

Yingxiang Ye

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.

56

papers

2,236

citations

27

h-index

46

g-index

59

ext. papers

3,211

ext. citations

8.8

avg, IF

5.36

L-index

#	Paper	IF	Citations
56	Maximizing acetylene packing density for highly efficient C ₂ H ₂ /CO ₂ separation through immobilization of amine sites within a prototype MOF. <i>Chemical Engineering Journal</i> , 2022 , 431, 134184	14.7	7
55	Microporous polycarbazole frameworks with large conjugated π -systems for cyclohexane separation from cyclohexane-containing mixtures. <i>New Journal of Chemistry</i> , 2021 , 45, 22437-22443	3.6	0
54	A Fluorescent Metal-Organic Framework for Food Real-Time Visual Monitoring. <i>Advanced Materials</i> , 2021 , 33, e2008020	24	31
53	High proton conductivity in metalloring-cluster based metal-organic nanotubes. <i>Nano Research</i> , 2021 , 14, 387-391	10	10
52	Ethylene/ethane separation in a stable hydrogen-bonded organic framework through a gating mechanism. <i>Nature Chemistry</i> , 2021 , 13, 933-939	17.6	45
51	Second-Sphere Interaction Promoted Turn-On Fluorescence for Selective Sensing of Organic Amines in a Tb(III)-based Macrocyclic Framework. <i>Angewandte Chemie</i> , 2021 , 133, 23898	3.6	1
50	Second-Sphere Interaction Promoted Turn-On Fluorescence for Selective Sensing of Organic Amines in a Tb(III)-based Macrocyclic Framework. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23705-23712	16.4	12
49	Highly Selective Adsorption of Carbon Dioxide over Acetylene in an Ultramicroporous Metal-Organic Framework. <i>Advanced Materials</i> , 2021 , 33, e2105880	24	14
48	Metal-Organic Framework Based Hydrogen-Bonding Nanotrap for Efficient Acetylene Storage and Separation.. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	25
47	Isostructural MOFs with Higher Proton Conductivity for Improved Oxygen Evolution Reaction Performance. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16367-16375	9.5	16
46	Metal-Organic Frameworks as a Versatile Platform for Proton Conductors. <i>Advanced Materials</i> , 2020 , 32, e1907090	24	118
45	Inserting V-Shaped Bidentate Partition Agent into MIL-88-Type Framework for Acetylene Separation from Acetylene-Containing Mixtures. <i>Crystal Growth and Design</i> , 2020 , 20, 2099-2105	3.5	7
44	Solvent-Assisted Modification to Enhance Proton Conductivity and Water Stability in Metal Phosphonates. <i>Inorganic Chemistry</i> , 2020 , 59, 3518-3522	5.1	20
43	A microporous metal-organic framework with basic sites for efficient C ₂ H ₂ /CO ₂ separation. <i>Journal of Solid State Chemistry</i> , 2020 , 284, 121209	3.3	10
42	Integrating the Pillared-Layer Strategy and Pore-Space Partition Method to Construct Multicomponent MOFs for CH ₄ /CO ₂ Separation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9258-9266	16.4	64
41	A metal-organic framework with double interpenetrated frameworks for effective C ₂ H ₂ /CO ₂ separation. <i>Inorganic Chemistry Communication</i> , 2020 , 112, 107721	3.1	3
40	Isorecticular Microporous Metal-Organic Frameworks for Carbon Dioxide Capture. <i>Inorganic Chemistry</i> , 2020 , 59, 17143-17148	5.1	11

39	A Robust Mixed-Lanthanide PolyMOF Membrane for Ratiometric Temperature Sensing. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21752-21757	16.4	48
38	A Robust Mixed-Lanthanide PolyMOF Membrane for Ratiometric Temperature Sensing. <i>Angewandte Chemie</i> , 2020 , 132, 21936-21941	3.6	15
37	A microporous metal-organic framework with naphthalene diimide groups for high methane storage. <i>Dalton Transactions</i> , 2020 , 49, 3658-3661	4.3	21
36	Microporous Copper Isophthalate Framework of mot Topology for C ₂ H ₂ /CO ₂ Separation. <i>Crystal Growth and Design</i> , 2019 , 19, 5829-5835	3.5	27
35	A microporous metal-organic framework of sql topology for C ₂ H ₂ /CO ₂ separation. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118938	2.7	24
34	Metal-Organic Framework with Rich Accessible Nitrogen Sites for Highly Efficient CO Capture and Separation. <i>Inorganic Chemistry</i> , 2019 , 58, 7754-7759	5.1	31
33	Enhancement of Intrinsic Proton Conductivity and Aniline Sensitivity by Introducing Dye Molecules into the MOF Channel. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16490-16495	9.5	43
32	Pore Space Partition within a Metal-Organic Framework for Highly Efficient CH/CO Separation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4130-4136	16.4	190
31	Simultaneous implementation of resistive switching and rectifying effects in a metal-organic framework with switched hydrogen bond pathway. <i>Science Advances</i> , 2019 , 5, eaaw4515	14.3	54
30	Loading Photochromic Molecules into a Luminescent Metal-Organic Framework for Information Anticounterfeiting. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18025-18031	16.4	98
29	Loading Photochromic Molecules into a Luminescent Metal-Organic Framework for Information Anticounterfeiting. <i>Angewandte Chemie</i> , 2019 , 131, 18193-18199	3.6	30
28	Construction of a thiourea-based metal-organic framework with open Ag ⁺ sites for the separation of propene/propane mixtures. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 25567-25572	13	17
27	Metallo Hydrogen-Bonded Organic Frameworks (MHOFs) as New Class of Crystalline Materials for Protonic Conduction. <i>Chemistry - A European Journal</i> , 2019 , 25, 1691-1695	4.8	47
26	MOF-derived binary mixed carbon/metal oxide porous materials for constructing simultaneous determination of hydroquinone and catechol sensor. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 81-89	2.6	32
25	Sulfonated periodic-mesoporous-organosilicas column for selective separation of C ₂ H ₂ /CH ₄ mixtures. <i>Journal of Solid State Chemistry</i> , 2018 , 264, 113-118	3.3	9
24	Facile synthesis of oxidized activated carbons for high-selectivity and low-enthalpy CO ₂ capture from flue gas. <i>New Journal of Chemistry</i> , 2018 , 42, 4495-4500	3.6	3
23	Mixed-Valence Cobalt(II/III) Metal-Organic Framework for Ammonia Sensing with Naked-Eye Color Switching. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27465-27471	9.5	39
22	Loading AcidBase Pairs into Periodic Mesoporous Organosilica for High Anhydrous Proton Conductivity over a Wide Operating Temperature Window. <i>ACS Applied Energy Materials</i> , 2018 , 1, 5068-5074	6.1	23

21	Additive-Induced Supramolecular Isomerism and Enhancement of Robustness in Co(II)-Based MOFs for Efficiently Trapping Acetylene from Acetylene-Containing Mixtures. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 30912-30918	9.5	50
20	Enhanced Intrinsic Proton Conductivity of Metal-Organic Frameworks by Tuning the Degree of Interpenetration. <i>Crystal Growth and Design</i> , 2018 , 18, 3724-3728	3.5	50
19	Microporous metal-organic frameworks with open metal sites and Lewis acidic pore surfaces for recovering ethylene from polyethylene off-gas. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20822-20828	13	20
18	Photochromic naphthalene diimide Cd-MOFs based on different second dicarboxylic acid ligands. <i>CrystEngComm</i> , 2018 , 20, 7567-7573	3.3	30
17	Robustness, Selective Gas Separation, and Nitrobenzene Sensing on Two Isomers of Cadmium Metal-Organic Frameworks Containing Various Metal-O-Metal Chains. <i>Inorganic Chemistry</i> , 2018 , 57, 12961-12968	5.1	56
16	Thermal Conversion of MOF@MOF: Synthesis of an N-Doped Carbon Material with Excellent ORR Performance. <i>ChemPlusChem</i> , 2018 , 83, 1044-1051	2.8	14
15	An antiferromagnetic metalloring pyrazolate (Pz) framework with [Cu ₁₂ (μ-OH) ₁₂ (Pz) ₁₂] nodes for separation of C ₂ H ₂ /CH ₄ mixture. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 19681-19688	13	14
14	A naphthalene diimide-based MOF with mog net featuring photochromic behaviors and high stability. <i>Inorganic Chemistry Communication</i> , 2018 , 93, 105-109	3.1	17
13	Highly Selective Adsorption of C ₂ /C ₁ Mixtures and Solvent-Dependent Thermochromic Properties in Metal-Organic Frameworks Containing Infinite Copper-Halogen Chains. <i>Crystal Growth and Design</i> , 2017 , 17, 2081-2089	3.5	41
12	Rationally tuning host-guest interactions to free hydroxide ions within intertrimerically cuprophilic metal-organic frameworks for high OH ⁻ conductivity. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 7816-7824	13	49
11	A Cd(II) metal-organic framework based on semi-rigid ligand 3,5-(4-carboxybenzyloxy) benzoic acid with high stability by intramolecular hydrogen-bonding. <i>Inorganic Chemistry Communication</i> , 2017 , 80, 49-52	3.1	9
10	Straightforward Loading of Imidazole Molecules into Metal-Organic Framework for High Proton Conduction. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15604-15607	16.4	219
9	High proton conductivity in an unprecedented anionic metalloring organic framework (MROF) containing novel metalloring clusters with the largest diameter. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18742-18746	13	34
8	Microporous Metal-Organic Framework Stabilized by Balanced Multiple Host-Couteranion Hydrogen-Bonding Interactions for High-Density CO ₂ Capture at Ambient Conditions. <i>Inorganic Chemistry</i> , 2016 , 55, 292-9	5.1	77
7	Metal-organic frameworks with a large breathing effect to host hydroxyl compounds for high anhydrous proton conductivity over a wide temperature range from subzero to 125 °C. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 4062-4070	13	83
6	40-Fold Enhanced Intrinsic Proton Conductivity in Coordination Polymers with the Same Proton-Conducting Pathway by Tuning Metal Cation Nodes. <i>Inorganic Chemistry</i> , 2016 , 55, 983-6	5.1	56
5	A Hierarchically Porous Metal-Organic Framework from Semirigid Ligand for Gas Adsorption. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 215-219	4.9	17
4	A 3D-diamond-like metal-organic framework: Crystal structure, nonlinear optical effect and high thermal stability. <i>Inorganic Chemistry Communication</i> , 2015 , 60, 19-22	3.1	8

3	Cobalt nitrate framework armored with graphene oxide exhibiting improved thermal stability and selectivity for biogas decarburization. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 593-599	13	54
2	High anhydrous proton conductivity of imidazole-loaded mesoporous polyimides over a wide range from subzero to moderate temperature. <i>Journal of the American Chemical Society</i> , 2015 , 137, 913-8	16.4	185
1	An ultramicroporous metal-organic framework with record high selectivity for inverse CO ₂ /C ₂ H ₂ separation. <i>Bulletin of the Chemical Society of Japan</i> ,	5.1	2