

Yu-Bin Dong

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139
papers

6,008
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48
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72
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151
ext. papers

7,151
ext. citations

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avg, IF

6.22
L-index

#	Paper	IF	Citations
139	Temperature-dependent synthesis of metal-organic frameworks based on a flexible tetradentate ligand with bidirectional coordination donors. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4520-4527	16.4	237
138	Two versatile N,NPbipyridine-type ligands for preparing organic-inorganic coordination polymers: new cobalt- and nickel-containing framework materials. <i>Inorganic Chemistry</i> , 2001 , 40, 2825-34	5.1	196
137	Cu(I)-MOF: naked-eye colorimetric sensor for humidity and formaldehyde in single-crystal-to-single-crystal fashion. <i>Chemical Communications</i> , 2014 , 50, 1444-6	5.8	173
136	Bifunctional Imidazolium-Based Ionic Liquid Decorated UiO-67 Type MOF for Selective CO Adsorption and Catalytic Property for CO Cycloaddition with Epoxides. <i>Inorganic Chemistry</i> , 2017 , 56, 2337-2344	5.1	170
135	Adsorption and separation of reactive aromatic isomers and generation and stabilization of their radicals within cadmium(II)-triazole metal-organic confined space in a single-crystal-to-single-crystal fashion. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7005-17	16.4	169
134	Coordination-driven nanosized lanthanide "molecular lantern" with tunable luminescent properties. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4872-3	16.4	151
133	Nanoscale Covalent Organic Framework for Combinatorial Antitumor Photodynamic and Photothermal Therapy. <i>ACS Nano</i> , 2019 , 13, 13304-13316	16.7	141
132	Syntheses and structures of Ag(I)-containing coordination polymers and Co(II)-containing supramolecular complex based on novel fulvene ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 4727-39	5.1	118
131	Syntheses and Characterizations of One-Dimensional Coordination Polymers Generated from Cadmium Nitrate and Bipyridine Ligands. <i>Inorganic Chemistry</i> , 1999 , 38, 3056-3060	5.1	108
130	Pd NPs-Loaded Homochiral Covalent Organic Framework for Heterogeneous Asymmetric Catalysis. <i>Chemistry of Materials</i> , 2017 , 29, 6518-6524	9.6	105
129	[Ag ₂ (C ₃₃ H ₂₆ N ₂ O ₂)(H ₂ O) ₂ (SO ₃ CF ₃) ₂].0.5C ₆ H ₆ : a luminescent supramolecular silver(I) complex based on metal-carbon and metal-heteroatom interactions. <i>Inorganic Chemistry</i> , 2002 , 41, 4909-14	5.1	100
128	Reactions of Cu(hfacac) ₂ ·H ₂ O (hfacac = Hexafluoroacetylacetonate) with Bidentate Ligands. Preparation, Characterization, and X-ray Structures of the Molecular Complexes Cu(hfacac) ₂ (pyrazine) ₂ and Cu(hfacac) ₂ (3-cyanopyridine) ₂ and the One-Dimensional Coordination Polymers Cu(hfacac) ₂ (1,2-bis(4-pyridyl)ethane) and	5.1	97
127	Self-assembly of coordination polymers from AgX (X = SbF ₆ ⁻ , PF ₆ ⁻ , and CF ₃ SO ₃ ⁻) and oxadiazole-containing ligands. <i>Inorganic Chemistry</i> , 2003 , 42, 5699-706	5.1	95
126	Luminescent humidity sensors based on porous Ln ³⁺ -MOFs. <i>CrystEngComm</i> , 2012 , 14, 7157	3.3	94
125	Synthesis and characterization of new coordination polymers generated from oxadiazole-containing organic ligands and inorganic silver(I) salts. <i>Inorganic Chemistry</i> , 2003 , 42, 294-300	5.1	92
124	Covalent organic frameworks: emerging high-performance platforms for efficient photocatalytic applications. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 6957-6983	13	91
123	Nanoscale UiO-MOF-based luminescent sensors for highly selective detection of cysteine and glutathione and their application in bioimaging. <i>Chemical Communications</i> , 2015 , 51, 17672-5	5.8	90

122	Ionic liquid-decorated COF and its covalent composite aerogel for selective CO ₂ adsorption and catalytic conversion. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 4689-4698	13	89
121	Post-Synthetic Polymerization of UiO-66-NH ₂ Nanoparticles and Polyurethane Oligomer toward Stand-Alone Membranes for Dye Removal and Separation. <i>Chemistry - A European Journal</i> , 2016 , 22, 10565-71	4.8	88
120	Metal-containing ligands for mixed-metal polymers: novel Cu(II)-Ag(I) mixed-metal coordination polymers generated from [Cu(2-methylpyrazine-5-carboxylate) ₂ (H ₂ O)].3H ₂ O and silver(I) salts. <i>Inorganic Chemistry</i> , 2000 , 39, 1943-9	5.1	87
119	Au@Cu(II)-MOF: Highly Efficient Bifunctional Heterogeneous Catalyst for Successive Oxidation-Condensation Reactions. <i>Inorganic Chemistry</i> , 2016 , 55, 6685-91	5.1	85
118	Silver(I) coordination polymers based on a nano-sized bent bis(3-acetylenylphenyl-(4-cyanophenyl))oxadiazole ligand: the role of ligand isomerism and the templating effect of polyatomic anions and solvent intermediates. <i>Inorganic Chemistry</i> , 2006 , 45, 3325-43	5.1	83
117	BODIPY-Decorated Nanoscale Covalent Organic Frameworks for Photodynamic Therapy. <i>IScience</i> , 2019 , 14, 180-198	6.1	82
116	An in situ self-assembled Cu ₄ I ₄ -MOF-based mixed matrix membrane: a highly sensitive and selective naked-eye sensor for gaseous HCl. <i>Chemical Communications</i> , 2016 , 52, 5238-41	5.8	82
115	Synthesis and characterization of new coordination polymers generated from bent bis(cyanophenyl)oxadiazole ligands and Ag(I) salts. <i>Inorganic Chemistry</i> , 2005 , 44, 4679-92	5.1	81
114	Novel hydrogen-bonded two- and three-dimensional networks generated from the reaction of metal nitrate hydrates (M = Cd, Co) with the bidentate linear ligand 4,4'-bipyridine. <i>Dalton Transactions RSC</i> , 2000 , 775-780		81
113	Pd@Cu(II)-MOF-Catalyzed Aerobic Oxidation of Benzylic Alcohols in Air with High Conversion and Selectivity. <i>Inorganic Chemistry</i> , 2016 , 55, 3058-64	5.1	76
112	New Ag(I)-containing coordination polymers generated from multidentate Schiff-base ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 5603-12	5.1	74
111	Reversible adsorption and separation of aromatics on Cd(II)-triazole single crystals. <i>Chemistry - A European Journal</i> , 2009 , 15, 10364-8	4.8	73
110	Covalent Organic Frameworks (COFs) for Cancer Therapeutics. <i>Chemistry - A European Journal</i> , 2020 , 26, 5583-5591	4.8	73
109	Encapsulation of Ln ³⁺ hydrate species for tunable luminescent materials based on a porous Cd(II)-MOF. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9027		71
108	Construction of Covalent Organic Frameworks via Three-Component One-Pot Strecker and Povarov Reactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6521-6526	16.4	66
107	Photothermal conversion triggered thermal asymmetric catalysis within metal nanoparticles loaded homochiral covalent organic framework. <i>Nature Communications</i> , 2019 , 10, 3368	17.4	66
106	[Cu(C ₂₄ H ₂₂ N ₄ O ₃)]·CH ₂ Cl ₂ : a discrete breathing metallamacrocycle showing selective and reversible guest adsorption with retention of single crystallinity. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1514-5	16.4	66
105	Chemically Cross-Linked MOF Membrane Generated from Imidazolium-Based Ionic Liquid-Decorated UiO-66 Type NMOF and Its Application toward CO Separation and Conversion. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38919-38930	9.5	65

104	Copper(I) Metal-Organic Framework: Visual Sensor for Detecting Small Polar Aliphatic Volatile Organic Compounds. <i>Inorganic Chemistry</i> , 2015 , 54, 11590-2	5.1	62
103	Co(II)-MOF: A Highly Efficient Organic Oxidation Catalyst with Open Metal Sites. <i>Inorganic Chemistry</i> , 2015 , 54, 10865-72	5.1	59
102	A Glycosylated Covalent Organic Framework Equipped with BODIPY and CaCO for Synergistic Tumor Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18042-18047	16.4	59
101	Dual Heterogeneous Catalyst Pd-Au@Mn(II)-MOF for One-Pot Tandem Synthesis of Imines from Alcohols and Amines. <i>Inorganic Chemistry</i> , 2017 , 56, 654-660	5.1	55
100	Surface Decorated Porphyrinic Nanoscale Metal-Organic Framework for Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2018 , 57, 5420-5428	5.1	55
99	Photodynamic Therapy Based on Nanoscale Metal-Organic Frameworks: From Material Design to Cancer Nanotherapeutics. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3122-3149	4.5	55
98	Construction of Metal-Organic Frameworks (M = Cd(II), Co(II), Zn(II), and Cu(II)) Based on Semirigid Oxadiazole Bridging Ligands by Solution and Hydrothermal Reactions. <i>Crystal Growth and Design</i> , 2007 , 7, 1058-1068	3.5	52
97	Synthesis and characterization of new coordination polymers generated from oxadiazole-containing ligand and inorganic M(II) [M = Cu(II), Co(II)] salts. <i>Dalton Transactions</i> , 2003 , 1472-1479	4.1	52
96	Smart pH-Responsive Polymer-Tethered and Pd NP-Loaded NMOF as the Pickering Interfacial Catalyst for One-Pot Cascade Biphasic Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 36438-36446	9.5	50
95	Pd(0)@UiO-68-AP: chelation-directed bifunctional heterogeneous catalyst for stepwise organic transformations. <i>Chemical Communications</i> , 2016 , 52, 6517-20	5.8	49
94	Fabrication of Cd(II)-MOF-based ternary photocatalytic composite materials for H ₂ production via a gel-to-crystal approach. <i>Chemical Communications</i> , 2015 , 51, 15906-9	5.8	48
93	Ru Nanoparticles-Loaded Covalent Organic Framework for Solvent-Free One-Pot Tandem Reactions in Air. <i>Inorganic Chemistry</i> , 2018 , 57, 2678-2685	5.1	48
92	Nanoscale covalent organic frameworks as theranostic platforms for oncotherapy: synthesis, functionalization, and applications. <i>Nanoscale Advances</i> , 2020 , 2, 3656-3733	5.1	48
91	Organometallic silver(I) supramolecular complexes generated from multidentate furan-containing symmetric and unsymmetric fulvene ligands and silver(I) salts. <i>Inorganic Chemistry</i> , 2005 , 44, 1693-703	5.1	46
90	Ag(I) and Cu(II) discrete and polymeric complexes based on single- and double-armed oxadiazole-bridging organic clips. <i>Inorganic Chemistry</i> , 2006 , 45, 10613-28	5.1	45
89	Novel organic-inorganic composite coordination polymers generated from new multidentate Schiff-base ligand and Ag(I) salts. <i>Chemical Communications</i> , 2004 , 220-1	5.8	45
88	Homochiral Covalent Organic Framework for Catalytic Asymmetric Synthesis of a Drug Intermediate. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12574-12578	16.4	44
87	A porous Cd(II)-MOF-coated quartz fiber for solid-phase microextraction of BTEX. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13868-13872	13	44

86	Catalytic Asymmetric Synthesis of Chiral Covalent Organic Frameworks from Prochiral Monomers for Heterogeneous Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16915-16920	16.4	44
85	Pd NP-Loaded and Covalently Cross-Linked COF Membrane Microreactor for Aqueous CBs Dechlorination at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 20448-20457	9.5	44
84	Reversible adsorption and complete separation of volatile chlorocarbons based on a Cd(II)-triazole MOF in a single-crystal-to-single-crystal fashion. <i>Chemical Communications</i> , 2011 , 47, 12343-5	5.8	43
83	Pd(II)-NHDC-Functionalized UiO-67 Type MOF for Catalyzing Heck Cross-Coupling and Intermolecular Benzyne-Benzyne-Alkene Insertion Reactions. <i>Inorganic Chemistry</i> , 2018 , 57, 4379-4386	5.1	42
82	A drug-loaded nanoscale metal-organic framework with a tumor targeting agent for highly effective hepatoma therapy. <i>Chemical Communications</i> , 2016 , 52, 14113-14116	5.8	42
81	Diiodo-Bodipy-Encapsulated Nanoscale Metal-Organic Framework for pH-Driven Selective and Mitochondria Targeted Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2018 , 57, 10137-10145	5.1	40
80	Organometallic coordination polymers generated from bent Bis(acetylenylphenyl)oxadiazole ligands and Ag(I) salts. <i>Inorganic Chemistry</i> , 2005 , 44, 6591-608	5.1	40
79	Pd loaded and covalent-organic framework involved chitosan aerogels and their application for continuous flow-through aqueous CB decontamination. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11140-11146	13.146	40
78	Micro-CuI-MOF: reversible iodine adsorption and catalytic properties for tandem reaction of Friedel-Crafts alkylation of indoles with acetals. <i>Chemical Communications</i> , 2016 , 52, 12702-12705	5.8	39
77	A MOF-membrane based on the covalent bonding driven assembly of a NMOF with an organic oligomer and its application in membrane reactors. <i>Chemical Communications</i> , 2016 , 52, 13564-13567	5.8	39
76	UiO-68-ol NMOF-Based Fluorescent Sensor for Selective Detection of HClO and Its Application in Bioimaging. <i>Inorganic Chemistry</i> , 2017 , 56, 13241-13248	5.1	38
75	A Ni(II)-MOF: reversible guest adsorption and heterogeneous catalytic properties for silylcyanation of aromatic aldehydes. <i>Chemical Communications</i> , 2015 , 51, 839-42	5.8	37
74	Self-Assembly of {Ag ₂ N ₄ }-Core-Containing Coordination Polymers from AgX (X = NO ₃ ⁻ , ClO ₄ ⁻ , and PF ₆ ⁻) and Oxadiazole-Bridged 4,4'- and 3,3'-Biphenylamine Ligands. <i>Crystal Growth and Design</i> , 2005 , 5, 585-591	3.5	37
73	Pd@COF-QA: a phase transfer composite catalyst for aqueous Suzuki-Miyaura coupling reaction. <i>Green Chemistry</i> , 2020 , 22, 1150-1155	10	36
72	A self-assembled Pd ₆ L ₈ nanoball for Suzuki-Miyaura coupling reactions in both homogeneous and heterogeneous formats. <i>Green Chemistry</i> , 2013 , 15, 3150	10	36
71	Sulfonic Acid and Ionic Liquid Functionalized Covalent Organic Framework for Efficient Catalysis of the Biginelli Reaction. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3024-3032	4.2	35
70	Cu(ii)/Cu(0)@UiO-66-NH: base metal@MOFs as heterogeneous catalysts for olefin oxidation and reduction. <i>Chemical Communications</i> , 2016 , 52, 13116-13119	5.8	33
69	Visible-light triggered selective reduction of nitroarenes to azo compounds catalysed by Ag@organic molecular cages. <i>Chemical Communications</i> , 2019 , 55, 3586-3589	5.8	29

68	Co-crystallization of oxadiazole-bridged pyridyl-N-oxide building modules with R-aromatics (R = OH, NH ₂ and COOH). <i>CrystEngComm</i> , 2010 , 12, 4287	3.3	29
67	Cu(II)-Metal-Organic Framework with Open Coordination Metal Sites for Low Temperature Thermochemical Water Oxidation. <i>Chemistry of Materials</i> , 2015 , 27, 3805-3808	9.6	26
66	CuI@UiO-67-IM: A MOF-Based Bifunctional Composite Triphase-Transfer Catalyst for Sequential One-Pot Azide-Alkyne Cycloaddition in Water. <i>Inorganic Chemistry</i> , 2017 , 56, 8341-8347	5.1	26
65	One-Pot Synthetic Approach toward Porphyrinatozinc and Heavy-Atom Involved Zr-NMOF and Its Application in Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2018 , 57, 3169-3176	5.1	25
64	A Ferrocene-Functionalized Covalent Organic Framework for Enhancing Chemodynamic Therapy via Redox Dyshomeostasis. <i>Small</i> , 2021 , 17, e2101368	11	24
63	Homochiral Covalent Organic Frameworks for Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 2020 , 26, 13754-13770	4.8	22
62	Cd(II)-Schiff-Base Metal-Organic Frameworks: Synthesis, Structure, and Reversible Adsorption and Separation of Volatile Chlorocarbons. <i>Crystal Growth and Design</i> , 2011 , 11, 5696-5701	3.5	22
61	Cu(II) ₄ L ₄ coordination-driven molecular container: a reusable visual colorimetric sensor for Ag(I) ions. <i>Chemical Communications</i> , 2014 , 50, 4721-4	5.8	21
60	Reversible visual thermochromic coordination polymers via single-crystal-to-single-crystal transformation. <i>CrystEngComm</i> , 2014 , 16, 304-307	3.3	20
59	A N-heterocyclic tetracarbene Pd(II) moiety containing a Pd(II)-Pb(II) bimetallic MOF for three-component cyclotrimerization via benzyne. <i>Chemical Communications</i> , 2016 , 52, 10505-8	5.8	20
58	APPT-Cd MOF: Acetylene Adsorption Mechanism and Its Highly Efficient Acetylene/Ethylene Separation at Room Temperature. <i>Chemistry of Materials</i> , 2018 , 30, 7433-7437	9.6	20
57	A nanoscale metal-organic framework for combined photodynamic and starvation therapy in treating breast tumors. <i>Chemical Communications</i> , 2019 , 55, 14898-14901	5.8	19
56	Synthesis of an MOF-based Hg-fluorescent probe via stepwise post-synthetic modification in a single-crystal-to-single-crystal fashion and its application in bioimaging. <i>Dalton Transactions</i> , 2019 , 48, 16502-16508	4.3	18
55	UiO-68-PT MOF-Based Sensor and Its Mixed Matrix Membrane for Detection of HClO in Water. <i>Inorganic Chemistry</i> , 2019 , 58, 9890-9896	5.1	18
54	Reversible adsorption and separation of chlorocarbons and BTEX based on Cu(II)-metal organic framework. <i>CrystEngComm</i> , 2015 , 17, 4102-4109	3.3	18
53	New Ag(I) inorganic-organic coordination polymers and M(II) (M = Co(II) and Mn(II)) molecular complexes generated from a new type of fulvene ligand. <i>Dalton Transactions</i> , 2003 , 4324-4330	4.3	17
52	New Ag(I) Organometallic Coordination Polymers and M(II) (M = Cu(I) and Co(I)) Inorganic Supramolecular Complexes Generated from New Fulvene-Type Ligands. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 4017-4024	2.3	17
51	TiO@UiO-68-CIL: A Metal-Organic-Framework-Based Bifunctional Composite Catalyst for a One-Pot Sequential Asymmetric Morita-Baylis-Hillman Reaction. <i>Inorganic Chemistry</i> , 2019 , 58, 4722-4730	5.1	17

50	Synergistic Antibacterial and Anti-Inflammatory Effects of a Drug-Loaded Self-Standing Porphyrin-COF Membrane for Efficient Skin Wound Healing. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001821	10.1	17
49	Homochiral BINAPDA-Zr-MOF for Heterogeneous Asymmetric Cyanosilylation of Aldehydes. <i>Inorganic Chemistry</i> , 2019 , 58, 9253-9259	5.1	16
48	A carbon nanomaterial derived from a nanoscale covalent organic framework for photothermal therapy in the NIR-II biowindow. <i>Chemical Communications</i> , 2020 , 56, 7793-7796	5.8	16
47	A thermo-responsive polymer-tethered and Pd NP loaded UiO-66 NMOF for biphasic CB dechlorination. <i>Green Chemistry</i> , 2019 , 21, 1625-1634	10	15
46	p-Benzoquinone adsorption-separation, sensing and its photoinduced transformation within a robust Cd(II)-MOF in a SC-SC fashion. <i>Chemical Communications</i> , 2015 , 51, 7443-6	5.8	15
45	Cd(ii)-MOF-IM: post-synthesis functionalization of a Cd(ii)-MOF as a triphase transfer catalyst. <i>Chemical Communications</i> , 2016 , 52, 6989-92	5.8	15
44	Visual synchronous exchange of metal nodes and counteranions constituting a cobalt(II) coordination polymer. <i>Inorganic Chemistry</i> , 2014 , 53, 10791-3	5.1	15
43	Bird-like spiro-metallacyclic complexes based on a bent oxadiazole bridging ligand. <i>CrystEngComm</i> , 2009 , 11, 1281	3.3	15
42	Visual Recognition and Removal of CH from CH/CH Mixtures by a Cu-MOF. <i>Inorganic Chemistry</i> , 2018 , 57, 6218-6221	5.1	15
41	Synthesis, structural characterization and properties of Ag(I)-complexes based on double-armed 1,3,4-oxadiazole bridging ligands. <i>CrystEngComm</i> , 2011 , 13, 6850	3.3	14
40	A benzothiadiazole-based covalent organic framework for highly efficient visible-light driven hydrogen evolution. <i>Chemical Communications</i> , 2020 , 56, 12612-12615	5.8	14
39	Core-Shell-Structured Covalent-Organic Framework as a Nanoagent for Single-Laser-Induced Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 17243-17254	9.5	12
38	Recent insight into functional crystalline porous frameworks for cancer photodynamic therapy. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 848-879	6.8	12
37	Synthesis, structure and multifunctional catalytic properties of a Cu(I)-coordination polymer with outer-hanging CuBr ₂ . <i>RSC Advances</i> , 2016 , 6, 108645-108653	3.7	11
36	Porous organic polymer with generated palladium nanoparticles as a phase-transfer catalyst for Sonogashira cross-coupling reaction in water.. <i>RSC Advances</i> , 2019 , 9, 21671-21678	3.7	11
35	CuI metal-organic cages for A-coupling reactions: reversible coordination interaction triggered homogeneous catalysis and heterogeneous recovery. <i>Chemical Communications</i> , 2018 , 54, 11550-11553	5.8	11
34	Metalloporphyrin and Ionic Liquid-Functionalized Covalent Organic Frameworks for Catalytic CO Cycloaddition via Visible-Light-Induced Photothermal Conversion. <i>Inorganic Chemistry</i> , 2021 , 60, 12591-12601	5.1	11
33	A novel cascade supramolecular complex with a reversible nanosized 18-component H-bonded {(C ₆ H ₆) ₆ (SbF ₆) ₁₂ } ₁₂ - cage unit templated by a chiral metal-organic complex. <i>Inorganic Chemistry</i> , 2006 , 45, 9157-9	5.1	10

32	Nickel-metalated porous organic polymer for Suzuki-Miyaura cross-coupling reaction.. <i>RSC Advances</i> , 2019 , 9, 20266-20272	3.7	9
31	Synthesis and Catalytic Properties of Metal--Heterocyclic-Carbene-Decorated Covalent Organic Framework. <i>Organic Letters</i> , 2020 , 22, 7363-7368	6.2	9
30	Reusable Palladium N-Heterocyclic Tetracarbene for Aqueous SuzukiMiyaura Cross-Coupling Reaction: Homogeneous Catalysis and Heterogeneous Recovery. <i>Organometallics</i> , 2018 , 37, 1645-1648	3.8	9
29	Reversible adsorption and separation of volatile aromatics based on a porous Cd(II) MOF. <i>CrystEngComm</i> , 2015 , 17, 8657-8663	3.3	8
28	A Glycosylated Covalent Organic Framework Equipped with BODIPY and CaCO ₃ for Synergistic Tumor Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 18198-18203	3.6	7
27	A covalent organic framework-based nanoagent for HS-activable phototherapy against colon cancer. <i>Chemical Communications</i> , 2021 , 57, 7240-7243	5.8	7
26	Gram-Scale Synthesis of Cu(II)@COF via Solid-State Coordination Approach for Catalysis of Alkyne-Dihalomethane-Amine Coupling. <i>Inorganic Chemistry</i> , 2021 , 60, 3393-3400	5.1	7
25	Photoinduced charge separation enhanced by the confinement of electron donor and acceptor at different surfaces of porous TiO ₂ nanotubes and its application in olefin oxidation. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11915		6
24	Rational design of benzodifuran-functionalized donor-acceptor covalent organic frameworks for photocatalytic hydrogen evolution from water. <i>Chemical Communications</i> , 2021 , 57, 4464-4467	5.8	6
23	Coordination polymer-templated photoinduced [2 + 2] dimerization of pyridine-based derivative. <i>CrystEngComm</i> , 2012 , 14, 8499	3.3	5
22	A covalent organic framework as a photocatalyst for window ledge cross-dehydrogenative coupling reactions.. <i>Chemical Communications</i> , 2022 ,	5.8	5
21	Fe ₃ O ₄ /Porphyrin Covalent Organic Framework CoreShell Nanospheres as Interfacial Catalysts for Enzymatic Esterification. <i>ACS Applied Nano Materials</i> , 2020 , 3, 10360-10368	5.6	5
20	Synthesis of fulvene-containing boron complexes with aggregation-induced emission and mechanochromic luminescence. <i>Chemical Communications</i> , 2020 , 56, 14435-14438	5.8	5
19	Ferroptosis in cancer therapeutics: a materials chemistry perspective. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8906-8936	7.3	5
18	Synthesis of Chiral Covalent Organic Frameworks via Asymmetric Organocatalysis for Heterogeneous Asymmetric Catalysis.. <i>Angewandte Chemie - International Edition</i> , 2022 , e202115044	16.4	5
17	Coordination-driven synthesis of Ag(I) compounds based on a double emission ligand consisting of 1,3,4-oxadiazole and cyclotriphosphazene units. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 3299-3307	1.6	4
16	A palladium-carbon-connected organometallic framework and its catalytic application. <i>Chemical Communications</i> , 2019 , 55, 14414-14417	5.8	4
15	Single-molecular phosphorus phthalocyanine-based near-infrared-II nanoagent for photothermal antitumor therapy.. <i>RSC Advances</i> , 2020 , 10, 22656-22662	3.7	3

14	A BINOL-phosphoric acid and metalloporphyrin derived chiral covalent organic framework for enantioselective benzoylation of aldehydes.. <i>Chemical Science</i> , 2022 , 13, 1906-1911	9.4	3
13	Construction of Nanoscale Covalent Organic Frameworks via Photocatalysis-Involved Cascade Reactions for Tumor-Selective Treatment. <i>Advanced Therapeutics</i> , 2100177	4.9	3
12	Polydopamine-Based Multifunctional Antitumor Nanoagent for Phototherapy and Photodiagnosis by Regulating Redox Balance.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 8667-8675	4.1	3
11	Dual-Metal η^5 -Heterocyclic Carbene Complex (M = Au and Pd)-Functionalized UiO-67 MOF for Alkyne Hydration-Suzuki Coupling Tandem Reaction. <i>Journal of Organic Chemistry</i> , 2021 , 86, 1818-1826	4.2	3
10	Synthesis of covalent organic frameworks via Kabachnik-Fields reaction for water treatment.. <i>Journal of Hazardous Materials</i> , 2022 , 433, 128831	12.8	3
9	η^5 P and η^5 Pshaped complexes generated from a nano-sized oxadiazole-containing organic ligand with CdI ₂ and CuI. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014 , 70, 31-6	0.8	2
8	Three one-dimensional coordination polymers based on 1,1Pbis(pyridin-4-ylmethyl)-2,2Pbi-1H-benzimidazole and HgX ₂ (X = Cl, Br and I). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014 , 70, 37-42	0.8	2
7	Copper(II)-Silver(I) Macrocyclic Metal-Organic Framework: A Highly Efficient Reusable Triplet Oxygen Collector and Singlet Oxygen Generator. <i>Inorganic Chemistry</i> , 2017 , 56, 1049-1052	5.1	1
6	Nanoscale covalent organic framework for the low-temperature treatment of tumor growth and lung metastasis. <i>Science China Materials</i> , 1	7.1	1
5	Frontispiece: Homochiral Covalent Organic Frameworks for Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 2020 , 26,	4.8	1
4	Melamine-assisted synthesis of cobalt-bridged coordination polymers as electrode materials for supercapacitors. <i>Journal of Materials Science</i> , 2021 , 56, 13752-13762	4.3	1
3	Synthesis, Structure, and Ligand-Centered Catalytic Properties of M Coordination Polymers (M=Zn, Cd, Hg) with Open Pyridyl N-Oxide Sites. <i>ChemPlusChem</i> , 2016 , 81, 743-751	2.8	1
2	A metal-organic cage-based nanoagent for enhanced photodynamic antitumor therapy. <i>Chemical Communications</i> , 2021 , 57, 7954-7957	5.8	1
1	Near-infrared and metal-free tetra(butylamino)phthalocyanine nanoparticles for dual modal cancer phototherapy.. <i>RSC Advances</i> , 2020 , 10, 25958-25965	3.7	