# Zhe Ji

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 20 papers | 1,004 citations | 11 h-index | 23 g-index |
| 23 ext. papers | 1,436 ext. citations | 17.1 avg, IF | 5.19 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 20 | Single Crystals Heterogeneity Impacts the Intrinsic and Extrinsic Properties of Metal-Organic Frameworks. *Advanced Materials*, **2021**, e2104530 | 24 | 2 |
| 19 | Testing the Limitations of MD-Based Local Electric Fields Using the Vibrational Stark Effect in Solution: Penicillin G as a Test Case. *Journal of Physical Chemistry B*, **2021**, 125, 4415-4427 | 3.4 | 3 |
| 18 | 25 Jahre retikulre Chemie. *Angewandte Chemie*, **2021**, 133, 24142 | 3.6 | 0 |
| 17 | Linker Exchange via Migration along the Backbone in Metal-Organic Frameworks. *Journal of the American Chemical Society*, **2021**, 143, 10541-10546 | 16.4 | 4 |
| 16 | 25 Years of Reticular Chemistry. *Angewandte Chemie - International Edition*, **2021**, 60, 23946-23974 | 16.4 | 50 |
| 15 | From Molecules to Frameworks to Superframework Crystals. *Advanced Materials*, **2021**, 33, e2103808 | 24 | 1 |
| 14 | Pore Chemistry of Metal Organic Frameworks. *Advanced Functional Materials*, **2020**, 30, 2000238 | 15.6 | 110 |
| 13 | Individually Encapsulated Frame-in-Frame Structure **2020**, 2, 685-690 | | 3 |
| 12 | Circumventing Wear and Tear of Adaptive Porous Materials. *Advanced Functional Materials*, **2020**, 30, 1908547 | 15.6 | 10 |
| 11 | Digital Reticular Chemistry. *CheM*, **2020**, 6, 2219-2241 | 16.2 | 31 |
| 10 | Sequencing of metals in multivariate metal-organic frameworks. *Science*, **2020**, 369, 674-680 | 33.3 | 76 |
| 9 | Ester-Linked Crystalline Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2020**, 142, 14450-14454 | 16.4 | 35 |
| 8 | Mehr als nur ein Netzwerk: Strukturierung retikulrer Materialien im Nano-, Meso- und Volumenbereich. *Angewandte Chemie*, **2020**, 132, 22534-22556 | 3.6 | 5 |
| 7 | Beyond Frameworks: Structuring Reticular Materials across Nano-, Meso-, and Bulk Regimes. *Angewandte Chemie - International Edition*, **2020**, 59, 22350-22370 | 16.4 | 27 |
| 6 | Parallel Worlds Meet at Designed Interfaces with a Vast Number of Potential Frameworks. *Biochemistry*, **2019**, 58, 3823-3824 | 3.2 | |
| 5 | 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 | 16.4 | 124 |
| 4 | Chemical diversity in a metal-organic framework revealed by fluorescence lifetime imaging. *Nature Communications*, **2018**, 9, 1647 | 17.4 | 80 |

# List of Publications

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|---|---|---|---|
| 3 | Cytoprotective metal-organic frameworks for anaerobic bacteria. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 10582-10587 | 11.5 | 100 |
| 2 | Linking Molybdenum-Sulfur Clusters for Electrocatalytic Hydrogen Evolution. *Journal of the American Chemical Society*, **2018**, 140, 13618-13622 | 16.4 | 57 |
| 1 | The role of metal-organic frameworks in a carbon-neutral energy cycle. *Nature Energy*, **2016**, 1, | 62.3 | 284 |