Xiao-Li Zhao

List of Publications by Year
in descending order

90	1,911	279798 23	315739 38
papers	citations	h-index	g-index

90	90	90	1975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BODIPY-based supramolecular fluorescent metallacages. Chinese Chemical Letters, 2023, 34, 107576.	9.0	5
2	Amplified circularly polarized luminescence promoted by hierarchical self-assembly involving PtÂ·Â·Â·Pt interactions. Science China Materials, 2022, 65, 469-476.	6.3	12
3	Triphenylamines consisting of bulky 3,5-diâ€‘tertâ€‘butylâ€‘4-anisyl group: Synthesis, redox properties and their radical cation species. Chinese Chemical Letters, 2022, 33, 1870-1874.	9.0	7
4	Transition-metal doped titanium-oxo clusters with diverse structures and tunable photochemical properties. New Journal of Chemistry, 2022, 46, 3083-3086.	2.8	2
5	Extended phenothiazines: synthesis, photophysical and redox properties, and efficient photocatalytic oxidative coupling of amines. Chemical Science, 2022, 13, 5252-5260.	7.4	7
6	Multiple-Functional Diphosphines: Synthesis, Characterization, and Application to Pd-Catalyzed Alkoxycarbonylation of Alkynes. Organometallics, 2022, 41, 750-760.	2.3	7
7	Redox Properties of N,Nâ€²-Disubstituted Dihydrophenazine and Dihydrodibenzo[a,c]phenazine: The First Isolation of Their Crystalline Radical Cations and Dications. Crystal Growth and Design, 2022, 22, 3587-3593.	3.0	8
8	Acid-induced tunable white light emission based on triphenylamine derivatives. Chinese Chemical Letters, 2021, 32, 1537-1540.	9.0	19
9	Facile construction of well-defined radical metallacycles through coordination-driven self-assembly. Materials Chemistry Frontiers, 2021, 5, 1863-1871.	5.9	17
10	Aryl carbazole-based macrocycles: synthesis, their remarkably stable radical cations and hostâ€“guest complexation with fullerenes. Organic Chemistry Frontiers, 2021, 8, 4678-4684.	4.5	6
11	Calixanthomycin A: Asymmetric Total Synthesis and Structural Determination. Organic Letters, 2021, 23, 1769-1774.	4.6	7
12	Stereoselective Synthesis of the Core Structures of Pyrrocidines and Wortmannines through the Excited-State Nazarov Reactions. Organic Letters, 2021, 23, 2736-2741.	4.6	4
13	Pd-Catalyst Containing a Hemilabile P,C-Hybrid Ligand in Amino Dicarbonylation of Aryl Halides for Synthesis of Î±-Ketoamides. Organometallics, 2021, 40, 1032-1041.	2.3	15
14	Pillar[5]arene-Derived endo-Functionalized Molecular Tube for Mimicking Proteinâ€“Ligand Interactions. Journal of Organic Chemistry, 2021, 86, 6467-6477.	3.2	7
15	One-pot formal [3+3] cycloaddition of isocyanoacetates with in situ-derived azoalkenes for the synthesis of 1,4-dihydropyrimidine derivatives. Tetrahedron, 2021, 88, 132122.	1.9	5
16	Asymmetric Total Synthesis of Norzoanthamine. Angewandte Chemie - International Edition, 2021, 60, 12807-12812.	13.8	14
17	Lanthanide complexes of anthraquinone-1,8-disulfonate: Syntheses, structures and catalytic studies. Inorganic Chemistry Communication, 2021, 130, 108682.	3.9	3
18	Organocatalytic asymmetric formal [3 + 2] cycloaddition reaction of isocyanoacetates with saccharin-derived 1-azadienes. Organic and Biomolecular Chemistry, 2021, 19, 3687-3697.	2.8	3

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19	A supramolecular dual-donor artificial light-harvesting system with efficient visible light-harvesting capacity. Organic Chemistry Frontiers, 2021, 8, 5250-5257.	4.5	27
20	TEMPO Radical-Functionalized Supramolecular Coordination Complexes with Controllable Spinâ€“Spin Interactions. Journal of the American Chemical Society, 2021, 143, 433-441.	13.7	26
21	Postâ€Synthetic Modification of Metalâ€Organic Frameworks Bearing Phenazine Radical Cations for azaâ€Dielsâ€Alder Reactions. Chemistry - an Asian Journal, 2021, 16, 3985-3992.	3.3	9
22	Metalâ€“Organic Framework Based on Heptanuclear Cuâ€“O Clusters and Its Application as a Recyclable Photocatalyst for Stepwise Selective Catalysis. Inorganic Chemistry, 2020, 59, 254-263.	4.0	13
23	Highly efficient synthesis of non-planar macrocycles possessing intriguing self-assembling behaviors and ethene/ethyne capture properties. Nature Communications, 2020, 11, 5806.	12.8	22
24	Efficient self-assembly of heterometallic triangular necklace with strong antibacterial activity. Nature Communications, 2020, 11, 3178.	12.8	43
25	Synthesis and characterization of an unexpected mechanochromicbistricyclic aromatic ene. Chinese Chemical Letters, 2020, 31, 1847-1850.	9.0	7
26	Asymmetric synthesis of dihydrocoumarins via catalytic sequential 1,6-addition/transesterification of Î±-isocyanoacetates with para-quinone methides. Organic and Biomolecular Chemistry, 2020, 18, 1637-1646.	2.8	24
27	A Diaminopillar[5]areneâ€Based Macrobicyclic Molecule: Synthesis, Characterization and A Lockâ€“Key Story. Chemistry - A European Journal, 2019, 25, 2189-2194.	3.3	8
28	Cinchona Alkaloid Squaramide-Catalyzed Asymmetric Ugi-Type Reaction of Isocyanoacetates with C,N-Cyclic Azomethine Imines: Access to Chiral Oxazole-Substituted Tetrahydroisoquinolines. Journal of Organic Chemistry, 2019, 84, 14487-14497.	3.2	15
29	Facile synthesis of diverse rotaxanes via successive supramolecular transformations. Materials Chemistry Frontiers, 2019, 3, 2397-2402.	5.9	10
30	Switchable organoplatinum metallacycles with high quantum yields and tunable fluorescence wavelengths. Nature Communications, 2019, 10, 4285.	12.8	73
31	Organocatalyzed asymmetric tandem conjugate additionâ€“protonation of isocyanoacetates to 2-chloroacrylonitrile. Organic and Biomolecular Chemistry, 2019, 17, 639-645.	2.8	12
32	Total Syntheses of Rhodomolleins XX and XXII: A Reductive Epoxideâ€Opening/Beckwithâ€“Dowd Approach. Angewandte Chemie - International Edition, 2019, 58, 8556-8560.	13.8	56
33	Phosphine-ligated Ir(III)-complex as a bi-functional catalyst for one-pot tandem hydroformylation-acetalization. Journal of Catalysis, 2019, 373, 215-221.	6.2	18
34	Novel multi-dentate phosphines for Pd-catalyzed alkoxycarbonylation of alkynes promoted by H2O additive. Journal of Catalysis, 2019, 371, 236-244.	6.2	16
35	Organocatalyzed asymmetric formal [3 + 2] cycloaddition of isocyanoacetates withN-itaconimides: facile access to optically active spiropyrroline succinimide derivatives. Organic Chemistry Frontiers, 2019, 6, 3879-3884.	4.5	26
36	A neutral Cu-based MOF for effective quercetin extraction and conversion from natural onion juice. RSC Advances, 2019, 9, 33716-33721.	3.6	1

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37	Cinchona alkaloid derived squaramide catalyzed diastereo- and enantioselective Michael addition of isocyanoacetates to 2-enoylpyridines. Tetrahedron, 2019, 75, 1171-1179.	1.9	10
38	Porphyrin-functionalized coordination star polymers and their potential applications in photodynamic therapy. Polymer Chemistry, 2019, 10, 6116-6121.	3.9	12
39	Engineering a pillar[5]arene-based supramolecular organic framework by a co-crystallization method. Dalton Transactions, 2018, 47, 5144-5148.	3.3	17
40	Guest-regulated chirality switching of planar chiral pseudo[1]catenanes. Organic and Biomolecular Chemistry, 2018, 16, 2028-2032.	2.8	27
41	Hierarchical Self-Assembly of an Alkynylplatinum(II) Bzimpy-Functionalized Metallacage via PtÂ·Â·Â·Pt and Ï€â€“Ï€ Interactions. Inorganic Chemistry, 2018, 57, 3516-3520.	4.0	35
42	Dual Stimuliâ€Responsive Crossâ€Linked AIE Supramolecular Polymer Constructed through Hierarchical Selfâ€Assembly. Israel Journal of Chemistry, 2018, 58, 1265-1272.	2.3	9
43	Temperatureâ€Dependent Cinchona Alkaloid Squaramideâ€Catalyzed Asymmetric Formal [3+2] Cycloaddition of Isocyanoacetates with Î²â€Trifluoromethylated Enones. European Journal of Organic Chemistry, 2018, 2018, 3997-4005.	2.4	16
44	Diastereo- and enantioselective Mannich/cyclization cascade reaction of isocyanoacetates with cyclic sulfamide ketimines by cinchona alkaloid squaramide/AgOAc cooperative catalysis. Organic and Biomolecular Chemistry, 2018, 16, 4641-4649.	2.8	22
45	Production of Alcohols from Olefins via One-Pot Tandem Hydroformylationâ€“Acetalizationâ€“Hydrogenolysis over Bifunctional Catalyst Merging Ru^{III}â€“P Complex and Ru^{III} Lewis Acid. Organometallics, 2017, 36, 2404-2411.	2.3	8
46	Efficient and recyclable Ir(<scp>i</scp>)-catalysts with the involvement of Ï€-acceptor phosphines for N-alkylation of aryl amines with alcohols. Green Chemistry, 2017, 19, 1109-1116.	9.0	29
47	Construction of Ï€â€Surfaceâ€Metalated Pillar[5]arenes which Bind Anions via Anionâ€“Ï€ Interactions. Angewandte Chemie, 2017, 129, 14630-14634.	2.0	10
48	Construction of Ï€â€Surfaceâ€Metalated Pillar[5]arenes which Bind Anions via Anionâ€“Ï€ Interactions. Angewandte Chemie - International Edition, 2017, 56, 14438-14442.	13.8	64
49	Pillar[5]arene-Py-Cu Gel, the First Pillar[5]arene-Based Metallo(organo)gel, and Adsorption of Sudan III by Its Gel-Precipitate. European Journal of Inorganic Chemistry, 2017, 2017, 3551-3554.	2.0	15
50	Diastereo- and enantioselective [3â€‰+â€‰3] cycloaddition of spirocyclopropyl oxindoles using both aldonitrones and ketonitrones. Nature Communications, 2017, 8, 1619.	12.8	84
51	A two-dimensional porous framework: solvent-induced structural transformation and selective adsorption towards malachite green. Dalton Transactions, 2017, 46, 8350-8353.	3.3	12
52	A1/A2-Diamino-Substituted Pillar[5]arene-Based Acidâ€“Base-Responsive Hostâ€“Guest System. Journal of Organic Chemistry, 2016, 81, 3877-3881.	3.2	45
53	Au-complex containing phosphino and imidazolyl moieties as a bi-functional catalyst for one-pot synthesis of pyridine derivatives. Journal of Molecular Catalysis A, 2016, 424, 323-330.	4.8	9
54	A metal-organic polyhedron based on dibenzothiophene ligand: Gas adsorption and reductive properties. Inorganic Chemistry Communication, 2016, 70, 10-13.	3.9	6

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55	A Shape-Persistent Cryptand for Capturing Polycyclic Aromatic Hydrocarbons. Journal of Organic Chemistry, 2016, 81, 5649-5654.	3.2	10
56	Immobilization of a rhodium catalyst using a diphosphine-functionalized ionic liquid in RTIL for the efficient and recyclable biphasic hydroformylation of 1-octene. Faraday Discussions, 2016, 190, 219-230.	3.2	12
57	Effect of positive-charges in diphosphino-imidazolium salts on the structures of Ir-complexes and catalysis for hydroformylation. Journal of Molecular Catalysis A, 2016, 411, 337-343.	4.8	21
58	Co-catalysis of a bi-functional ligand containing phosphine and Lewis acidic phosphonium for hydroformylationâ€“acetalization of olefins. Green Chemistry, 2016, 18, 1798-1806.	9.0	35
59	Ionic palladium complex as an efficient and recyclable catalyst for the carbonylative Sonogashira reaction. Chinese Journal of Catalysis, 2016, 37, 405-411.	14.0	8
60	Phosphonium-based aminophosphines as bifunctional ligands for sequential catalysis of one-pot hydroformylationâ€“acetalization of olefins. Catalysis Science and Technology, 2016, 6, 3854-3861.	4.1	19
61	A Trinuclear AuIComplex with Different R3P-Au Centers: Synthesis, Characterization, and Synergetic Catalysis for Hydration of Phenylacetylene. European Journal of Inorganic Chemistry, 2015, 2015, 1408-1416.	2.0	5
62	Influence of electrostatic repulsive force and electron-withdrawing effect in ionic diphosphine on regioselectivity of rhodium-catalyzed hydroformylation of 1-octene. Journal of Molecular Catalysis A, 2015, 402, 37-45.	4.8	10
63	Selectivity and Cooperativity in the Binding of Multiple Guests to a Pillar[5]areneâ€“Crown Ether Fused Tricyclic Host. Journal of Organic Chemistry, 2015, 80, 7994-8000.	3.2	21
64	A [2]rota[2]catenane, constructed from a pillar[5]arene-crown ether fused double-cavity macrocycle: synthesis and structural characterization. Chemical Communications, 2015, 51, 13882-13885.	4.1	40
65	Ancillary ligand-assisted assembly of C3-symmetric 4,4â€²,4â€³-nitrilotribenzoic acid with divalent Zn2+ ions: Syntheses, topological structures, and photoluminescence properties. Journal of Solid State Chemistry, 2015, 227, 155-164.	2.9	14
66	Au(I)-complexes ligated by hybrid P,S,N-ligands as the efficient catalysts for hydration of phenylacetylene. Catalysis Communications, 2015, 58, 169-173.	3.3	7
67	Diastereoâ€•and Enantioselective Michael Addition of 3â€Substituted Oxindoles to Trifluoromethylâ€Substituted Nitro Olefins Catalyzed by a Cinchonaâ€Alkaloidâ€Derived Squaramide. European Journal of Organic Chemistry, 2014, 2014, 644-653.	2.4	17
68	The ionic mononuclear and trinuclear Au(I)-complexes ligated by phosphine-functionalized ionic liquids: Synthesis, characterization, and catalysis to hydration of phenylacetylene. Journal of Organometallic Chemistry, 2014, 762, 40-47.	1.8	20
69	Phosphaneâ€Ligated Ionic Palladium Complexes: Synthesis, Characterization and Application as Efficient and Reusable Precatalysts for the Homogeneous Carbonylative Sonogashira Reaction under Cuâ€Free Conditions. European Journal of Inorganic Chemistry, 2014, 2014, 975-985.	2.0	24
70	A versatile fluorescent dye based on naphthalimide: highly selective detection of Hg2+in aqueous solution and living cells and its aggregation-induced emission behaviour. Organic Chemistry Frontiers, 2014, 1, 1083-1090.	4.5	56
71	Unprecedented metal-ion metathesis in a metalâ€“carboxylate chain-based metalâ€“organic framework. CrystEngComm, 2014, 16, 2344.	2.6	17
72	A pillar[5]arene and crown ether fused bicyclic host: synthesis, guest discrimination and simultaneous binding of two guests with different shapes, sizes and electronic constitutions. Chemical Communications, 2014, 50, 10460-10463.	4.1	70

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73	Unexpected Self-Assembly of Chiral Triangles from 90Â° Chiral Di-Pt(II) Acceptors. Organic Letters, 2014, 16, 664-667.	4.6	36
74	Highly stereoselective construction of adjacent tetrasubstituted carbon stereogenic centres via an organocatalytic Mukaiyama-aldol reaction of monofluorinated silyl enol ethers to isatins. Organic Chemistry Frontiers, 2014, 1, 742.	4.5	69
75	A dual functional porous NbO-type metalâ€“organic framework decorated with acylamide groups for selective sorption and catalysis. Inorganic Chemistry Communication, 2014, 46, 226-228.	3.9	19
76	Stable Ionic Rh(I,II,III) Complexes Ligated by an Imidazolium-Substituted Phosphine with Ï€-Acceptor Character: Synthesis, Characterization, and Application to Hydroformylation. Organometallics, 2013, 32, 2698-2704.	2.3	33
77	Structural variations and photoluminescent properties of a series of metal-organic frameworks constructed from 5-(4-carboxybenzoylamino)-isophthalic acid. Journal of Solid State Chemistry, 2013, 202, 250-256.	2.9	1
78	An ionic phosphine-ligated rhodium(III) complex as the efficient and recyclable catalyst for biphasic hydroformylation of 1-octene. Journal of Molecular Catalysis A, 2013, 378, 293-298.	4.8	38
79	Tetraamidoâ€oxacalix[4]arene Derivatives: Synthesis, Structures and Supramolecular Assemblies. Chinese Journal of Chemistry, 2013, 31, 684-688.	4.9	9
80	Ancillary ligand-assisted structural diversity of six new MOFs with 5-(4-carboxybenzoylamino)-isophthalic acid: syntheses, crystal structures and photoluminescence properties. CrystEngComm, 2013, 15, 7522.	2.6	13
81	Supramolecular assembly of a series of new coordination polymers based on 4,4â€²-(carbonylimino)dibenzoic acid: Syntheses, structures and photoluminescence investigation. Polyhedron, 2013, 55, 249-258.	2.2	2
82	Topological evolution and photoluminescent properties of a series of divalent zinc-based metalâ€“organic frameworks tuned via ancillary ligating spacers. Journal of Solid State Chemistry, 2013, 200, 265-270.	2.9	19
83	Trigonal prismatic bicyclocalixaromatics, synthesis and structures. Supramolecular Chemistry, 2013, 25, 409-415.	1.2	5
84	Carboxylic acid-derived oxacalix[2]arene[2]pyrazine self-assembles into unprecedented diamondoid networks. CrystEngComm, 2012, 14, 7869.	2.6	8
85	Asymmetric Formal [3+2] Cycloaddition Reaction of Î±â€Aryl Isocyanoesters with Nâ€Aryl Maleimides by Bifunctional Cinchona Alkaloidsâ€Based Squaramide/AgSbF₆ Cooperative Catalysis. Chemistry - an Asian Journal, 2012, 7, 2777-2781.	3.3	47
86	Structure diversity of a series of new coordination polymers based on a C3-symmetric tridentate ligand with rosette architecture. Polyhedron, 2012, 33, 127-136.	2.2	17
87	Synthesis, Structure and Conformation of Terphenyleneâ€Derived Oxacalixaromatics. European Journal of Organic Chemistry, 2012, 2012, 1448-1454.	2.4	20
88	Silver-mediated self-assembly of metallosupramolecular networks based on pyrimidine-containing oxacalix[n]aromatics. CrystEngComm, 2011, 13, 1752.	2.6	21
89	Cinchona alkaloid-based phosphoramide catalyzed highly enantioselective Michael addition of unprotected 3-substituted oxindoles to nitroolefins. Chemical Science, 2011, 2, 2035.	7.4	161
90	Synthesis and Supramolecular Assemblies of Tripodal 1,3,5â€Tris(phenoxymethyl)â€2,4,6â€triethylbenzene Analogues. Chinese Journal of Chemistry, 2011, 29, 1503-1510.	4.9	3