

Chun-Ying Duan

List of Publications by Year in descending order

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202
papers

9,369
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41344

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#	ARTICLE	IF	CITATIONS
1	A Metal-Organic Framework as a Multiphoton Excitation Regulator for the Activation of Inert C(sp ³)-H Bonds and Oxygen. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
2	A Metal-Organic Framework as a Multiphoton Excitation Regulator for the Activation of Inert C(sp ³)-H Bonds and Oxygen. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	26
3	Dye-loaded metal-organic helical capsules applied to the combination of photocatalytic H ₂ S splitting and nitroaromatic hydrogenation. <i>Chemical Communications</i> , 2022, 58, 807-810.	4.1	9
4	Vanadium(V)-Porphyrin-Based Metal-Organic Frameworks for Synergistic Bimetallic Activation of Inert C(sp ³)-H Bonds. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2794-2804.	8.0	9
5	Metal-Organic Framework-Encapsulated Anthraquinone for Efficient Photocatalytic Hydrogen Atom Transfer. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7980-7989.	8.0	9
6	Synthesis of a Lanthanide Metal-Organic Framework and Its Fluorescent Detection for Phosphate Group-Based Molecules Such as Adenosine Triphosphate. <i>Inorganic Chemistry</i> , 2022, 61, 3132-3140.	4.0	23
7	Binuclear copper iodine cluster-based coordination sheets as photocatalysts for decarboxylative cyanation. <i>Chemical Communications</i> , 2022, 58, 3961-3964.	4.1	6
8	Iron-Catalyzed Photoredox Functionalization of Methane and Heavier Gaseous Alkanes: Scope, Kinetics, and Computational Studies. <i>Organic Letters</i> , 2022, 24, 1901-1906.	4.6	34
9	Merging Charge Transfer into Metal-Organic Frameworks to Achieve High Reduction Potentials via Multiphoton Excitation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15307-15316.	8.0	9
10	Ligand-regulated metal-organic frameworks for synergistic photoredox and nickel catalysis. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3116-3129.	6.0	3
11	Modifying electron injection kinetics for selective photoreduction of nitroarenes into cyclic and asymmetric azo compounds. <i>Nature Communications</i> , 2022, 13, 1940.	12.8	13
12	Visible-Light-Catalyzed C-H Arylation of (Hetero)Arenes via Arylselenonium Salts. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	2.8	4
13	Eosin Y-Containing Metal-Organic Framework as a Heterogeneous Catalyst for Direct Photoactivation of Inert C-H Bonds. <i>Inorganic Chemistry</i> , 2022, 61, 7256-7265.	4.0	8
14	Engineering Homochiral Dinuclear Ir(III)-Metallohelix-Based Porous Molecular Crystals for Atropisomer Enantioseparation. <i>Chemistry of Materials</i> , 2022, 34, 4471-4478.	6.7	5
15	Chromophore-Inspired Design of Pyridinium-Based Metal-Organic Polymers for Dual Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	12
16	A novel copper metal-organic framework catalyst for the highly efficient conversion of CO ₂ with propargylic amines. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3839-3844.	6.0	4
17	A Binuclear Cerium-Based Metal-Organic Framework as an Artificial Monooxygenase for the Saturated Hydrocarbon Aerobic Oxidation with High Efficiency and High Selectivity. <i>ACS Catalysis</i> , 2022, 12, 7821-7832.	11.2	17
18	Anthraquinone-Based Metal-Organic Frameworks as a Bifunctional Photocatalyst for C-H Activation. <i>Inorganic Chemistry</i> , 2022, 61, 9493-9503.	4.0	19

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19	Visible Light-Induced Metal-Free Benzoylation of Quinones via Cross Dehydrogenation Coupling Reaction. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 1443.	1.3	3
20	Two Copper-Containing Polyoxometalate-Based Metal-Organic Complexes as Heterogeneous Catalysts for the C-H Bond Oxidation of Benzylic Compounds and Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2022, 61, 11156-11164.	4.0	16
21	Luminescent Coordination Polymer with Its Multistimuli-Responsive Sensitivity Enabled and Boosted by Its Dual Emission. <i>Crystal Growth and Design</i> , 2022, 22, 4845-4853.	3.0	3
22	Cobalt-Catalyzed Fluoroallylation of Carbonyls via C-C Activation of <i>gem</i> -Difluorocyclopropanes. <i>Organic Letters</i> , 2022, 24, 5051-5055.	4.6	24
23	Convenient C(sp ³)-H bond functionalisation of light alkanes and other compounds by iron photocatalysis. <i>Green Chemistry</i> , 2021, 23, 6984-6989.	9.0	95
24	Triarylamine-based porous coordination polymers performing both hydrogen atom transfer and photoredox catalysis for regioselective 1- <i>amino</i> C(sp ³)-H arylation. <i>Chemical Science</i> , 2021, 12, 8512-8520.	7.4	14
25	Diemissive dye@CP composites with full-spectrum tunable mechanoluminescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15165-15174.	5.5	3
26	Ir-Porphyrin-Based Metal-Organic Framework as a Dual Metallo- and Photocatalyst for Inert Alkyl C(sp ³)-H Bond Activation and Direct Functionalization. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10925-10932.	8.0	14
27	Photoresponse within dye-incorporated metal-organic architectures. <i>Coordination Chemistry Reviews</i> , 2021, 430, 213648.	18.8	21
28	Cu Nanocluster-Loaded TiO ₂ Nanosheets for Highly Efficient Generation of CO-Free Hydrogen by Selective Photocatalytic Dehydrogenation of Methanol to Formaldehyde. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18619-18626.	8.0	21
29	Multi-Component Metal-Organic Frameworks Significantly Boost Visible-Light-Driven Hydrogen Production Coupled with Selective Organic Oxidation. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1237-1244.	3.3	10
30	Photocatalytic C-H Activation with Alcohol as a Hydrogen Atom Transfer Agent in a 9-Fluorenone Based Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25898-25905.	8.0	12
31	A host-guest semibiological photosynthesis system coupling artificial and natural enzymes for solar alcohol splitting. <i>Nature Communications</i> , 2021, 12, 5092.	12.8	20
32	Self-Assembled Metal-Organic Framework Stabilized Organic Cocrystals for Biological Phototherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23569-23573.	13.8	32
33	Hierarchically Porous Metal-Organic Framework/MoS ₂ Interface for Selective Photocatalytic Conversion of CO ₂ with H ₂ O into CH ₃ COOH. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24849-24853.	13.8	76
34	Ratiometric Fluorescence Imaging of Intracellular MicroRNA with NIR-Assisted Signal Amplification by a Ru-SiO ₂ @Polydopamine Nanoplatform. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45214-45223.	8.0	7
35	Hierarchically Porous Metal-Organic Framework/MoS ₂ Interface for Selective Photocatalytic Conversion of CO ₂ with H ₂ O into CH ₃ COOH. <i>Angewandte Chemie</i> , 2021, 133, 25053-25057.	2.0	16
36	Color-Tunable Long-Lived Room-Temperature Phosphorescence in a Coordination Polymer Based on a Nonaromatic Ligand and Its Phosphor/Coordination Polymer-Doped Systems. <i>Chemistry of Materials</i> , 2021, 33, 7272-7282.	6.7	19

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37	A Cr^{3+} ion probe based on non-luminescent metal-organic framework-new strategy to prepare a recovery probe. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13552-13561.	10.3	20
38	Selective $\text{C}(\text{sp}^3)\text{-H}$ activation of simple alkanes: visible light-induced metal-free synthesis of phenanthridines with H_2O_2 as a sustainable oxidant. <i>Green Chemistry</i> , 2021, 23, 6926-6930.	9.0	32
39	Titelbild: Hierarchically Porous Metal-Organic Framework/MoS ₂ Interface for Selective Photocatalytic Conversion of CO_2 with H_2O into CH_3COOH (<i>Angew. Chem.</i> 47/2021). <i>Angewandte Chemie</i> , 2021, 133, 24933-24933.	2.0	0
40	A novel 3D terbium metal-organic framework as a heterogeneous Lewis acid catalyst for the cyanosilylation of aldehyde. <i>RSC Advances</i> , 2021, 11, 34779-34787.	3.6	5
41	The Role of Thermodynamically Stable Configuration in Enhancing Crystallographic Diffraction Quality of Flexible MOFs. <i>IScience</i> , 2021, 24, 103398.	4.1	1
42	Cuprous Cluster-Based Coordination Sheets as Photocatalytic Regulators to Activate Oxygen, Benzoquinone, and Thianthrenium Salts. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58498-58507.	8.0	9
43	Photo-induced direct alkynylation of methane and other light alkanes by iron catalysis. <i>Green Chemistry</i> , 2021, 23, 9406-9411.	9.0	40
44	Dye-polyoxometalate coordination polymer as a photo-driven electron pump for photocatalytic radical coupling reactions. <i>Chemical Communications</i> , 2021, 57, 12812-12815.	4.1	7
45	A Cofactor-Substrate-Based Supramolecular Fluorescent Probe for the Ultrafast Detection of Nitroreductase under Hypoxic Conditions. <i>Angewandte Chemie</i> , 2020, 132, 6077-6083.	2.0	7
46	A Cofactor-Substrate-Based Supramolecular Fluorescent Probe for the Ultrafast Detection of Nitroreductase under Hypoxic Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6021-6027.	13.8	36
47	Synergistic photoredox and copper catalysis by diode-like coordination polymer with twisted and polar copper-dye conjugation. <i>Nature Communications</i> , 2020, 11, 5384.	12.8	34
48	Ratiometric Detection of DNA and Protein in Serum by a Universal Tripyridinyl Ru^{II} Complex-Encapsulated SiO_2 @Polydopamine Fluorescence Nanoplatform. <i>Analytical Chemistry</i> , 2020, 92, 15908-15915.	6.5	27
49	Photoswitchable $\text{Cu}(\text{II})/\text{Cu}(\text{I})$ catalyses assisted by enzyme-like non-covalent interactions in $\text{Cu}(\text{II})$ -melamine coordination polymers for installing CO_2/CS_2 and CF_3 groups in heterocycles. <i>New Journal of Chemistry</i> , 2020, 44, 15131-15139.	2.8	3
50	Bioinspired Carboxylate-Water Coordination Polymers with Hydrogen-Bond Clusters and Local Coordination Flexibility for Electrochemical Water Splitting. <i>ACS Applied Energy Materials</i> , 2020, 3, 10515-10524.	5.1	12
51	Crystal engineering of coordination-polymer-based iodine adsorbents using a π -electron-rich polycarboxylate aryl ether ligand. <i>CrystEngComm</i> , 2020, 22, 6612-6619.	2.6	10
52	Lighting up metallohelices: from DNA binders to chemotherapy and photodynamic therapy. <i>Chemical Communications</i> , 2020, 56, 7537-7548.	4.1	14
53	A host-guest approach to combining enzymatic and artificial catalysis for catalyzing biomimetic monooxygenation. <i>Nature Communications</i> , 2020, 11, 2903.	12.8	22
54	Tailoring nanoparticles based on boron dipyrromethene for cancer imaging and therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1627.	6.1	11

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55	Electron transfer in the confined environments of metal-organic coordination supramolecular systems. <i>Chemical Society Reviews</i> , 2020, 49, 5561-5600.	38.1	75
56	Photo-mediated synthesis of halogenated spiro[4,5]trienones of <i>N</i> -aryl alkynamides with PhI(OCOCF ₃) ₂ and KBr/KCl. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1933-1939.	2.8	33
57	Discrimination of Various Amine Vapors by a Triemissive Metal-Organic Framework Composite via the Combination of a Three-Dimensional Ratiometric Approach and a Confinement-Induced Enhancement Effect. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12043-12053.	8.0	38
58	A photocatalyst-free photo-induced denitroalkylation of <i>l</i> ² -nitrostyrenes with 4-alkyl substituted Hantzsch esters at room temperature. <i>Tetrahedron Letters</i> , 2020, 61, 151721.	1.4	7
59	Ionic fluorescent sensor targeting receptor tyrosine kinases for biosystems imaging and application in flow cytometry. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112026.	10.1	8
60	Mitochondrial-DNA-Targeted Ir ^{III} -Containing Metallohelices with Tunable Photodynamic Therapy Efficacy in Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6420-6427.	13.8	54
61	Mitochondrial-DNA-Targeted Ir ^{III} -Containing Metallohelices with Tunable Photodynamic Therapy Efficacy in Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 6482-6489.	2.0	15
62	Double-Helical Ag ^S Rod-Based Porous Coordination Polymers with Double Activation: <i>l</i> _f -Active and <i>l</i> _e -Active Functions. <i>ACS Omega</i> , 2019, 4, 10828-10833.	3.5	11
63	Metal-Organic Capsules with NADH Mimics as Switchable Selectivity Regulators for Photocatalytic Transfer Hydrogenation. <i>Journal of the American Chemical Society</i> , 2019, 141, 12707-12716.	13.7	45
64	NH ₂ -UiO-66/g-C ₃ N ₄ /CdTe composites for photocatalytic CO ₂ reduction under visible light. <i>APL Materials</i> , 2019, 7, .	5.1	14
65	Engineering pH-Responsive BODIPY Nanoparticles for Tumor Selective Multimodal Imaging and Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43928-43935.	8.0	43
66	ZIF-67@Co-LDH yolk-shell spheres with micro-/meso-porous structures as vehicles for drug delivery. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3140-3145.	6.0	28
67	NH ₂ -MIL-125(Ti)-derived porous cages of titanium oxides to support Pt-Co alloys for chemoselective hydrogenation reactions. <i>Chemical Science</i> , 2019, 10, 2111-2117.	7.4	34
68	Negatively charged metal-organic hosts with cobalt dithiolene species: improving PET processes for light-driven proton reduction through host-guest electrostatic interactions. <i>Chemical Communications</i> , 2019, 55, 8524-8527.	4.1	8
69	A highly selective fluorescent probe for sensitive detection of HAV in water. <i>Analytical Methods</i> , 2019, 11, 3350-3357.	2.7	6
70	Highly efficient solar steam generation of supported metal-organic framework membranes by a photoinduced electron transfer process. <i>Nanoscale</i> , 2019, 11, 11121-11127.	5.6	22
71	Fluorescent Recognition of 4-Amino-2,6-dinitrotoluene by a Cerium-Based Metal-Organic Tetrahedron. <i>Inorganic Chemistry</i> , 2019, 58, 6575-6578.	4.0	7
72	Synergistic catalysis for light-driven proton reduction using a polyoxometalate-based Cu-Ni heterometallic-organic framework. <i>Chemical Communications</i> , 2019, 55, 3805-3808.	4.1	40

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73	A simple strategy for engineering heterostructures of Au nanoparticle-loaded metal-organic framework nanosheets to achieve plasmon-enhanced photocatalytic CO ₂ conversion under visible light. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11355-11361.	10.3	79
74	A novel route for the generation of Co/CoZn/CoNi layered double hydroxides at ambient temperature. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1415-1421.	6.0	12
75	N-CND modified NH ₂ -UiO-66 for photocatalytic CO ₂ conversion under visible light by a photo-induced electron transfer process. <i>Chemical Communications</i> , 2019, 55, 4845-4848.	4.1	37
76	Asymmetric Catalysis within the Chiral Confined Space of Metal-Organic Architectures. <i>Small</i> , 2019, 15, e1804770.	10.0	51
77	Construction of a thiourea-based metal-organic framework with open Ag ⁺ sites for the separation of propene/propane mixtures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25567-25572.	10.3	33
78	Photochemical Properties of Host-Guest Supramolecular Systems with Structurally Confined Metal-Organic Capsules. <i>Accounts of Chemical Research</i> , 2019, 52, 100-109.	15.6	124
79	Mixed-Ligand Metal-Organic Framework for Two-Photon Responsive Photocatalytic C-N and C-C Coupling Reactions. <i>ACS Catalysis</i> , 2019, 9, 422-430.	11.2	88
80	Modulating photoelectronic performance of metal-organic frameworks for premium photocatalysis. <i>Coordination Chemistry Reviews</i> , 2019, 380, 201-229.	18.8	112
81	Catalytic properties of chemical transformation within the confined pockets of Werner-type capsules. <i>Coordination Chemistry Reviews</i> , 2019, 378, 151-187.	18.8	62
82	A trichromatic MOF composite for multidimensional ratiometric luminescent sensing. <i>Chemical Science</i> , 2018, 9, 2918-2926.	7.4	96
83	Imidazolate-mediated assembled structures of Co-LDH sheets for efficient electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4636-4641.	10.3	50
84	Diversity of metal-organic macrocycles assembled from carbazole based ligands with different lengths. <i>Dalton Transactions</i> , 2018, 47, 4040-4044.	3.3	4
85	Fluorescence modulation <i>via</i> photoinduced spin crossover switched energy transfer from fluorophores to Fe ^{II} ions. <i>Chemical Science</i> , 2018, 9, 2892-2897.	7.4	67
86	Carbon dots prepared in different solvents with controllable structures: optical properties, cellular imaging and photocatalysis. <i>New Journal of Chemistry</i> , 2018, 42, 1690-1697.	2.8	20
87	Silver Clusters as Robust Nodes and Activation Sites for the Construction of Heterogeneous Catalysts for the Cycloaddition of Propargylamines. <i>ACS Catalysis</i> , 2018, 8, 1384-1391.	11.2	85
88	Dual-Excitation Polyoxometalate-Based Frameworks for One-Pot Light-Driven Hydrogen Evolution and Oxidative Dehydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13462-13469.	8.0	36
89	Conformationally Induced Off-On Cell Membrane Chemosensor Targeting Receptor Protein-Tyrosine Kinases for <i>in Vivo</i> and <i>in Vitro</i> Fluorescence Imaging of Cancers. <i>Journal of the American Chemical Society</i> , 2018, 140, 5882-5885.	13.7	52
90	Binding of anions in triply interlocked coordination catenanes and dynamic allostery for dehalogenation reactions. <i>Chemical Science</i> , 2018, 9, 1050-1057.	7.4	29

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91	Cobalt layered double hydroxides derived CoP/Co ₂ P hybrids for electrocatalytic overall water splitting. <i>Nanoscale</i> , 2018, 10, 21019-21024.	5.6	74
92	Thiophene insertion for continuous modulation of the photoelectronic properties of triphenylamine-based metal-organic frameworks for photocatalytic sulfonation-cyclisation of activated alkenes. <i>New Journal of Chemistry</i> , 2018, 42, 18448-18457.	2.8	13
93	Dye-incorporated coordination polymers for direct photocatalytic trifluoromethylation of aromatics at metabolically susceptible positions. <i>Nature Communications</i> , 2018, 9, 4024.	12.8	41
94	Regioselective N-1 and C-2 diacylation of 3-substituted indoles with arylglyoxal hydrates for the synthesis of indolyl diketones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6998-7003.	2.8	6
95	Magnesium-regulated oxygen vacancies of nickel layered double hydroxides for electrocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18378-18383.	10.3	29
96	Alkyne Activation by a Porous Silver Coordination Polymer for Heterogeneous Catalysis of Carbon Dioxide Cycloaddition. <i>ACS Catalysis</i> , 2017, 7, 2248-2256.	11.2	137
97	Renewable Molecular Flasks with NADH Models: Combination of Light-Driven Proton Reduction and Biomimetic Hydrogenation of Benzoxazinones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8692-8696.	13.8	39
98	Development of Excipient-Free Freeze-Dryable Unimolecular Hyperstar Polymers for Efficient siRNA Silencing. <i>ACS Macro Letters</i> , 2017, 6, 700-704.	4.8	23
99	Highly shape- and regio-selective peroxy-trifluoromethylation of styrene by metal-organic framework Cu ₃ (BTC) ₂ . <i>Catalysis Science and Technology</i> , 2017, 7, 5872-5881.	4.1	17
100	Encapsulation of a Quinhydrone Cofactor in the Inner Pocket of Cobalt Triangular Prisms: Combined Light-Driven Reduction of Protons and Hydrogenation of Nitrobenzene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15284-15288.	13.8	38
101	Modifying electron transfer between photoredox and organocatalytic units via framework interpenetration for β -carbonyl functionalization. <i>Nature Communications</i> , 2017, 8, 361.	12.8	51
102	Control of Redox Events by Dye Encapsulation Applied to Light-Driven Splitting of Hydrogen Sulfide. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11759-11763.	13.8	53
103	Control of Redox Events by Dye Encapsulation Applied to Light-Driven Splitting of Hydrogen Sulfide. <i>Angewandte Chemie</i> , 2017, 129, 11921-11925.	2.0	17
104	Strong Co-Ion Effect via Cation- π Interaction on the Self-Assembly of Metal-Organic Cationic Macrocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 12020-12026.	13.7	39
105	Coordinative Alignment of Chiral Molecules to Control over the Chirality Transfer in Spontaneous Resolution and Asymmetric Catalysis. <i>Scientific Reports</i> , 2017, 7, 15418.	3.3	12
106	Redox-active copper triangles as an enzymatic molecular flask for light-driven hydrogen production. <i>RSC Advances</i> , 2017, 7, 48989-48993.	3.6	6
107	Photocatalytic copper-catalyzed azide-alkyne cycloaddition click reaction with Cu(<i>scp</i>) coordination polymer. <i>RSC Advances</i> , 2017, 7, 52907-52913.	3.6	16
108	Copper-catalyzed synthesis of indolyl diketones via C-H oxidation/diacylation of indoles with arylglyoxal hydrates. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6185-6193.	2.8	15

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109	A breathing MOF: direct crystallographic observation of the site-selective C(sp ³)â€“H functionalization. <i>RSC Advances</i> , 2016, 6, 51936-51940.	3.6	9
110	Metalâ€“Organic Frameworks: Versatile Materials for Heterogeneous Photocatalysis. <i>ACS Catalysis</i> , 2016, 6, 7935-7947.	11.2	445
111	Metalâ€“organic redox vehicles to encapsulate organic dyes for photocatalytic protons and carbon dioxide reduction. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1256-1263.	6.0	9
112	Redoxâ€“Active M ₈ L ₆ Cubic Hosts with Tetraphenylethylene Faces Encapsulate Organic Dyes for Light-Driven H ₂ Production. <i>Chemistry - A European Journal</i> , 2016, 22, 18107-18114.	3.3	47
113	Photoactive Metalâ€“Organic Framework and Its Film for Light-Driven Hydrogen Production and Carbon Dioxide Reduction. <i>Inorganic Chemistry</i> , 2016, 55, 8153-8159.	4.0	48
114	New <i>zr</i> -Type Metalâ€“Organic Frameworks Decorated with Acylamide Groups for Efficient Carbon Dioxide Capture and Chemical Fixation from Raw Power Plant Flue Gas. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31746-31756.	8.0	81
115	Silver(I)-catalyzed denitrative trifluoromethylation of Î²-nitrostyrenes with CF ₃ SO ₂ Na. <i>Tetrahedron Letters</i> , 2016, 57, 4705-4708.	1.4	31
116	Construction of solvent-dependent self-assembled porous Ni(<i>scp</i>)-coordinated frameworks as effective catalysts for chemical transformation of CO ₂ . <i>RSC Advances</i> , 2016, 6, 108010-108016.	3.6	6
117	Engineering an iridium-containing metalâ€“organic molecular capsule for induced-fit geometrical conversion and dual catalysis. <i>Chemical Communications</i> , 2016, 52, 9628-9631.	4.1	32
118	Porous N-doped graphitic carbon assembled one-dimensional hollow structures as high performance electrocatalysts for ORR. <i>RSC Advances</i> , 2016, 6, 12467-12471.	3.6	9
119	Multicomponent self-assembly of a pentanuclear Irâ€“Zn heterometalâ€“organic polyhedron for carbon dioxide fixation and sulfite sequestration. <i>Chemical Communications</i> , 2016, 52, 5104-5107.	4.1	30
120	A photosensitizing decatungstate-based MOF as heterogeneous photocatalyst for the selective Câ€“H alkylation of aliphatic nitriles. <i>Chemical Communications</i> , 2016, 52, 4714-4717.	4.1	49
121	Organized Aggregation Makes Insoluble Perylene Diimide Efficient for the Reduction of Aryl Halides via Consecutive Visible Light-Induced Electron-Transfer Processes. <i>Journal of the American Chemical Society</i> , 2016, 138, 3958-3961.	13.7	235
122	Synthesis of Au@UiO-66(NH ₂) structures by small molecule-assisted nucleation for plasmon-enhanced photocatalytic activity. <i>Chemical Communications</i> , 2016, 52, 116-119.	4.1	103
123	Polyoxometalate-based homochiral metal-organic frameworks for tandem asymmetric transformation of cyclic carbonates from olefins. <i>Nature Communications</i> , 2015, 6, 10007.	12.8	240
124	Light-driven hydrogen evolution with a nickel thiosemicarbazone redox catalyst featuring Niâ€“H interactions under basic conditions. <i>New Journal of Chemistry</i> , 2015, 39, 1051-1059.	2.8	25
125	A Metalâ€“Organic Tetrahedron as a Redox Vehicle to Encapsulate Organic Dyes for Photocatalytic Proton Reduction. <i>Journal of the American Chemical Society</i> , 2015, 137, 3967-3974.	13.7	193
126	Metalâ€“Organic Polymers Containing Discrete Single-Walled Nanotube as a Heterogeneous Catalyst for the Cycloaddition of Carbon Dioxide to Epoxides. <i>Journal of the American Chemical Society</i> , 2015, 137, 15066-15069.	13.7	273

#	ARTICLE	IF	CITATIONS
127	Merging of the photocatalysis and copper catalysis in metal-organic frameworks for oxidative C-C bond formation. <i>Chemical Science</i> , 2015, 6, 1035-1042.	7.4	126
128	Square and Butterfly Tetranuclear [Co ₂ Ln ₂] Clusters Built from the Same Building Blocks but Displaying Different Magnetic Properties: Structural Variation by Means of Solvent and the Radii of Ln ³⁺ Ions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 384-391.	2.0	16
129	Cerium-based M ₄ L ₄ tetrahedrons containing hydrogen bond groups as functional molecular flasks for selective reaction prompting. <i>New Journal of Chemistry</i> , 2014, 38, 3137-3145.	2.8	21
130	Unexpected 4-Fold [2 + 2] Interpenetration and Polycatenation Behaviors in Porous Luminescent Zinc Metal-Organic Frameworks Constructed from Flexible 3,5-Bis(4-pyridylmethoxy)benzoate Ligand. <i>Crystal Growth and Design</i> , 2014, 14, 2818-2830.	3.0	64
131	Engineering Chiral Polyoxometalate Hybrid Metal-Organic Frameworks for Asymmetric Dihydroxylation of Olefins. <i>Journal of the American Chemical Society</i> , 2013, 135, 10186-10189.	13.7	348
132	Palladium-Catalyzed Desulfative Cross-Coupling of Sodium Arylsulfonates with Aryl Bromides and Chlorides: An Alternative Convenient Synthesis of Biaryls. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1269-1273.	4.9	17
133	A photoactive basket-like metal-organic tetragon worked as an enzymatic molecular flask for light driven H ₂ production. <i>Chemical Communications</i> , 2013, 49, 627-629.	4.1	52
134	3d-4d-4f Heterotrimetallic 3D Chiral Frameworks Based on Octahedral {Ni ₆ Ag ₈ S ₁₂ Cl} or Trigonal Dipyramidal {Co ₂ Ag ₃ S ₆ } Clusters: Synthesis, Crystal Structures, and Characterization. <i>Crystal Growth and Design</i> , 2013, 13, 918-925.	3.0	14
135	Metal-organic polyhedra containing 36 and 24 folds of amide groups for selective luminescent recognition of natural disaccharides. <i>Chemical Communications</i> , 2012, 48, 6022.	4.1	44
136	Photoactive Chiral Metal-Organic Frameworks for Light-Driven Asymmetric α -Alkylation of Aldehydes. <i>Journal of the American Chemical Society</i> , 2012, 134, 14991-14999.	13.7	410
137	Homochiral Crystallization of Metal-Organic Silver Frameworks: Asymmetric [3+2] Cycloaddition of an Azomethine Ylide. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10127-10131.	13.8	108
138	Luminescent Metal-Organic Frameworks for Selectively Sensing Nitric Oxide in an Aqueous Solution and in Living Cells. <i>Advanced Functional Materials</i> , 2012, 22, 1698-1703.	14.9	198
139	Photoswitchable Dynamic Magnetic Relaxation in a Well-Isolated {Fe ₂ Co} Double-Zigzag Chain. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5119-5123.	13.8	119
140	An l-proline functionalized metallo-organic triangle as size-selective homogeneous catalyst for asymmetry catalyzing aldol reactions. <i>Chemical Communications</i> , 2011, 47, 8415.	4.1	33
141	An Amide-Containing Metal-Organic Tetrahedron Responding to a Spin-Trapping Reaction in a Fluorescent Enhancement Manner for Biological Imaging of NO in Living Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 12402-12405.	13.7	214
142	Metal-Organic Cyclohelicates as Optical Receptors for Glutathione: Syntheses, Structures, and Host-Guest Behaviors. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1225-1233.	3.3	9
143	Luminescent Sensing and Catalytic Performances of a Multifunctional Lanthanide-Organic Framework Comprising a Triphenylamine Moiety. <i>Advanced Functional Materials</i> , 2011, 21, 2788-2794.	14.9	163
144	A Highly Efficient Method for the Copper-Catalyzed Selective Synthesis of Diaryl Chalcogenides from Easily Available Chalcogen Sources. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7331-7338.	2.4	99

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145	Face-driven octanuclear cerium(IV) luminescence polyhedra: synthesis and luminescent sensing natural saccharides. <i>Chemical Communications</i> , 2011, 47, 9387.	4.1	51
146	Copper-catalyzed Direct Synthesis of Di- and Triphenylamines: A Dramatic Accelerating Effect of 2-Aminophenols. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6967-6973.	2.4	16
147	Crystal Structures and Properties of Large Protonated Water Clusters Encapsulated by Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2010, 132, 3321-3330.	13.7	150
148	Homochiral Metal-Organic Frameworks for Heterogeneous Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2010, 132, 14321-14323.	13.7	467
149	A new chiral N-heterocyclic carbene silver(I) cylinder: synthesis, crystal structure and catalytic properties. <i>Chemical Communications</i> , 2010, 46, 4728.	4.1	92
150	Cerium-based triple-stranded helicates as luminescent chemosensors for the selective sensing of magnesium ions. <i>Dalton Transactions</i> , 2010, 39, 10051.	3.3	48
151	Cover Picture: A Spin-Crossover Cluster of Iron(II) Exhibiting a Mixed-Spin Structure and Synergy between Spin Transition and Magnetic Interaction (<i>Angew. Chem. Int. Ed.</i> 8/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1337-1337.	13.8	0
152	Metallohelical Triangles for Selective Detection of Adenosine Triphosphate in Aqueous Media. <i>Inorganic Chemistry</i> , 2009, 48, 408-410.	4.0	49
153	Conformational switching fluorescent chemodosimeter for the selective detection of silver(I) ions. <i>New Journal of Chemistry</i> , 2009, 33, 1478.	2.8	30
154	Self-assembly of cerium-based metal-organic tetrahedrons for size-selectively luminescent sensing natural saccharides. <i>Chemical Communications</i> , 2009, , 7554.	4.1	63
155	Crystal Structure and Magnetic Properties of a Novel Octa-coordinated Manganese(II) Complex. <i>Journal of Chemical Crystallography</i> , 2008, 38, 557-560.	1.1	15
156	Metal-tunable Nanocages as Artificial Chemosensors. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 877-881.	13.8	121
157	Chirality Transfer through Helical Motifs in Coordination Compounds. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3451-3463.	2.0	97
158	Syntheses and Structures of Four d ¹⁰ Metal-Organic Frameworks Assembled with Aromatic Polycarboxylate and bix [bix = 1,4-Bis(imidazol-1-ylmethyl)benzene]. <i>Crystal Growth and Design</i> , 2006, 6, 530-537.	3.0	260
159	A highly selective fluorescent sensor for fluoride through ESPT signaling transduction. <i>New Journal of Chemistry</i> , 2006, 30, 1207.	2.8	61
160	Anion induced binding electrochemical signal transduction in ferrocenyl benzolimidazolium podands. <i>New Journal of Chemistry</i> , 2006, 30, 266-271.	2.8	41
161	Reactivity of Polyiodides Towards 1,3-Bis(4-pyridyl)propane (bpp): A New CuI Cluster Polycatenane Framework and a Novel 2D AgI Cluster Motif. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2259-2267.	2.0	43
162	Synthesis and Properties of the Geometrically Controlled Mixed-Valence Tetrahedral Ru ^{II} 2Ru ^{III} 2L6 Cluster. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2581-2585.	2.0	3

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163	Syntheses, crystal structure and electrochemical properties of dinuclear ruthenium complexes containing saturated and unsaturated spacers. <i>New Journal of Chemistry</i> , 2005, 29, 1011.	2.8	18
164	Conformational switching fluorescent chemosensor for chloride anion. <i>New Journal of Chemistry</i> , 2005, 29, 777.	2.8	78
165	Lanthanide perchlorate complexes with 1,4-bis(phenylsulfinyl)butane: structures and luminescent properties. <i>New Journal of Chemistry</i> , 2004, 28, 261.	2.8	39
166	Octanuclear Metallocyclic Ni ₄ Fc ₄ Compound: Synthesis, Crystal Structure, and Electrochemical Sensing for Mg ²⁺ . <i>Inorganic Chemistry</i> , 2004, 43, 5174-5176.	4.0	56
167	Lanthanide heterometallic molecular squares Ru ₂ Ln ₂ exhibiting sensitized near-infrared emission. <i>Chemical Communications</i> , 2004, , 1486-1487.	4.1	88
168	Title is missing!. <i>Transition Metal Chemistry</i> , 2003, 28, 350-355.	1.4	5
169	Structural evidence for the facile chelate-ring opening reactions of novel platinum(ii) pyridine carboxamide complexes. <i>Dalton Transactions RSC</i> , 2002, , 591.	2.3	53
170	A Tetranuclear Zinc(II) Complex of a [4+4] Macrocyclic Schiff Base Ligand. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 42, 131-135.	1.6	7
171	Synthesis, molecular structure and magnetic properties of tetranuclear copper(ii) complexes with pendant-arm macrocyclic ligands. <i>Dalton Transactions RSC</i> , 2001, , 3232-3237.	2.3	43
172	The Syntheses and Luminescent Properties of Eu(III) and Tb(III) Cryptates in Solution. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1063-1069.	2.0	10
173	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 295-299.	1.4	14
174	A 2-D bimetallic assembly with bridging cyanide ions. <i>Transition Metal Chemistry</i> , 2001, 26, 127-130.	1.4	13
175	Syntheses and Structures of Silver and Copper Coordination Polymers with 4,4'-Azopyridine: Effect of Counter Anions and π-π Interactions on the Network Systems. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2549-2554.	2.0	51
176	Title is missing!. <i>Transition Metal Chemistry</i> , 2000, 25, 141-144.	1.4	3
177	Title is missing!. <i>Transition Metal Chemistry</i> , 2000, 25, 584-588.	1.4	8
178	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 36, 473-478.	1.6	6
179	Synthesis and crystal structure of an unsymmetric gadolinium(III) cryptate. <i>Journal of Chemical Crystallography</i> , 2000, 30, 177-180.	1.1	4
180	An unusual three-dimensional porous framework complex {[Cu(en) ₂][KCr(CN) ₆]} _n (en = ethylenediamine). <i>Journal of Inorganic Chemistry</i> , 2000, 39, 1000-1004.	4.1	33

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181	Syntheses and Structures of Silver and Copper Coordination Polymers with 4,4'-Azopyridine: Effect of Counter Anions and π - π Interactions on the Network Systems. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2549.	2.0	1
182	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1999, 29, 943-947.	1.1	1
183	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1999, 29, 1153-1155.	1.1	9
184	The formation of a Schiff base intermediate: a nickel(II) complex of an asymmetric tripodal ligand. <i>Journal of Chemical Crystallography</i> , 1999, 29, 207-210.	1.1	34
185	Title is missing!. <i>Transition Metal Chemistry</i> , 1999, 24, 131-134.	1.4	18
186	Title is missing!. <i>Transition Metal Chemistry</i> , 1999, 24, 628-632.	1.4	4
187	Cu(I) and Cu(II) helical complexes formed with oligobipyridine ligand. <i>Science in China Series B: Chemistry</i> , 1999, 42, 501-510.	0.8	1
188	SYNTHESIS, PROPERTIES AND STRUCTURE OF A NOVEL MACROCYCLIC LIGAND. <i>Journal of Coordination Chemistry</i> , 1999, 49, 1-8.	2.2	0
189	Crystal structure and magnetic properties of a new polymer $[\text{Cu}(\text{PzdcH})_2 \cdot 2\text{H}_2\text{O}]_n$. <i>Transition Metal Chemistry</i> , 1998, 23, 481-484.	1.4	6
190	Title is missing!. <i>Transition Metal Chemistry</i> , 1998, 23, 631-634.	1.4	3
191	Synthesis and Structural Characterization of the Novel Compounds from the Reactions of Trimethylaluminum or Trimethylgallium with N,O-Donor Crown Ethers. <i>Organometallics</i> , 1998, 17, 156-160.	2.3	10
192	CRYSTAL STRUCTURE AND SPECTROSCOPIC STUDIES OF TRIS(2-AMINOETHYL)AMINE COPPER(II) COMPLEXES WITH 4-AMINOPYRIDINE. <i>Journal of Coordination Chemistry</i> , 1998, 44, 151-161.	2.2	9
193	SYNTHESIS AND CRYSTAL STRUCTURE OF A MANGANESE(III) COMPLEX WITH THE TETRADENTATE SCHIFF BASE $\text{N,N}'$ -ETHYLENE-BIS(SALICYLIDENEIMINATO). <i>Journal of Coordination Chemistry</i> , 1997, 41, 183-189.	2.2	28
194	Title is missing!. <i>Transition Metal Chemistry</i> , 1997, 23, 17-20.	1.4	48
195	Title is missing!. <i>Transition Metal Chemistry</i> , 1997, 22, 101-104.	1.4	3
196	Synthesis and crystal structure of an imidazolate-bridged dicopper tris(2-aminoethyl)amine complex. <i>Transition Metal Chemistry</i> , 1997, 22, 549-552.	1.4	5
197	Synthesis, characterization and crystal structure of a tris(2-aminoethyl)amine copper complex with a imidazole coligand. <i>Transition Metal Chemistry</i> , 1996, 21, 193-196.	1.4	8
198	Preparation and characterization of metal complexes containing a NS donor ligand derived from S-benzylthiocarbamate and p-nitrobenzaldehyde. X-ray crystal structure of the nickel(II) chelate. <i>Transition Metal Chemistry</i> , 1996, 21, 254-257.	1.4	16

#	ARTICLE	IF	CITATIONS
199	The synthesis and crystal structure of metal complexes <i>S</i> -alkyl-N-(ferrocenylmethylmethylidene)dithiocarbazate and the study on their quenching the luminescence of ruthenium(bipyridine) ²⁺ ₃ ⁺ . Chinese Journal of Chemistry, 1994, 12, 321-327.	4.9	7
200	A dual-emission fluorescence-enhanced probe for hydrogen sulfide and its application in biological imaging. New Journal of Chemistry, 0, , .	2.8	1
201	Chromophore-inspired Design of Pyridinium-based Metal-Organic Polymers for Dual Photoredox Catalysis. Angewandte Chemie, 0, , .	2.0	0
202	Binding of Dual-Function Hybridized Metal-Organic Capsules to Enzymes for Cascade Catalysis. JACS Au, 0, , .	7.9	2