

# Yuwei Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10072216/publications.pdf>

Version: 2024-02-01

23  
papers

1,385  
citations

687363

13  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1789  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 2D azine-linked covalent organic framework for gas storage applications. <i>Chemical Communications</i> , 2014, 50, 13825-13828.	4.1	351
2	A robust and luminescent covalent organic framework as a highly sensitive and selective sensor for the detection of Cu <sup>2+</sup> ions. <i>Chemical Communications</i> , 2016, 52, 6613-6616.	4.1	326
3	Gas uptake, molecular sensing and organocatalytic performances of a multifunctional carbazole-based conjugated microporous polymer. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13422-13430.	10.3	138
4	Covalent organic frameworks as pH responsive signaling scaffolds. <i>Chemical Communications</i> , 2016, 52, 11088-11091.	4.1	135
5	Enhanced carbon dioxide uptake by metalloporphyrin-based microporous covalent triazine framework. <i>Polymer Chemistry</i> , 2013, 4, 2445.	3.9	108
6	A porphyrin-linked conjugated microporous polymer with selective carbon dioxide adsorption and heterogeneous organocatalytic performances. <i>RSC Advances</i> , 2014, 4, 6447.	3.6	61
7	Metalloporphyrin-Based Hypercrosslinked Polymers Catalyze Hetero-Diels-Alder Reactions of Unactivated Aldehydes with Simple Dienes: A Fascinating Strategy for the Construction of Heterogeneous Catalysts. <i>Chemistry - A European Journal</i> , 2016, 22, 9919-9922.	3.3	52
8	Constructing cationic covalent organic frameworks by a post-function process for an exceptional iodine capture via electrostatic interactions. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5463-5470.	5.9	39
9	Triarylboron-based fluorescent conjugated microporous polymers. <i>RSC Advances</i> , 2013, 3, 21267.	3.6	32
10	Light-emitting conjugated microporous polymers based on an excited-state intramolecular proton transfer strategy and selective switch-off sensing of anions. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3040-3046.	5.9	22
11	Intrinsic proton conduction in 2D sulfonated covalent organic frameworks through a post-synthetic strategy. <i>CrystEngComm</i> , 2021, 23, 6234-6238.	2.6	21
12	Identification of unique key genes and miRNAs in latent tuberculosis infection by network analysis. <i>Molecular Immunology</i> , 2019, 112, 103-114.	2.2	15
13	Metallosalen-based microporous organic polymers: synthesis and carbon dioxide uptake. <i>RSC Advances</i> , 2014, 4, 37767-37772.	3.6	14
14	Petrophysical characteristics and log identification of lacustrine shale lithofacies: A case study of the first member of Qingshankou Formation in the Songliao Basin, Northeast China. <i>Interpretation</i> , 2020, 8, SL45-SL57.	1.1	14
15	Sulfonated Triazine-Based Porous Organic Polymers for Excellent Proton Conductivity. <i>ACS Applied Polymer Materials</i> , 2020, 2, 3267-3273.	4.4	13
16	Light-Emitting Conjugated Organic Polymer as an Efficient Fluorescent Probe for Cu <sup>2+</sup> Ions Detection and Cell Imaging. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100469.	3.9	13
17	Immobilization of N and Si as center species toward microporous organic polymers for CO <sub>2</sub> adsorption via dipole-quadrupole interaction. <i>Polymer</i> , 2021, 212, 123307.	3.8	9
18	Hypercrosslinking chiral Brønsted acids into porous organic polymers for efficient heterogeneous asymmetric organosynthesis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25369-25373.	10.3	9

#	ARTICLE	IF	CITATIONS
19	Synthesis, structure, and luminescence of rhenium(I) complexes with substituted bipyridines. Journal of Coordination Chemistry, 2012, 65, 1266-1277.	2.2	5
20	Conjugated microporous polymers as an ideal platform for tunable emission via $\pi$ -conjugation. New Journal of Chemistry, 0, , .	2.8	3
21	Effective carbon dioxide uptake in a tailored covalent organic framework with pore size and active atom regulation. New Journal of Chemistry, 2022, 46, 4555-4557.	2.8	3
22	Pyridine-based conjugated microporous polymers as adsorbents for CO <sub>2</sub> uptake <i>via</i> weak supramolecular interaction. New Journal of Chemistry, 2022, 46, 6394-6397.	2.8	1
23	Robust and emissive covalent organic frameworks formed <i>via</i> intramolecular hydrogen bond interaction. CrystEngComm, 2022, 24, 4496-4499.	2.6	1