

Kun-Yu Wang

List of Publications by Year in descending order

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43
papers

2,733
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186265

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docs citations

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times ranked

2759
citing authors

#	ARTICLE	IF	CITATIONS
1	A {Ni ₁₂ }â€Wheelâ€Based Metalâ€Organic Framework for Coordinative Binding of Sulphur Dioxide and Nitrogen Dioxide. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115585.	13.8	12
2	Titelbild: A {Ni ₁₂ }â€Wheelâ€Based Metalâ€Organic Framework for Coordinative Binding of Sulphur Dioxide and Nitrogen Dioxide (<i>Angew. Chem.</i> 6/2022). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
3	A Multicenter Metalâ€Organic Framework for Quantitative Detection of Multicomponent Organic Mixtures. <i>CCS Chemistry</i> , 2022, 4, 3238-3245.	7.8	39
4	Bifunctionalized Metalâ€Organic Frameworks for Poreâ€Sizeâ€Dependent Enantioselective Sensing. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	57
5	Observation of oxygen evolution over a {Ni ₁₂ }-cluster-based metal-organic framework. <i>Science China Chemistry</i> , 2022, 65, 1088-1093.	8.2	11
6	Enantioseparation in Hierarchically Porous Assemblies of Homochiral Cages. <i>ACS Central Science</i> , 2022, 8, 562-570.	11.3	8
7	Detection of the UV-vis silent biomarker trimethylamine-N-oxide via outer-sphere interactions in a lanthanide metal-organic framework. <i>Communications Chemistry</i> , 2022, 5, .	4.5	35
8	Metalâ€organic frameworks based on multicarboxylate linkers. <i>Coordination Chemistry Reviews</i> , 2021, 426, 213542.	18.8	158
9	A Series of Mesoporous Rareâ€Earth Metalâ€Organic Frameworks Constructed from Organic Secondary Building Units. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2053-2057.	13.8	43
10	A Series of Mesoporous Rareâ€Earth Metalâ€Organic Frameworks Constructed from Organic Secondary Building Units. <i>Angewandte Chemie</i> , 2021, 133, 2081-2085.	2.0	1
11	Linker Desymmetrization: Access to a Series of Rare-Earth Tetracarboxylate Frameworks with Eight-Connected Hexanuclear Nodes. <i>Journal of the American Chemical Society</i> , 2021, 143, 2784-2791.	13.7	61
12	Defect Termination in the UiO-66 Family of Metalâ€Organic Frameworks: The Role of Water and Modulator. <i>Journal of the American Chemical Society</i> , 2021, 143, 6328-6332.	13.7	74
13	Metalâ€Organic Frameworks as Versatile Platforms for Organometallic Chemistry. <i>Inorganics</i> , 2021, 9, 27.	2.7	12
14	Morphology Transcription in Hierarchical MOF-on-MOF Architectures. , 2021, 3, 738-743.		13
15	Homochiral Dodecanuclear Lanthanide â€Cage in Cageâ€for Enantioselective Separation. <i>Journal of the American Chemical Society</i> , 2021, 143, 12560-12566.	13.7	59
16	Tuning the Adsorption Properties of Metalâ€Organic Frameworks through Coadsorbed Ammonia. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43661-43667.	8.0	6
17	Hierarchically porous metalâ€organic frameworks: synthetic strategies and applications. <i>National Science Review</i> , 2020, 7, 1743-1758.	9.5	161
18	Seed-mediated evolution of hierarchical metalâ€organic framework quaternary superstructures. <i>Chemical Science</i> , 2020, 11, 1643-1648.	7.4	36

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19	Rapid desolvation-triggered domino lattice rearrangement in a metal-organic framework. <i>Nature Chemistry</i> , 2020, 12, 90-97.	13.6	93
20	Strategies for Pore Engineering in Zirconium Metal-Organic Frameworks. <i>CheM</i> , 2020, 6, 2902-2923.	11.7	91
21	Destruction of Metal-Organic Frameworks: Positive and Negative Aspects of Stability and Lability. <i>Chemical Reviews</i> , 2020, 120, 13087-13133.	47.7	294
22	Hierarchy in Metal-Organic Frameworks. <i>ACS Central Science</i> , 2020, 6, 359-367.	11.3	130
23	Rapid Generation of Hierarchically Porous Metal-Organic Frameworks through Laser Photolysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11349-11354.	13.8	54
24	Rapid Generation of Hierarchically Porous Metal-Organic Frameworks through Laser Photolysis. <i>Angewandte Chemie</i> , 2020, 132, 11445-11450.	2.0	16
25	Engineering a homochiral metal-organic framework based on an amino acid for enantioselective separation. <i>Chemical Communications</i> , 2020, 56, 9016-9019.	4.1	29
26	Porous Crystalline Spherulite Superstructures. <i>CheM</i> , 2020, 6, 460-471.	11.7	28
27	Catalytic Porphyrin Framework Compounds. <i>Trends in Chemistry</i> , 2020, 2, 555-568.	8.5	94
28	Modular Total Synthesis in Reticular Chemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 3069-3076.	13.7	42
29	The chemistry of multi-component and hierarchical framework compounds. <i>Chemical Society Reviews</i> , 2019, 48, 4823-4853.	38.1	196
30	Molecular Pivot-Hinge Installation to Evolve Topology in Rare-Earth Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2019, 131, 16835-16843.	2.0	4
31	Cation-induced chirality in a bifunctional metal-organic framework for quantitative enantioselective recognition. <i>Nature Communications</i> , 2019, 10, 5117.	12.8	150
32	Uncovering Structural Opportunities for Zirconium Metal-Organic Frameworks via Linker Desymmetrization. <i>Advanced Science</i> , 2019, 6, 1901855.	11.2	19
33	Molecular Pivot-Hinge Installation to Evolve Topology in Rare-Earth Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16682-16690.	13.8	45
34	Imprinted Apportionment of Functional Groups in Multivariate Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 14524-14529.	13.7	35
35	Controllable Synthesis of Metal-Organic Frameworks and Their Hierarchical Assemblies. <i>Matter</i> , 2019, 1, 801-824.	10.0	187
36	A Gadolinium(III) Zeolite-like Metal-Organic-Framework-Based Magnetic Resonance Thermometer. <i>CheM</i> , 2019, 5, 1609-1618.	11.7	38

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37	Porphyric Metal-Organic Frameworks Installed with Brønsted Acid Sites for Efficient Tandem Semisynthesis of Artemisinin. <i>ACS Catalysis</i> , 2019, 9, 5111-5118.	11.2	96
38	Topology Exploration in Highly Connected Rare-Earth Metal-Organic Frameworks via Continuous Hindrance Control. <i>Journal of the American Chemical Society</i> , 2019, 141, 6967-6975.	13.7	125
39	Metal-Organic Frameworks: Uncovering Structural Opportunities for Zirconium Metal-Organic Frameworks via Linker Desymmetrization (<i>Adv. Sci.</i> 23/2019). <i>Advanced Science</i> , 2019, 6, 1970141.	11.2	0
40	Uncovering Two Principles of Multivariate Hierarchical Metal-Organic Framework Synthesis via Retrosynthetic Design. <i>ACS Central Science</i> , 2018, 4, 1719-1726.	11.3	79
41	Bottom-Up Assembly of a Highly Efficient Metal-Organic Framework for Cooperative Catalysis. <i>Inorganic Chemistry</i> , 2018, 57, 13912-13919.	4.0	22
42	A Ferric Semiquinoid Single-Chain Magnet via Thermally-Switchable Metal-Ligand Electron Transfer. <i>Journal of the American Chemical Society</i> , 2018, 140, 6550-6553.	13.7	78
43	Bifunctionalized Metal-Organic Frameworks for Pore-Size-Dependent Enantioselective Sensing. <i>Angewandte Chemie</i> , 0, , .	2.0	1