

Chun-Ying Duan

List of Publications by Year in descending order

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papers

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41344

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all docs

206
docs citations

206
times ranked

9303
citing authors

#	ARTICLE	IF	CITATIONS
1	Homochiral Metal-Organic Frameworks for Heterogeneous Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2010, 132, 14321-14323.	13.7	467
2	Metal-Organic Frameworks: Versatile Materials for Heterogeneous Photocatalysis. <i>ACS Catalysis</i> , 2016, 6, 7935-7947.	11.2	445
3	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
4	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
5	Metal-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
6	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
7	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
8	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
9	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
10	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
11	A Metal-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
12	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
13	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
14	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
15	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
16	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
17	Metal-Tunable Nanocages as Artificial Chemosensors. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 877-881.	13.8	121
18	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

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19	Modulating photoelectronic performance of metal-organic frameworks for premium photocatalysis. <i>Coordination Chemistry Reviews</i> , 2019, 380, 201-229.	18.8	112
20	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
21	Synthesis of Au@UiO-66(NH ₂) ₂ structures by small molecule-assisted nucleation for plasmon-enhanced photocatalytic activity. <i>Chemical Communications</i> , 2016, 52, 116-119.	4.1	103
22	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
23	Chirality Transfer through Helical Motifs in Coordination Compounds. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3451-3463.	2.0	97
24	A trichromatic MOF composite for multidimensional ratiometric luminescent sensing. <i>Chemical Science</i> , 2018, 9, 2918-2926.	7.4	96
25	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
26	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
27	Lanthanide heterometallic molecular squares Ru ₂ Ln ₂ exhibiting sensitized near-infrared emission. <i>Chemical Communications</i> , 2004, 1486-1487.	4.1	88
28	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
29	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
30	New <i>η</i> -Type Metal-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
31	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
32	Conformational switching fluorescent chemosensor for chloride anion. <i>New Journal of Chemistry</i> , 2005, 29, 777.	2.8	78
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	Electron transfer in the confined environments of metal-organic coordination supramolecular systems. <i>Chemical Society Reviews</i> , 2020, 49, 5561-5600.	38.1	75
35	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
36	Fluorescence modulation via photoinduced spin crossover switched energy transfer from fluorophores to Fe ^{II} ions. <i>Chemical Science</i> , 2018, 9, 2892-2897.	7.4	67

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37	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
38	Self-assembly of cerium-based metal-organic tetrahedrons for size-selectively luminescent sensing natural saccharides. <i>Chemical Communications</i> , 2009, , 7554.	4.1	63
39	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
40	A highly selective fluorescent sensor for fluoride through ESPT signaling transduction. <i>New Journal of Chemistry</i> , 2006, 30, 1207.	2.8	61
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Face-driven octanuclear cerium(iv) luminescence polyhedra: synthesis and luminescent sensing natural saccharides. <i>Chemical Communications</i> , 2011, 47, 9387.	4.1	51
49	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
50	Asymmetric Catalysis within the Chiral Confined Space of Metal-Organic Architectures. <i>Small</i> , 2019, 15, e1804770.	10.0	51
51	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
52	Metallohelical Triangles for Selective Detection of Adenosine Triphosphate in Aqueous Media. <i>Inorganic Chemistry</i> , 2009, 48, 408-410.	4.0	49
53	A photosensitizing decatungstate-based MOF as heterogeneous photocatalyst for the selective C-H alkylation of aliphatic nitriles. <i>Chemical Communications</i> , 2016, 52, 4714-4717.	4.1	49
54	Title is missing!. <i>Transition Metal Chemistry</i> , 1997, 23, 17-20.	1.4	48

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55	Cerium-based triple-stranded helicates as luminescent chemosensors for the selective sensing of magnesium ions. Dalton Transactions, 2010, 39, 10051.	3.3	48
56	Photoactive Metal-Organic Framework and Its Film for Light-Driven Hydrogen Production and Carbon Dioxide Reduction. Inorganic Chemistry, 2016, 55, 8153-8159.	4.0	48
57	Redox-Active M ⁸ L ⁶ Cubic Hosts with Tetraphenylethylene Faces Encapsulate Organic Dyes for Light-Driven H ₂ Production. Chemistry - A European Journal, 2016, 22, 18107-18114.	3.3	47
58	Metal-Organic Capsules with NADH Mimics as Switchable Selectivity Regulators for Photocatalytic Transfer Hydrogenation. Journal of the American Chemical Society, 2019, 141, 12707-12716.	13.7	45
59	Metal-organic polyhedra containing 36 and 24 folds of amide groups for selective luminescent recognition of natural disaccharides. Chemical Communications, 2012, 48, 6022.	4.1	44
60	Synthesis, molecular structure and magnetic properties of tetranuclear copper(ii) complexes with pendant-arm macrocyclic ligands. Dalton Transactions RSC, 2001, , 3232-3237.	2.3	43
61	Reactivity of Polyiodides Towards 1,3-Bis(4-pyridyl)propane (bpp): A New CuI Cluster Polycatenane Framework and a Novel 2D AgI Cluster Motif. European Journal of Inorganic Chemistry, 2006, 2006, 2259-2267.	2.0	43
62	Engineering pH-Responsive BODIPY Nanoparticles for Tumor Selective Multimodal Imaging and Phototherapy. ACS Applied Materials & Interfaces, 2019, 11, 43928-43935.	8.0	43
63	Anion induced binding electrochemical signal transduction in ferrocenyl benzimidazolium podands. New Journal of Chemistry, 2006, 30, 266-271.	2.8	41
64	Dye-incorporated coordination polymers for direct photocatalytic trifluoromethylation of aromatics at metabolically susceptible positions. Nature Communications, 2018, 9, 4024.	12.8	41
65	Synergistic catalysis for light-driven proton reduction using a polyoxometalate-based Cu-Ni heterometallic-organic framework. Chemical Communications, 2019, 55, 3805-3808.	4.1	40
66	Photo-induced direct alkynylation of methane and other light alkanes by iron catalysis. Green Chemistry, 2021, 23, 9406-9411.	9.0	40
67	Lanthanide perchlorate complexes with 1,4-bis(phenylsulfinyl)butane: structures and luminescent properties. New Journal of Chemistry, 2004, 28, 261.	2.8	39
68	Renewable Molecular Flasks with NADH Models: Combination of Light-Driven Proton Reduction and Biomimetic Hydrogenation of Benzoxazinones. Angewandte Chemie - International Edition, 2017, 56, 8692-8696.	13.8	39
69	Strong Co-Ion Effect via Cation-π Interaction on the Self-Assembly of Metal-Organic Cationic Macrocycles. Journal of the American Chemical Society, 2017, 139, 12020-12026.	13.7	39
70	Encapsulation of a Quinhydrone Cofactor in the Inner Pocket of Cobalt Triangular Prisms: Combined Light-Driven Reduction of Protons and Hydrogenation of Nitrobenzene. Angewandte Chemie - International Edition, 2017, 56, 15284-15288.	13.8	38
71	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. ACS Applied Materials & Interfaces, 2020, 12, 12043-12053.	8.0	38
72	N-CND modified NH ₂ -UiO-66 for photocatalytic CO ₂ conversion under visible light by a photo-induced electron transfer process. Chemical Communications, 2019, 55, 4845-4848.	4.1	37

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73	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
74	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
75	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
76	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
77	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
78	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
79	An unusual three-dimensional porous framework complex {[Cu(en) ₂][KCr(CN) ₆]} ^z (en =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 4.1 33	4.1	33
80	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
81	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
82	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
83	Engineering an iridium-containing metal-organic molecular capsule for induced-fit geometrical conversion and dual catalysis. <i>Chemical Communications</i> , 2016, 52, 9628-9631.	4.1	32
84	Self-Assembled Metal-Organic Framework Stabilized Organic Cocrystals for Biological Phototherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23569-23573.	13.8	32
85	Selective C(sp ³)-H activation of simple alkanes: visible light-induced metal-free synthesis of phenanthridines with H ₂ O ₂ as a sustainable oxidant. <i>Green Chemistry</i> , 2021, 23, 6926-6930.	9.0	32
86	Silver(I)-catalyzed denitrative trifluoromethylation of <i>l</i> ² -nitrostyrenes with CF ₃ SO ₂ Na. <i>Tetrahedron Letters</i> , 2016, 57, 4705-4708.	1.4	31
87	Conformational switching fluorescent chemodosimeter for the selective detection of silver(i) ions. <i>New Journal of Chemistry</i> , 2009, 33, 1478.	2.8	30
88	Multicomponent self-assembly of a pentanuclear Ir-Zn heterometal-organic polyhedron for carbon dioxide fixation and sulfite sequestration. <i>Chemical Communications</i> , 2016, 52, 5104-5107.	4.1	30
89	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
90	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

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91	SYNTHESIS AND CRYSTAL STRUCTURE OF A MANGANESE(III) COMPLEX WITH THE TETRADENTATE SCHIFF BASE $\text{N}_2\text{N}'_2\text{-ETHYLENE-BIS(SALICYLIDENEIMINATO)}$. <i>Journal of Coordination Chemistry</i> , 1997, 41, 183-189.	2.2	28
92	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
93	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
94	A Metal-Organic Framework as a Multiphoton Excitation Regulator for the Activation of Inert $\text{C}(\text{sp}^3)\text{-H}$ Bonds and Oxygen. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	26
95	Light-driven hydrogen evolution with a nickel thiosemicarbazone redox catalyst featuring Ni^{II} -H interactions under basic conditions. <i>New Journal of Chemistry</i> , 2015, 39, 1051-1059.	2.8	25
96	Cobalt-Catalyzed Fluoroallylation of Carbonyls via C^{C} Activation of $\text{gem-Difluorocyclopropanes}$. <i>Organic Letters</i> , 2022, 24, 5051-5055.	4.6	24
97	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
98	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
99	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
100	A host-guest approach to combining enzymatic and artificial catalysis for catalyzing biomimetic monooxygenation. <i>Nature Communications</i> , 2020, 11, 2903.	12.8	22
101	Cerium-based M_4L_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
102	Photoresponse within dye-incorporated metal-organic architectures. <i>Coordination Chemistry Reviews</i> , 2021, 430, 213648.	18.8	21
103	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
104	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
105	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
106	A Cr^{III} 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
107	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
108	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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109	Title is missing!. <i>Transition Metal Chemistry</i> , 1999, 24, 131-134.	1.4	18
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	Photocatalytic copper-catalyzed azide-alkyne cycloaddition click reaction with Cu coordination polymer. <i>RSC Advances</i> , 2017, 7, 52907-52913.	3.6	16
119	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
120	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
121	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
122	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
123	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
124	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 295-299.	1.4	14
125	3d-4d-4f Heterotrimetallic 3D Chiral Frameworks Based on Octahedral {Ni ₆ Ag ₈ S ₁₂ Cl} or Trigonal Bipyramidal {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
126	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

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127	Lighting up metallohelices: from DNA binders to chemotherapy and photodynamic therapy. <i>Chemical Communications</i> , 2020, 56, 7537-7548.	4.1	14
128	Triarylamine-based porous coordination polymers performing both hydrogen atom transfer and photoredox catalysis for regioselective α -amino C(sp ³)–H arylation. <i>Chemical Science</i> , 2021, 12, 8512-8520.	7.4	14
129	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
130	A 2-D bimetallic assembly with bridging cyanide ions. <i>Transition Metal Chemistry</i> , 2001, 26, 127-130.	1.4	13
131	Thiophene insertion for continuous modulation of the photoelectronic properties of triphenylamine-based metal–organic frameworks for photocatalytic sulfonylation–cyclisation of activated alkenes. <i>New Journal of Chemistry</i> , 2018, 42, 18448-18457.	2.8	13
132	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
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