of $\text{C}(\text{sp}^2)/\text{C}(\text{sp}^3)$ $\pi$ Bonds in Arylphosphines by Ruthenium Catalysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11001-11004	3.6	3
34	Efficient methanol carbonylation to methyl acetate catalyzed by a cyclic(alkyl)(amino)carbene iridium complex. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 6045-6049	5.5	3
33	Stable Boron-Containing Blue-Photoluminescent Radicals. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 1297-1302	13.92	3
32	Facile Dinitrogen and Dioxygen Cleavage by a Uranium(III) Complex: Cooperativity Between the Non-Innocent Ligand and the Uranium Center. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 477-483	3.6	3

31	Highly regioselective palladium-catalyzed domino reaction for post-functionalization of BODIPY. <i>Chemical Communications</i> , <b>2021</b> , 57, 1758-1761	5.8	3
30	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold C-H Activation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7142-7147	3.6	3
29	Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8581-8585	3.6	3
28	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. <i>Dalton Transactions</i> , <b>2021</b> , 50, 4408-4414	4.3	3
27	Orthogonal Oriented Bisanthracene-Bridged Bis(Triarylamine) Diradical Dications: Isolation, Characterizations and Crystal Structures. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 1708-1711	4.5	2
26	Regulation of an Ambient-Light-Induced Photocyclization Pathway (Norrish-Yang Versus 6J) by Substituent Choice. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 12418-12430	4.8	2
25	Tuning the Single-Molecule Magnetism of Dysprosium Complexes by a Redox-Noninnocent Diborane Ligand. <i>Organometallics</i> , <b>2020</b> , 39, 4143-4148	3.8	2
24	Zig-Zag Diphosphene Oligomers Linked by Silver(I) Cation. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 351-359	5.9	2
23	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12659-12663	3.6	2
22	Modulating the Structures and Magnetic Properties of Dy(III) Single-Molecule Magnets through Acid-Base Regulation.. <i>Inorganic Chemistry</i> , <b>2022</b> ,	5.1	2
21	Coordination Polymers with 2,2':6',2''-Terpyridine Earth-Abundant Metal Complex Units for Selective CO Photoreduction.. <i>Inorganic Chemistry</i> , <b>2022</b> , 61, 1590-1596	5.1	2
20	A stable triplet diradical emitter.. <i>Chemical Science</i> , <b>2021</b> , 12, 15151-15156	9.4	2
19	A CTV Analogue: Arene-Persubstituted Cyclotrixylohydroquinoylene and Its Derivatives. <i>Organic Letters</i> , <b>2020</b> , 22, 8984-8988	6.2	2
18	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> , <b>2021</b> , 118,	11.5	2
17	Cobalt-Based Metal-Organic Frameworks for Adsorption of CO and C Hydrocarbons: Effect of Auxiliary Ligands with Different Functional Groups. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 2563-2572	5.1	2
16	Synthesis and photophysical properties of cyclometalated heteroleptic iridium(III) complexes containing pyridyl/isoquinolyl-imino-isoindoline ancillary ligand. <i>Supramolecular Chemistry</i> , <b>2018</b> , 30, 328-335	1.8	2
15	An Underwater Long-Term Strong Adhesive Based on Boronic Esters with Enhanced Hydrolytic Stability. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1901959	15.6	2
14	A cationic sulfur-hydrocarbon triradical with an excited quartet state.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	1

13	Regio- and enantioselective nucleophilic addition to gem-difluoroallenes <b>2022</b> , 1, 227-234		1
12	Cd(II) frameworks with tetracarboxylate and imidazole-containing ligands: Syntheses, structures, adsorption and sensing properties. <i>Journal of Solid State Chemistry</i> , <b>2022</b> , 123243	3.3	1
11	Crystalline Diradical Dianions of Pyrene-Fused Azaacenes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11892-11897	3.6	0
10	Transition Metal-free Trifluoroethoxylation of Diaryliodonium Salts and Fluoro Alcohols. <i>Letters in Organic Chemistry</i> , <b>2019</b> , 16, 485-490	0.6	0
9	A novel copper framework with amino tridentate N-donor ligand as heterogeneous catalyst for ring opening of epoxides. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6262	3.1	0
8	Ligand Non-innocence and Single Molecular Spintronic Properties of Ag Dibenzoacorrole Radical on Ag(111). <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 11702-11706	16.4	0
7	Rational design and syntheses of aniline-based diradical dications: isolable congeners of quinodimethane diradicals. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 891-900	5.2	0
6	A high-spin diradical dianion and its bridged chemically switchable single-molecule magnet. <i>Chemical Science</i> , <b>2021</b> , 12, 9998-10004	9.4	0
5	Thermal switches between delayed fluorescence and persistent phosphorescence based on a keto-BODIPY electron acceptor. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 2030-2037	3.9	0
4	Redox-induced reversible P-P coupling in a uranium complex. <i>Chemical Communications</i> , <b>2021</b> , 57, 12175-12178	5.1	1
3	Controlling the unpaired electron by electrostatic attraction in the solid state. <i>Chemical Communications</i> , <b>2021</b> , 57, 13345-13348	5.8	
2	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> , <b>2021</b> , 647, 2189	1.3	
1	Ligand Non-innocence and Single Molecular Spintronic Properties of AgII Dibenzoacorrole Radical on Ag(111). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11808-11812	3.6	