

Hao Lyu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

975
citations

12
h-index

20
g-index

20
ext. papers

1,548
ext. citations

14
avg, IF

4.82
L-index

#	Paper	IF	Citations
15	Carbon Dioxide Capture Chemistry of Amino Acid Functionalized Metal-Organic Frameworks in Humid Flue Gas.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	15
14	Evolution of water structures in metal-organic frameworks for improved atmospheric water harvesting. <i>Science</i> , 2021 , 374, 454-459	33.3	47
13	25 Jahre retikuläre Chemie. <i>Angewandte Chemie</i> , 2021 , 133, 24142	3.6	0
12	Docking of CuI and AgI in Metal-Organic Frameworks for Adsorption and Separation of Xenon. <i>Angewandte Chemie</i> , 2021 , 133, 3459-3463	3.6	5
11	Docking of Cu and Ag in Metal-Organic Frameworks for Adsorption and Separation of Xenon. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3417-3421	16.4	26
10	Innenrücktitelbild: Docking of CuI and AgI in Metal-Organic Frameworks for Adsorption and Separation of Xenon (Angew. Chem. 7/2021). <i>Angewandte Chemie</i> , 2021 , 133, 3867-3867	3.6	
9	25 Years of Reticular Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23946-23974	16.4	50
8	Digital Reticular Chemistry. <i>CheM</i> , 2020 , 6, 2219-2241	16.2	31
7	Ester-Linked Crystalline Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14450-14454	16.4	35
6	Rapid Cycling and Exceptional Yield in a Metal-Organic Framework Water Harvester. <i>ACS Central Science</i> , 2019 , 5, 1699-1706	16.8	150
5	Porous Crystalline Olefin-Linked Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6848-6852	16.4	185
4	A Metal-Organic Framework of Organic Vertices and Polyoxometalate Linkers as a Solid-State Electrolyte. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17522-17526	16.4	124
3	3D Covalent Organic Frameworks of Interlocking 1D Square Ribbons. <i>Journal of the American Chemical Society</i> , 2019 , 141, 677-683	16.4	54
2	A Synthetic Route for Crystals of Woven Structures, Uniform Nanocrystals, and Thin Films of Imine Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13166-13172	16.4	131
1	A polycationic covalent organic framework: a robust adsorbent for anionic dye pollutants. <i>Polymer Chemistry</i> , 2016 , 7, 3392-3397	4.9	111