

# Yue Zhao

## List of Publications by Year in descending order

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294  
papers

9,185  
citations

46636

47  
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65711

79  
g-index

304  
all docs

304  
docs citations

304  
times ranked

10659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic frameworks with catalytic centers: From synthesis to catalytic application. <i>Coordination Chemistry Reviews</i> , 2019, 378, 262-280.	19.6	398
2	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> , 2017, 5, 15797-15807.	10.5	342
3	Circulating microRNAs in plasma as early detection markers for breast cancer. <i>International Journal of Cancer</i> , 2013, 132, 1602-1612.	5.4	235
4	Palladium-Catalyzed C-H Arylation of Indoles at the C7 Position. <i>Journal of the American Chemical Society</i> , 2016, 138, 495-498.	14.6	231
5	Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C-N Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8718-8722.	14.8	214
6	Cu-Catalyzed Direct C6-Arylation of Indoles. <i>Journal of the American Chemical Society</i> , 2016, 138, 8734-8737.	14.6	201
7	Metal-free directed sp <sup>2</sup> -C-H borylation. <i>Nature</i> , 2019, 575, 336-340.	36.2	191
8	Circularly polarised phosphorescent photoluminescence and electroluminescence of iridium complexes. <i>Scientific Reports</i> , 2015, 5, 14912.	3.4	173
9	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3966-3971.	14.8	160
10	Iridium(III)-Catalyzed Direct Arylation of C-H Bonds with Diaryliodonium Salts. <i>Journal of the American Chemical Society</i> , 2015, 137, 12231-12240.	14.6	148
11	Copper-Catalyzed Asymmetric Defluoroborylation of 1-(Trifluoromethyl)Alkenes. <i>Chem</i> , 2018, 4, 2201-2211.	12.2	139
12	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3990-3994.	14.8	132
13	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.	3.2	122
14	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.	3.4	122
15	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.	14.6	109
16	Rh(III)-catalyzed C-H olefination of N-pentafluoroaryl benzamides using air as the sole oxidant. <i>Chemical Science</i> , 2015, 6, 1923-1927.	7.8	108
17	Multifunctional Metal-Organic Frameworks with Fluorescent Sensing and Selective Adsorption Properties. <i>Inorganic Chemistry</i> , 2016, 55, 11821-11830.	4.2	108
18	Generation of non-stabilized alkyl radicals from thianthrenium salts for C-B and C-C bond formation. <i>Nature Communications</i> , 2021, 12, 4526.	13.2	101

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19	Solvent-dependent zinc( $\text{Zn}^{2+}$ ) coordination polymers with mixed ligands: selective sorption and fluorescence sensing. <i>Dalton Transactions</i> , 2015, 44, 11524-11532.	3.4	97
20	Highly tunable multi-borylation of gem-difluoroalkenes via copper catalysis. <i>Nature Catalysis</i> , 2018, 1, 860-869.	28.3	97
21	Rhodium(I)-Catalyzed Tertiary Phosphine Directed $\text{C}^{\alpha}\text{H}$ Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7233-7237.	14.8	96
22	Rhodium-Catalyzed $\text{P}^{\text{III}}$ -Directed $\text{C}^{\text{ortho}}\text{H}$ Borylation of Arylphosphines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2078-2082.	14.8	92
23	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.	4.2	89
24	Rhodium-catalyzed, P-directed selective $\text{C}^7$ arylation of indoles. <i>Science Advances</i> , 2018, 4, eaau6468.	10.9	80
25	Stable Tetraaryldiphosphine Radical Cation and Dication. <i>Journal of the American Chemical Society</i> , 2013, 135, 5561-5564.	14.6	77
26	Structural Diversity and Sensing Properties of Metal-Organic Frameworks with Multicarboxylate and 1- $\text{H}$ -imidazol-4-yl-Containing Ligands. <i>Crystal Growth and Design</i> , 2018, 18, 1136-1146.	3.2	75
27	Enantioselective Palladium-Catalyzed Intramolecular $\text{C}^{\pm}$ -Arylative Desymmetrization of 1,3-Diketones. <i>Journal of the American Chemical Society</i> , 2017, 139, 16486-16489.	14.6	73
28	Bottom-Up Construction of $\text{C}^{\text{ortho}}$ -Extended Arenes by a Palladium-Catalyzed Annulative Dimerization of $\text{C}^{\text{ortho}}$ -Dobriaryl Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8848-8853.	14.8	73
29	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.	2.4	72
30	Selective Hydroarylation of 1,3-Diynes Using a Dimeric Manganese Catalyst: Modular Synthesis of $\text{C}^{\text{Z}}$ -Enynes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12906-12910.	14.8	70
31	Dinitrogen Cleavage by a Heterometallic Cluster Featuring Multiple Uranium-Rhodium Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 15004-15011.	14.6	70
32	A Photoluminescent Cd(II) Coordination Polymer with Potential Active Sites Exhibiting Multiresponsive Fluorescence Sensing for Trace Amounts of NACs and $\text{Fe}^{3+}$ and $\text{Al}^{3+}$ Ions. <i>Inorganic Chemistry</i> , 2021, 60, 4945-4956.	4.2	68
33	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.	3.2	67
34	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.	3.2	65
35	De novo design of $\text{Au}_{36}(\text{SR})_{24}$ nanoclusters. <i>Nature Communications</i> , 2020, 11, 3349.	13.2	65
36	A Crystalline Phosphaalkene Radical Anion. <i>Journal of the American Chemical Society</i> , 2014, 136, 9834-9837.	14.6	64

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37	Rhodium-catalysed direct hydroarylation of alkenes and alkynes with phosphines through phosphorous-assisted C-H activation. <i>Nature Communications</i> , 2019, 10, 3539.	13.2	62
38	Orthogonal Design of a Water-Soluble <i>meso</i> -Tetraphenylethene-Functionalized Pillar[5]arene with Aggregation-Induced Emission Property and Its Therapeutic Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 37466-37474.	8.3	61
39	Zinc coordination polymers with substituted benzenedicarboxylate and tripodal imidazole ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2014, 16, 7536.	2.4	60
40	Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C-N Bond Activation. <i>Angewandte Chemie</i> , 2016, 128, 8860-8864.	2.1	58
41	Fabrication of Desired Metal-Organic Frameworks via Postsynthetic Exchange and Sequential Linker Installation. <i>Crystal Growth and Design</i> , 2019, 19, 1454-1470.	3.2	58
42	Isolable Diphosphorus-Centered Radical Anion and Diradical Dianion. <i>Journal of the American Chemical Society</i> , 2016, 138, 6735-6738.	14.6	55
43	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.	8.0	53
44	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.	8.0	52
45	Photoredox-Controlled Regioselective Radical Hydroboration of Activated Alkenes with NHC-Boranes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12817-12821.	14.8	51
46	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12529-12533.	14.8	49
47	Tricoordinate Nontrigonal Pnictogen-Centered Radical Anions: Isolation, Characterization, and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15829-15833.	14.8	49
48	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.8	48
49	Silver supramolecule catalyzed multicomponent reactions under mild conditions. <i>Dalton Transactions</i> , 2012, 41, 5889.	3.4	47
50	Revealing Silylation of C <sup>2</sup> /C <sup>3</sup> -H Bonds in Arylphosphines by Ruthenium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10909-10912.	14.8	47
51	Metal-Free Directed C-H Borylation of Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8500-8504.	14.8	47
52	Water-Stable Coordination Polymers as Dual Fluorescent Sensors for Highly Oxidizing Anions Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> and MnO <sub>4</sub> <sup>-</sup> . <i>Chemistry - an Asian Journal</i> , 2019, 14, 3620-3626.	3.5	46
53	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.	14.8	46
54	Propargylamines formed from three-component coupling reactions catalyzed by silver oxide nanoparticles. <i>RSC Advances</i> , 2013, 3, 1732-1734.	3.7	45

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55	Anion- and auxiliary ligand-directed synthesis of cadmium( $\text{Cd}^{2+}$ ) complexes with 3,5-di(1H-imidazol-1-yl)benzoate. <i>CrystEngComm</i> , 2011, 13, 1539-1549.	2.4	44
56	High structural diversity controlled by temperature and induction agent. <i>CrystEngComm</i> , 2012, 14, 2015.	2.4	43
57	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.	3.2	42
58	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie</i> , 2018, 130, 4054-4058.	2.1	42
59	An Underwater Long-Term Strong Adhesive Based on Boronic Esters with Enhanced Hydrolytic Stability. <i>Advanced Functional Materials</i> , 2022, 32, .	16.5	42
60	Construction of Noninterpenetrating and Interpenetrating (4-Fold and 8-Fold) 3-D Cd(II) Networks. <i>Crystal Growth and Design</i> , 2016, 16, 5859-5868.	3.2	41
61	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.	3.2	41
62	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.	3.2	41
63	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.	3.4	40
64	Palladium-catalyzed direct arylation and cyclization of o-iodobiaryls to a library of tetraphenylenes. <i>Scientific Reports</i> , 2016, 6, 33131.	3.4	40
65	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, 10909-10915.	3.4	40
66	Rhodium(II)-Catalyzed Dehydrogenative Silylation of Biaryl-Type Monophosphines with Hydrosilanes. <i>Angewandte Chemie</i> , 2019, 131, 12659-12663.	2.1	40
67	Cadmium( $\text{Cd}^{2+}$ ) 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.	5.6	39
68	Novel cadmium(II) frameworks with mixed carboxylate and imidazole-containing ligands for selective detection of antibiotics. <i>Polyhedron</i> , 2018, 154, 350-356.	2.3	39
69	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.	2.4	37
70	Fluorescent Zn( $\text{Zn}^{2+}$ ) frameworks with multicarboxylate and pyridyl N-donor ligands for sensing specific anions and organic molecules. <i>Dalton Transactions</i> , 2022, 51, 3572-3580.	3.4	37
71	Regiocontrolled Direct C-H Arylation of Indoles at the C4 and C5 Positions. <i>Angewandte Chemie</i> , 2017, 129, 4024-4029.	2.1	36
72	Phosphorus(III)-assisted regioselective C-H silylation of heteroarenes. <i>Nature Communications</i> , 2021, 12, 524.	13.2	36

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73	The MTA family proteins as novel histone H3 binding proteins. <i>Cell and Bioscience</i> , 2013, 3, 1.	5.0	35
74	A pillar[5]arene-fused cryptand: from orthogonal self-assembly to supramolecular polymer. <i>Chemical Communications</i> , 2015, 51, 3623-3626.	4.2	35
75	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.	7.9	35
76	Elusive Antimony-Centered Radical Cations: Isolation, Characterization, Crystal Structures, and Reactivity Studies. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 632-636.	14.8	35
77	Bioinspired design of a robust $\text{D}^3$ -methylating agent. <i>Science Advances</i> , 2020, 6, eaba0946.	10.9	35
78	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.	4.5	34
79	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.	4.2	34
80	An extended $\pi$ -backbone for highly efficient near-infrared thermally activated delayed fluorescence with enhanced horizontal molecular orientation. <i>Materials Horizons</i> , 2022, 9, 772-779.	12.8	34
81	Highly phosphorescent cyclometalated platinum( $\text{II}$ ) complexes based on 2-phenylbenzimidazole-containing ligands. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6202-6209.	5.6	33
82	The longevity-promoting factor, TCER-1, widely represses stress resistance and innate immunity. <i>Nature Communications</i> , 2019, 10, 3042.	13.2	33
83	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold $\text{C}^{\sim}\text{H}$ Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7066-7071.	14.8	33
84	Highly Stable Neutral Corrole Radical: Amphoteric Aromatic "Antiaromatic Switching and Efficient Photothermal Conversion. <i>Journal of the American Chemical Society</i> , 2022, 144, 3458-3467.	14.6	33
85	Three powerful dinuclear metal-organic catalysts for converting $\text{CO}_2$ into organic carbonates. <i>Dalton Transactions</i> , 2016, 45, 14184-14190.	3.4	32
86	Rhodium(I)-Catalyzed Tertiary Phosphine Directed $\text{C}^{\sim}\text{H}$ Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie</i> , 2017, 129, 7339-7343.	2.1	32
87	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.	8.0	32
88	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.	3.2	32
89	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.	3.9	31
90	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.	14.8	31

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91	A Magnetically Robust Triplet Ground State Sulfur-Hydrocarbon Diradical Dication. <i>Journal of the American Chemical Society</i> , 2020, 142, 7340-7344.	14.6	31
92	A light-driven enzymatic enantioselective radical acylation. <i>Nature</i> , 2024, 625, 74-78.	36.2	30
93	Coordination polymers with a pyridylâ€salen ligand for photocatalytic carbon dioxide reduction. <i>Chemical Communications</i> , 2020, 56, 4110-4113.	4.2	29
94	Direct visible-light-excited flavoproteins for redox-neutral asymmetric radical hydroarylation. <i>Nature Catalysis</i> , 2023, 6, 996-1004.	28.3	29
95	The Charge Transfer Approach to Heavier Mainâ€Group Element Radicals in Transitionâ€Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12741-12745.	14.8	28
96	Synthesis, characterization and selective hysteretic sorption property of metalâ€organic frameworks with 3,5-di(pyridine-4-yl)benzoate. <i>CrystEngComm</i> , 2014, 16, 6300.	2.4	27
97	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.	3.8	26
98	Bis(boryl anion)-Substituted Pyrenes: Syntheses, Characterizations, and Crystal Structures. <i>Organometallics</i> , 2017, 36, 2498-2501.	2.6	26
99	Bottomâ€up Construction of Î€â€Extended Arenes by a Palladiumâ€Catalyzed Annulative Dimerization of <i>o</i> -iododobiaryl Compounds. <i>Angewandte Chemie</i> , 2018, 130, 8986-8991.	2.1	26
100	Efficient Feâ€Coâ€Naâ€C Electro catalyst Towards Oxygen Reduction Derived from a Cationic Co <sup>II</sup> -based Metalâ€Organic Framework Modified by Anionâ€Exchange with Potassium Ferricyanide. <i>Chemistry - an Asian Journal</i> , 2019, 14, 995-1003.	3.5	26
101	Structural modulation of silver complexes and their distinctive catalytic properties. <i>Dalton Transactions</i> , 2014, 43, 2252-2258.	3.4	25
102	Construction of metalâ€organic coordination networks with various metal-linker secondary building units: structures and properties. <i>New Journal of Chemistry</i> , 2016, 40, 7587-7595.	2.7	25
103	Crystal structure, photoluminescence and electroluminescence of three bluish green light-emitting iridium complexes. <i>Dalton Transactions</i> , 2016, 45, 7366-7372.	3.4	25
104	Novel metalâ€organic frameworks with high stability for selectively sensing nitroaromatics. <i>Dalton Transactions</i> , 2018, 47, 15399-15404.	3.4	25
105	An Isolable Diphosphene Radical Cation Stabilized by Threeâ€Center Threeâ€Electron Î€â€Bonding with Chromium: Endâ€On versus Sideâ€On Coordination. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9419-9424.	14.8	25
106	A diradical based on odd-electron Îƒ-bonds. <i>Nature Communications</i> , 2020, 11, 3441.	18.2	25
107	Heterometallic Clusters with Multiple Rare Earth Metalâ€Transition Metal Bonding. <i>Journal of the American Chemical Society</i> , 2021, 143, 5998-6005.	14.6	25
108	Variable Metal Chelation Modes and Activation Sequence in Pd-Catalyzed Bâ€H Poly-arylation of Carboranes. <i>ACS Catalysis</i> , 2021, 11, 14047-14057.	11.7	25

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109	A stable triplet diradical emitter. <i>Chemical Science</i> , 2021, 12, 15151-15156.	7.8	25
110	An acceptor with an asymmetric and extended conjugated backbone for high-efficiency organic solar cells with low nonradiative energy loss. <i>Journal of Materials Chemistry A</i> , 2022, 10, 16714-16721.	10.5	25
111	Photoluminescence and electroluminescence of iridium( <i>iii</i> ) complexes with 2,6-bis(trifluoromethyl)-2,4-bipyridine and 1,3,4-oxadiazole/1,3,4-thiadiazole derivative ligands. <i>Dalton Transactions</i> , 2017, 46, 845-853.	3.4	24
112	Identification of Point Defects in Atomically Thin Transition-Metal Dichalcogenide Semiconductors as Active Dopants. <i>Nano Letters</i> , 2021, 21, 3341-3354.	9.5	24
113	Influence of Geometry Parameters on Pedestrian Flow through Bottleneck. , 2011, , 71-80.		23
114	Dispiro and Propellane: Novel Molecular Platforms for Highly Efficient Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 1925-1932.	8.3	23
115	Iridium( <i>iii</i> ) 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.	5.6	23
116	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.	2.3	23
117	Isolable cyclic radical cations of heavy main-group elements. <i>Chemical Communications</i> , 2020, 56, 2167-2170.	4.2	23
118	Stable Boron-Containing Blue-Photoluminescent Radicals. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1297-1302.	6.6	23
119	Rhodium-catalyzed selective direct arylation of phosphines with aryl bromides. <i>Nature Communications</i> , 2022, 13, .	13.2	23
120	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.	3.9	22
121	External oxidant-compatible phosphorus(III)-directed site-selective C-H carbonylation. <i>Science Advances</i> , 2020, 6, .	10.9	22
122	The Lewis Acid Induced Formation of a Stable Diradical with an Intramolecular Ion Pairing State. <i>Journal of the American Chemical Society</i> , 2022, 144, 7978-7982.	14.6	22
123	Photochemical Synthesis of Transition Metal-Stabilized Uranium(VI) Nitride Complexes. <i>Nature Communications</i> , 2022, 13, .	13.2	22
124	Focal epilepsy disrupts spindle structure and function. <i>Scientific Reports</i> , 2022, 12, .	3.4	21
125	Structural diversity in coordination polymers with a semirigid Lewis acidity ligand: structures and properties. <i>CrystEngComm</i> , 2015, 17, 5690-5701.	2.4	20
126	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.	14.6	20



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127	Spirobi[dibenzo[ <i>b</i> ], <i>e</i> ][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.	5.6	20
128	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.	3.6	20
129	<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.	5.4	20
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