

Xiang-Jing Kong

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,207
citations

471509

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docs citations

26
times ranked

1105
citing authors

#	ARTICLE	IF	CITATIONS
1	Zr(IV)-Based Metal-Organic Framework with T-Shaped Ligand: Unique Structure, High Stability, Selective Detection, and Rapid Adsorption of Cr ₂ O ₇ ²⁻ in Water. ACS Applied Materials & Interfaces, 2018, 10, 16650-16659.	8.0	219
2	Chemically Stable Metal-Organic Frameworks: Rational Construction and Application Expansion. Accounts of Chemical Research, 2021, 54, 3083-3094.	15.6	167
3	Trace removal of benzene vapour using double-walled metal-dipyrazolate frameworks. Nature Materials, 2022, 21, 689-695.	27.5	109
4	Kinetically Controlled Reticular Assembly of a Chemically Stable Mesoporous Ni(II)-Pyrazolate Metal-Organic Framework. Journal of the American Chemical Society, 2020, 142, 13491-13499.	13.7	97
5	In Situ Porphyrin Substitution in a Zr(IV)-MOF for Stability Enhancement and Photocatalytic CO ₂ Reduction. Small, 2021, 17, e2005357.	10.0	84
6	A Stable Zr(IV)-Based Metal-Organic Framework Constructed from C-C Bridged Di-isophthalate Ligand for Sensitive Detection of Cr ₂ O ₇ ²⁻ in Water. Inorganic Chemistry, 2018, 57, 14260-14268.	4.0	62
7	A Practice of Reticular Chemistry: Construction of a Robust Mesoporous Palladium Metal-Organic Framework via Metal Metathesis. Journal of the American Chemical Society, 2021, 143, 9901-9911.	13.7	60
8	Tuning Water Sorption in Highly Stable Zr(IV)-Metal-Organic Frameworks through Local Functionalization of Metal Clusters. ACS Applied Materials & Interfaces, 2018, 10, 27868-27874.	8.0	54
9	Constructing new metal-organic frameworks with complicated ligands from "One-Pot" in situ reactions. Chemical Science, 2019, 10, 3949-3955.	7.4	46
10	Functionalized Base-Stable Metal-Organic Frameworks for Selective CO ₂ Adsorption and Proton Conduction. ChemPhysChem, 2017, 18, 3245-3252.	2.1	43
11	A Green-Emission Metal-Organic Framework-Based Nanoprobe for Imaging Dual Tumor Biomarkers in Living Cells. ACS Applied Materials & Interfaces, 2020, 12, 35375-35384.	8.0	32
12	Two interpenetrated metal-organic frameworks with a slim ethynyl-based ligand: designed for selective gas adsorption and structural tuning. CrystEngComm, 2018, 20, 6018-6025.	2.6	29
13	Revealing the effect of anion-tuning in bimetallic chalcogenides on electrocatalytic overall water splitting. Nano Research, 2021, 14, 4548-4555.	10.4	29
14	A stable Co(II)-based metal-organic framework with dual-functional pyrazolate-carboxylate ligand: Construction and CO ₂ selective adsorption and fixation. Chinese Chemical Letters, 2021, 32, 918-922.	9.0	27
15	Yb(OTf) ₃ -Mediated Access to Furans from \hat{I}^2 -Ketothioamides via Eschenmoser Sulfide Contraction Reaction. Journal of Organic Chemistry, 2015, 80, 11999-12005.	3.2	26
16	Single-Crystal Synthesis and Structures of Highly Stable Ni ₈ -Pyrazolate-Based Metal-Organic Frameworks. , 2019, 1, 20-24.		26
17	Integrating multiple adsorption sites and tortuous diffusion paths into a metal-organic framework for C ₃ H ₄ /C ₃ H ₆ separation. Journal of Materials Chemistry A, 2019, 7, 25254-25257.	10.3	26
18	Enhancing proton conductivity in Zr-MOFs through tuning metal cluster connectivity. Journal of Materials Chemistry A, 2022, 10, 1236-1240.	10.3	22

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19	Synthesis of Passerini adducts from aldehydes and isocyanides under the auxiliary of water. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1326-1333.	4.5	11
20	A Zn(II)-based pillar-layered metal-organic framework: Synthesis, structure, and CO ₂ selective adsorption. <i>Polyhedron</i> , 2019, 158, 283-289.	2.2	10
21	Unique T-Shaped Ligand as a New Platform for Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2019, 19, 430-436.	3.0	10
22	Reaction duration-dependent formation of two Cu(II)-MOFs with selective adsorption properties of C ₃ H ₄ over C ₃ H ₆ . <i>Dalton Transactions</i> , 2019, 48, 9225-9233.	3.3	9
23	Metalloporphyrin functionalized multivariate IRMOF-74-IV analogs for photocatalytic CO ₂ reduction. <i>Separation and Purification Technology</i> , 2022, 292, 121080.	7.9	9
24	A Cu(II) metal-organic framework based on an angular ligand with a bulky uncoordinated group: synthesis, structure, and gas adsorption. <i>Journal of Coordination Chemistry</i> , 2020, 73, 844-853.	2.2	0