

# Hao Lyu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1145705/publications.pdf>

Version: 2024-02-01

16  
papers

2,353  
citations

686830

13  
h-index

940134

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Cycling and Exceptional Yield in a Metal-Organic Framework Water Harvester. ACS Central Science, 2019, 5, 1699-1706.	5.3	340
2	Porous Crystalline Olefin-Linked Covalent Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 6848-6852.	6.6	333
3	Evolution of water structures in metal-organic frameworks for improved atmospheric water harvesting. Science, 2021, 374, 454-459.	6.0	281
4	A Metal-Organic Framework of Organic Vertices and Polyoxometalate Linkers as a Solid-State Electrolyte. Journal of the American Chemical Society, 2019, 141, 17522-17526.	6.6	216
5	25 Years of Reticular Chemistry. Angewandte Chemie - International Edition, 2021, 60, 23946-23974.	7.2	204
6	A Synthetic Route for Crystals of Woven Structures, Uniform Nanocrystals, and Thin Films of Imine Covalent Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 13166-13172.	6.6	193
7	A polycationic covalent organic framework: a robust adsorbent for anionic dye pollutants. Polymer Chemistry, 2016, 7, 3392-3397.	1.9	159
8	Carbon Dioxide Capture Chemistry of Amino Acid Functionalized Metal-Organic Frameworks in Humid Flue Gas. Journal of the American Chemical Society, 2022, 144, 2387-2396.	6.6	122
9	Covalent Organic Frameworks for Carbon Dioxide Capture from Air. Journal of the American Chemical Society, 2022, 144, 12989-12995.	6.6	118
10	Docking of Cu <sup>I</sup> and Ag <sup>I</sup> in Metal-Organic Frameworks for Adsorption and Separation of Xenon. Angewandte Chemie - International Edition, 2021, 60, 3417-3421.	7.2	98
11	Digital Reticular Chemistry. Chem, 2020, 6, 2219-2241.	5.8	96
12	3D Covalent Organic Frameworks of Interlocking 1D Square Ribbons. Journal of the American Chemical Society, 2019, 141, 677-683.	6.6	94
13	Ester-Linked Crystalline Covalent Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 14450-14454.	6.6	80
14	Docking of Cu <sup>I</sup> and Ag <sup>I</sup> in Metal-Organic Frameworks for Adsorption and Separation of Xenon. Angewandte Chemie, 2021, 133, 3459-3463.	1.6	12
15	25 Jahre retikuläre Chemie. Angewandte Chemie, 2021, 133, 24142.	1.6	6
16	Innenrücktitelbild: Docking of Cu <sup>I</sup> and Ag <sup>I</sup> in Metal-Organic Frameworks for Adsorption and Separation of Xenon (Angew. Chem. 7/2021). Angewandte Chemie, 2021, 133, 3867-3867.	1.6	0