Zu-Jin Lin

List of Publications by Year
in descending order

46	4,169	136940	223791
papers	citations	32 h-index	46 g-index

48	48	48	4865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€“organic frameworks based on flexible ligands (FL-MOFs): structures and applications. Chemical Society Reviews, 2014, 43, 5867-5895.	38.1	739
2	MOF-808: A Metalâ€“Organic Framework with Intrinsic Peroxidase-Like Catalytic Activity at Neutral pH for Colorimetric Biosensing. Inorganic Chemistry, 2018, 57, 9096-9104.	4.0	258
3	Microporous Hydrogen-Bonded Organic Framework for Highly Efficient Turn-Up Fluorescent Sensing of Aniline. Journal of the American Chemical Society, 2020, 142, 12478-12485.	13.7	201
4	Efficient Capture and Effective Sensing of Cr₂O₇^{2â€“} from Water Using a Zirconium Metalâ€“Organic Framework. Inorganic Chemistry, 2017, 56, 14178-14188.	4.0	189
5	Palladium Nanoparticles Encapsulated in a Metalâ€“Organic Framework as Efficient Heterogeneous Catalysts for Direct C2 Arylation of Indoles. Chemistry - A European Journal, 2011, 17, 12706-12712.	3.3	177
6	Palladium nanoparticles supported on amino functionalized metal-organic frameworks as highly active catalysts for the Suzukiâ€“Miyaura cross-coupling reaction. Catalysis Communications, 2011, 14, 27-31.	3.3	162
7	Water-Stable Anionic Metalâ€“Organic Framework for Highly Selective Separation of Methane from Natural Gas and Pyrolysis Gas. ACS Applied Materials & Interfaces, 2016, 8, 9777-9781.	8.0	148
8	An Anion Metalâ€“Organic Framework with Lewis Basic Sites-Rich toward Charge-Exclusive Cationic Dyes Separation and Size-Selective Catalytic Reaction. Inorganic Chemistry, 2016, 55, 2641-2649.	4.0	139
9	Zr-Based Metalâ€“Organic Frameworks with Intrinsic Peroxidase-Like Activity for Ultradeep Oxidative Desulfurization: Mechanism of H₂O₂ Decomposition. Inorganic Chemistry, 2019, 58, 6983-6992.	4.0	137
10	Facile synthesis of palladium nanoparticles encapsulated in amine-functionalized mesoporous metalâ€“organic frameworks and catalytic for dehalogenation of aryl chlorides. Journal of Catalysis, 2012, 292, 111-117.	6.2	128
11	Phosphotungstic acid encapsulated in the mesocages of amine-functionalized metalâ€“organic frameworks for catalytic oxidative desulfurization. Dalton Transactions, 2014, 43, 11950-11958.	3.3	124
12	Microwave-Assisted Synthesis of a Series of Lanthanide Metalâ€“Organic Frameworks and Gas Sorption Properties. Inorganic Chemistry, 2012, 51, 1813-1820.	4.0	106
13	Homochiral Nickel Coordination Polymers Based on Salen(Ni) Metalloligands: Synthesis, Structure, and Catalytic Alkene Epoxidation. Inorganic Chemistry, 2011, 50, 2191-2198.	4.0	103
14	Porous Anionic Indiumâ€“Organic Framework with Enhanced Gas and Vapor Adsorption and Separation Ability. ChemSusChem, 2014, 7, 2647-2653.	6.8	101
15	Encapsulation of Phosphotungstic Acid into Metalâ€“Organic Frameworks with Tunable Window Sizes: Screening of PTA@MOF Catalysts for Efficient Oxidative Desulfurization. Inorganic Chemistry, 2018, 57, 13009-13019.	4.0	100
16	Dual-Emissive Metalâ€“Organic Framework as a Fluorescent â€œSwitchâ€• for Ratiometric Sensing of Hypochlorite and Ascorbic Acid. Inorganic Chemistry, 2019, 58, 13360-13369.	4.0	94
17	Porous Anionic, Cationic, and Neutral Metal-Carboxylate Frameworks Constructed from Flexible Tetrapodal Ligands: Syntheses, Structures, Ion-Exchanges, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 2264-2271.	4.0	90
18	A Series of Lanthanide Metalâ€“Organic Frameworks Based on Biphenylâ€3,4â€²,5â€tricarboxylate: Syntheses, Structures, Luminescence and Magnetic Properties. European Journal of Inorganic Chemistry, 2010, 2010, 3842-3849.	2.0	89

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19	Construction of a Polyhedral Metalâ€“Organic Framework via a Flexible Octacarboxylate Ligand for Gas Adsorption and Separation. Inorganic Chemistry, 2013, 52, 3127-3132.	4.0	85
20	Direct Cï£¿H Bond Arylation of Indoles with Aryl Boronic Acids Catalyzed by Palladium Nanoparticles Encapsulated in Mesoporous Metalâ€“Organic Framework. ChemCatChem, 2013, 5, 1877-1883.	3.7	85
21	Effective and selective adsorption of organoarsenic acids from water over a Zr-based metal-organic framework. Chemical Engineering Journal, 2019, 378, 122196.	12.7	79
22	A Guestâ€Dependent Approach to Retain Permanent Pores in Flexible Metalâ€“Organic Frameworks by Cation Exchange. Chemistry - A European Journal, 2012, 18, 7896-7902.	3.3	66
23	Structure Versatility of Coordination Polymers Constructed from a Semirigid Tetracarboxylate Ligand: Syntheses, Structures, and Photoluminescent Properties. Crystal Growth and Design, 2013, 13, 255-263.	3.0	65
24	From 2D â† 3D inclined polycatenation to 2D â† 3D parallel polycatenation: a central metal cationic induce strategy. CrystEngComm, 2011, 13, 440-443.	2.6	58
25	Water-medium Câ€“H activation over a hydrophobic perfluoroalkane-decorated metal-organic framework platform. Journal of Catalysis, 2016, 333, 1-7.	6.2	58
26	In Situ Growth of Metalâ€“Organic Framework Thin Films with Gas Sensing and Molecule Storage Properties. Langmuir, 2013, 29, 8657-8664.	3.5	53
27	Pore-size tuning in double-pillared metalâ€“organic frameworks containing cadmium clusters. CrystEngComm, 2011, 13, 3321.	2.6	49
28	Two Novel 3d-4f Heterometallic Frameworks Assembled from a Flexible Bifunctional Macrocyclic Ligand. Crystal Growth and Design, 2012, 12, 4708-4711.	3.0	46
29	Designed 4,8-Connected Metalâ€“Organic Frameworks Based on Tetrapodal Octacarboxylate Ligands. Crystal Growth and Design, 2011, 11, 4284-4287.	3.0	43
30	Three New Three-Dimensional Frameworks Based on Hepta-, Hexa-, and Pentanuclear Cobalt Clusters Derived from Substituted Isophthalic Acids: Synthesis, Structures, and Magnetic Properties. Crystal Growth and Design, 2013, 13, 3746-3753.	3.0	41
31	Patterned growth of luminescent metalâ€“organic framework films: a versatile electrochemically-assisted microwave deposition method. Chemical Communications, 2016, 52, 3951-3954.	4.1	40
32	Robust Mesoporous Functional Hydrogen-Bonded Organic Framework for Hypochlorite Detection. ACS Applied Materials & Interfaces, 2022, 14, 21098-21105.	8.0	34
33	Synthesis, structures and physical properties of mixed-ligand coordination polymers based on a V-shaped dicarboxylic ligand. CrystEngComm, 2015, 17, 1381-1388.	2.6	31
34	Boosting the photoreduction activity of Cr(<scp>vi</scp>) in metalâ€“organic frameworks by photosensitiser incorporation and framework ionization. Journal of Materials Chemistry A, 2020, 8, 17219-17228.	10.3	31
35	A Metallosalenâ€based Porous Organic Polymer for Olefin Epoxidation. ChemCatChem, 2015, 7, 2340-2345.	3.7	26
36	Defect porous organic frameworks (dPOFs) as a platform for chiral organocatalysis. Journal of Catalysis, 2017, 355, 131-138.	6.2	26

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37	Dual-emissive metalâ€“organic framework: a novel turn-on and ratiometric fluorescent sensor for highly efficient and specific detection of hypochlorite. Dalton Transactions, 2020, 49, 9680-9687.	3.3	25
38	Syntheses, structures and photoluminescent properties of lanthanide coordination polymers based on pyridyl functionalized imidazole dicarboxylic acid. RSC Advances, 2013, 3, 9279.	3.6	24
39	Two enantiomorphic 3D Zn(ii)â€“carboxylate MOFs with double helical structures serving as a chiral source induced by hydrogen bonding. CrystEngComm, 2012, 14, 4165.	2.6	23
40	Porous Hydrogen-bonded Organic Frameworks (HOFs): Status and Challenges. Acta Chimica Sinica, 2020, 78, 1309.	1.4	21
41	Cobalt-cluster-based coordination polymers with size-matching mixed ligands. CrystEngComm, 2014, 16, 1749.	2.6	18
42	Entangled coordination polymers with mixed N- and O-donor organic linkers: A case of module-matching priority. Dalton Transactions, 2012, 41, 4146.	3.3	16
43	Enantioselective Inclusion of Alcohols by Solvent-Controlled Assembled Flexible Metalâ€“Organic Frameworks. Inorganic Chemistry, 2014, 53, 4794-4796.	4.0	16
44	Synthesis, structures and luminescent properties of lanthanide coordination polymers involving biphenyl-3,4â€²,5-tricarboxylate. CrystEngComm, 2014, 16, 6425-6432.	2.6	12
45	Preparation of fluorescent organic nanoparticlesviaself-polymerization for tartrazine detection in food samples. New Journal of Chemistry, 2022, 46, 4756-4761.	2.8	7
46	Coordination polymers constructed from a tripodal phosphoryl carboxylate ligand: synthesis, structures and physical properties. CrystEngComm, 2015, 17, 4547-4553.	2.6	6