Xiu-Liang Lv

List of Publications by Year
in descending order

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31 papers	5,248 citations	236833 25 h-index	454834 30 g-index
33 all docs	33 docs citations	33 times ranked	5940 citing authors

#	Article	IF	Citations
1	MOFs the movie: Molecule to nuclei evolution during metal-organic framework formation. Matter, 2022, 5, 11-13.	5.0	2
2	Dextrosil-Viologen: A Robust and Sustainable Anolyte for Aqueous Organic Redox Flow Batteries. ACS Energy Letters, 2022, 7, 2428-2434.	8.8	34
3	Metalâ€“organic frameworks based on multicarboxylate linkers. Coordination Chemistry Reviews, 2021, 426, 213542.	9.5	158
4	A Series of Mesoporous Rareâ€Earth Metalâ€“Organic Frameworks Constructed from Organic Secondary Building Units. Angewandte Chemie - International Edition, 2021, 60, 2053-2057.	7.2	43
5	A Series of Mesoporous Rareâ€Earth Metalâ€“Organic Frameworks Constructed from Organic Secondary Building Units. Angewandte Chemie, 2021, 133, 2081-2085.	1.6	1
6	Linker Desymmetrization: Access to a Series of Rare-Earth Tetracarboxylate Frameworks with Eight-Connected Hexanuclear Nodes. Journal of the American Chemical Society, 2021, 143, 2784-2791.	6.6	61
7	A Practice of Reticular Chemistry: Construction of a Robust Mesoporous Palladium Metalâ€“Organic Framework via Metal Metathesis. Journal of the American Chemical Society, 2021, 143, 9901-9911.	6.6	60
8	Hierarchically porous metalâ€“organic frameworks: synthetic strategies and applications. National Science Review, 2020, 7, 1743-1758.	4.6	161
9	Kinetically Controlled Reticular Assembly of a Chemically Stable Mesoporous Ni(II)-Pyrazolate Metalâ€“Organic Framework. Journal of the American Chemical Society, 2020, 142, 13491-13499.	6.6	97
10	Modular Total Synthesis in Reticular Chemistry. Journal of the American Chemical Society, 2020, 142, 3069-3076.	6.6	42
11	A novel mesoporous hydrogen-bonded organic framework with high porosity and stability. Chemical Communications, 2020, 56, 66-69.	2.2	76
12	Fixing Flexible Arms of Core-Shared Ligands to Enhance the Stability of Metalâ€“Organic Frameworks. Inorganic Chemistry, 2019, 58, 15909-15916.	1.9	14
13	Imprinted Apportionment of Functional Groups in Multivariate Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 14524-14529.	6.6	35
14	Ligand Rigidification for Enhancing the Stability of Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 10283-10293.	6.6	172
15	Modular Programming of Hierarchy and Diversity in Multivariate Polymer/Metalâ€“Organic Framework Hybrid Composites. Journal of the American Chemical Society, 2019, 141, 10342-10349.	6.6	42
16	Temperature-Controlled Evolution of Nanoporous MOF Crystallites into Hierarchically Porous Superstructures. CheM, 2019, 5, 1265-1274.	5.8	99
17	Unique T-Shaped Ligand as a New Platform for Metalâ€“Organic Frameworks. Crystal Growth and Design, 2019, 19, 430-436.	1.4	10
18	Flexible metalâ€“organic frameworks for the wavelength-based luminescence sensing of aqueous pH. Journal of Materials Chemistry C, 2018, 6, 10628-10639.	2.7	45

#	Article	IF	Citations
19	Tuning Water Sorption in Highly Stable Zr(IV)-Metalâ€“Organic Frameworks through Local Functionalization of Metal Clusters. ACS Applied Materials & Interfaces, 2018, 10, 27868-27874.	4.0	54
20	Zr(IV)-Based Metal-Organic Framework with T-Shaped Ligand: Unique Structure, High Stability, Selective Detection, and Rapid Adsorption of Cr₂O₇^{2â€“} in Water. ACS Applied Materials & Interfaces, 2018, 10, 16650-16659.	4.0	219
21	A stable porphyrinic metalâ€“organic framework pore-functionalized by high-density carboxylic groups for proton conduction. Journal of Materials Chemistry A, 2017, 5, 14525-14529.	5.2	121
22	A Base-Resistant Metalloporphyrin Metalâ€“Organic Framework for Câ€“H Bond Halogenation. Journal of the American Chemical Society, 2017, 139, 211-217.	6.6	250
23	A Baseâ€Resistant Zn^{II}â€Based Metalâ€“Organic Framework: Synthesis, Structure, Postsynthetic Modification, and Gas Adsorption. ChemPlusChem, 2016, 81, 864-871.	1.3	16
24	Highly Stable Zr(IV)-Based Metalâ€“Organic Frameworks for the Detection and Removal of Antibiotics and Organic Explosives in Water. Journal of the American Chemical Society, 2016, 138, 6204-6216.	6.6	1,273
25	Nanocage containing metal-organic framework constructed from a newly designed low symmetry tetra-pyrazole ligand. Journal of Coordination Chemistry, 2016, 69, 3242-3249.	0.8	1
26	Pyrazolate-Based Porphyrinic Metalâ€“Organic Framework with Extraordinary Base-Resistance. Journal of the American Chemical Society, 2016, 138, 914-919.	6.6	303
27	A high surface area Zr(IV)-based metalâ€“organic framework showing stepwise gas adsorption and selective dye uptake. Journal of Solid State Chemistry, 2015, 223, 104-108.	1.4	44
28	Tuning CO₂ Selective Adsorption over N₂ and CH₄ in UiO-67 Analogues through Ligand Functionalization. Inorganic Chemistry, 2014, 53, 9254-9259.	1.9	239
29	Photocatalytic organic pollutants degradation in metalâ€“organic frameworks. Energy and Environmental Science, 2014, 7, 2831-2867.	15.6	1,430
30	Direct Solvent-Free Regioselective Construction of Pyrrolo[1,2-a][1,10]phenanthrolines Based on Isocyanide-Based Multicomponent Reactions. Organic Letters, 2013, 15, 1262-1265.	2.4	55
31	One-Pot Multicomponent Cascade Reaction of N,S-Ketene Acetal: Solvent-Free Synthesis of Imidazo[1,2-a]thiochromeno[3,2-e]pyridines. Organic Letters, 2012, 14, 3470-3473.	2.4	91