

Yuanyuan Zhang

List of Publications by Citations

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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.

29

papers

2,616

citations

21

h-index

33

g-index

33

ext. papers

3,190

ext. citations

11.4

avg, IF

5.25

L-index

#	Paper	IF	Citations
29	Hybridization of MOFs and polymers. <i>Chemical Society Reviews</i> , 2017, 46, 3108-3133	58.5	515
28	Preparation of Nanofibrous Metal-Organic Framework Filters for Efficient Air Pollution Control. <i>Journal of the American Chemical Society</i> , 2016, 138, 5785-8	16.4	417
27	Challenges and recent advances in MOF-polymer composite membranes for gas separation. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 896-909	6.8	205
26	Photoinduced postsynthetic polymerization of a metal-organic framework toward a flexible stand-alone membrane. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4259-63	16.4	191
25	Three-Dimensional Anionic Cyclodextrin-Based Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16313-16317	16.4	183
24	Zn(2+)-Triggered Drug Release from Biocompatible Zirconium MOFs Equipped with Supramolecular Gates. <i>Small</i> , 2015, 11, 3807-13	11	147
23	Fast Ion Transport Pathway Provided by Polyethylene Glycol Confined in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 1923-1927	16.4	138
22	A Flexible Metal-Organic Framework with 4-Connected Zr Nodes. <i>Journal of the American Chemical Society</i> , 2018, 140, 11179-11183	16.4	115
21	The impact of the particle size of a metal-organic framework for sulfur storage in LiS batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8272-8275	13	98
20	Topology and porosity control of metal-organic frameworks through linker functionalization. <i>Chemical Science</i> , 2019, 10, 1186-1192	9.4	90
19	Vanadium Catalyst on Isostructural Transition Metal, Lanthanide, and Actinide Based Metal-Organic Frameworks for Alcohol Oxidation. <i>Journal of the American Chemical Society</i> , 2019, 141, 8306-8314	16.4	81
18	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1803-1915	7.8	70
17	Photoinduced Postsynthetic Polymerization of a Metal-Organic Framework toward a Flexible Stand-Alone Membrane. <i>Angewandte Chemie</i> , 2015, 127, 4333-4337	3.6	50
16	25 Years of Reticular Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23946-23974	16.4	50
15	Three-Dimensional Anionic Cyclodextrin-Based Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2017, 129, 16531-16535	3.6	42
14	Stable Aluminum Metal-Organic Frameworks (Al-MOFs) for Balanced CO and Water Selectivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3160-3163	9.5	35
13	Release of non-methane organic compounds during simulated landfilling of aerobically pretreated municipal solid waste. <i>Journal of Environmental Management</i> , 2012, 101, 54-8	7.9	35

LIST OF PUBLICATIONS

12	Fabrication of Copper Azide Film through Metal-Organic Framework for Micro-Initiator Applications. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8081-8088	9.5	29
11	A Hydrolytically Stable Vanadium(IV) Metal-Organic Framework with Photocatalytic Bacteriostatic Activity for Autonomous Indoor Humidity Control. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3905-3909	16.4	26
10	Electropolymerization of Molecular-Sieving Polythiophene Membranes for H Separation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8768-8772	16.4	23
9	A Flexible Interpenetrated Zirconium-Based Metal-Organic Framework with High Affinity toward Ammonia. <i>ChemSusChem</i> , 2020 , 13, 1710-1714	8.3	21
8	Effect of organic compositions of aerobically pretreated municipal solid waste on non-methane organic compound emissions during anaerobic degradation. <i>Waste Management</i> , 2012 , 32, 1116-21	8.6	16
7	Electropolymerization of Molecular-Sieving Polythiophene Membranes for H ₂ Separation. <i>Angewandte Chemie</i> , 2019 , 131, 8860-8864	3.6	13
6	Cross-linked porous polyurethane materials featuring dodecaborate clusters as inorganic polyol equivalents. <i>Chemical Communications</i> , 2019 , 55, 8852-8855	5.8	10
5	Drug Delivery: Zn ²⁺ -Triggered Drug Release from Biocompatible Zirconium MOFs Equipped with Supramolecular Gates (Small 31/2015). <i>Small</i> , 2015 , 11, 3806-3806	11	5
4	A Hydrolytically Stable Vanadium(IV) Metal-Organic Framework with Photocatalytic Bacteriostatic Activity for Autonomous Indoor Humidity Control. <i>Angewandte Chemie</i> , 2020 , 132, 3933-3937	3.6	4
3	25 Jahre retikuläre Chemie. <i>Angewandte Chemie</i> , 2021 , 133, 24142	3.6	0
2	Titelbild: Photoinduced Postsynthetic Polymerization of a Metal-Organic Framework toward a Flexible Stand-Alone Membrane (Angew. Chem. 14/2015). <i>Angewandte Chemie</i> , 2015 , 127, 4199-4199	3.6	
1	Innentitelbild: Electropolymerization of Molecular-Sieving Polythiophene Membranes for H ₂ Separation (Angew. Chem. 26/2019). <i>Angewandte Chemie</i> , 2019 , 131, 9039-9039	3.6	