

Heping

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluorine-functionalized Porous Organic Polymers for Durable F-gas Capture from Semiconductor Etching Exhaust. <i>Macromolecules</i> , 2022, 55, 1435-1444.	4.8	11
2	HF Resistant Porous Aromatic Frameworks for Electronic Special Gases Separation. <i>Langmuir</i> , 2022, 38, 8667-8676.	3.5	9
3	Aliphatic amine decorating metal-organic framework for durable SO ₂ capture from flue gas. <i>Separation and Purification Technology</i> , 2021, 259, 118164.	7.9	34
4	In Situ-Doped Superacid in the Covalent Triazine Framework Membrane for Anhydrous Proton Conduction in a Wide Temperature Range from Subzero to Elevated Temperature. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13604-13612.	8.0	21
5	Graphene modified porous organic polymer supported phosphotungstic acid catalyst for alkylation desulfurization. <i>Fuel</i> , 2021, 293, 120438.	6.4	14
6	Covalent organic frameworks with immobilized anions to liberate lithium ions: Quasi-solid electrolytes with enhanced rate capabilities. <i>Electrochimica Acta</i> , 2021, 389, 138585.	5.2	9
7	Tuning surface inductive electric field in microporous organic polymers for Xe/Kr separation. <i>Chemical Engineering Journal</i> , 2021, 426, 131271.	12.7	13
8	Zwitterionic Covalent Organic Frameworks: Attractive Porous Host for Gas Separation and Anhydrous Proton Conduction. <i>ACS Nano</i> , 2021, 15, 19743-19755.	14.6	78
9	Graphdiyne-like Porous Organic Framework as a Solid-Phase Sulfur Conversion Cathodic Host for Stable Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59983-59992.	8.0	14
10	Two-Dimensional Metal-Polyphthalocyanine Conjugated Porous Frameworks as Promising Optical Limiting Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46565-46570.	8.0	33
11	Adsorptive Separation of Aromatic Compounds from Alkanes by π - π Interactions in a Carbazole-Based Conjugated Microporous Polymer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56385-56392.	8.0	30
12	Nonlinear optical properties of polyphthalocyanine porous organic frameworks. <i>New Journal of Chemistry</i> , 2020, 44, 15345-15349.	2.8	12
13	Tuning proton dissociation energy in proton carrier doped 2D covalent organic frameworks for anhydrous proton conduction at elevated temperature. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13702-13709.	10.3	61
14	Inhibition effects of Pb species on the V ₂ O ₅ -MoO ₃ /TiO ₂ catalyst for selective catalytic reduction of NO with NH ₃ : A DFT supported experimental study. <i>Applied Surface Science</i> , 2020, 525, 146582.	6.1	32
15	High-Efficiency Separation of Aromatic Sulfide from Liquid Hydrocarbon Fuel in Conjugated Porous Organic Framework with Polycarbazole Unit. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40970-40979.	8.0	17
16	A two-dimensional cationic covalent organic framework membrane for selective molecular sieving. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13331-13339.	10.3	241
17	An RGH-MOF as a naked eye colorimetric fluorescent sensor for picric acid recognition. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4661-4669.	5.5	109
18	A nanoscaled lanthanide metal-organic framework as a colorimetric fluorescence sensor for dipicolinic acid based on modulating energy transfer. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7294-7301.	5.5	131

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19	Synthesis and Catalytic Properties of New Metalloporphyrin-Based Porous Organic Framework Materials with Single and Accessible Sites. <i>ChemCatChem</i> , 2016, 8, 2393-2400.	3.7	26
20	Rapid and facile ratiometric detection of an anthrax biomarker by regulating energy transfer process in bio-metal-organic framework. <i>Biosensors and Bioelectronics</i> , 2016, 85, 287-293.	10.1	163
21	Cationic Covalent Organic Frameworks: A Simple Platform of Anionic Exchange for Porosity Tuning and Proton Conduction. <i>Journal of the American Chemical Society</i> , 2016, 138, 5897-5903.	13.7	613
22	Combining Ruthenium(II) Complexes with Metal-Organic Frameworks to Realize Effective Two-Photon Absorption for Singlet Oxygen Generation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21465-21471.	8.0	78
23	Metal-Organic Frameworks Modulated by Doping Er ³⁺ for Up-Conversion Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17389-17394.	8.0	41
24	Ratiometric fluorescent nanosensors for selective detecting cysteine with upconversion luminescence. <i>Biosensors and Bioelectronics</i> , 2016, 77, 124-130.	10.1	69
25	Assembling of a functional cyclodextrin-decorated upconversion luminescence nanoplatfrom for cysteine-sensing. <i>Chemical Communications</i> , 2015, 51, 14054-14056.	4.1	33
26	Self-Supported Fibrous Porous Aromatic Membranes for Efficient CO ₂ /N ₂ Separations. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15561-15569.	8.0	75
27	Targeted synthesis of core-shell porous aromatic frameworks for selective detection of nitro aromatic explosives via fluorescence two-dimensional response. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19346-19352.	10.3	69
28	Post-metalation of porous aromatic frameworks for highly efficient carbon capture from CO ₂ + N ₂ and CH ₄ + N ₂ mixtures. <i>Polymer Chemistry</i> , 2014, 5, 144-152.	3.9	101
29	Simple fabrication of an ordered nitrogen-doped mesoporous carbon with resorcinol-melamine-formaldehyde resin. <i>Microporous and Mesoporous Materials</i> , 2014, 190, 117-127.	4.4	113
30	Highly Selective and Permeable Porous Organic Framework Membrane for CO ₂ Capture. <i>Advanced Materials</i> , 2014, 26, 3644-3648.	21.0	144
31	A facile approach to prepare porphyrinic porous aromatic frameworks for small hydrocarbon separation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14536-14541.	10.3	82
32	A 3D microporous covalent organic framework with exceedingly high C ₃ H ₈ /CH ₄ and C ₂ hydrocarbon/CH ₄ selectivity. <i>Chemical Communications</i> , 2013, 49, 9773.	4.1	161
33	Novel lithium-loaded porous aromatic framework for efficient CO ₂ and H ₂ uptake. <i>Journal of Materials Chemistry A</i> , 2013, 1, 752-758.	10.3	88
34	Trigonal prism or octahedron: the conformational change of a dendritic six-node ligand in MOFs. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10112.	10.3	20
35	Construction and sorption properties of pyrene-based porous aromatic frameworks. <i>Microporous and Mesoporous Materials</i> , 2013, 173, 92-98.	4.4	60
36	Novel Porphyrinic Porous Organic Frameworks for High Performance Separation of Small Hydrocarbons. <i>Scientific Reports</i> , 2013, 3, 2611.	3.3	61

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37	Construction and Characterization of Pyrene-alkyne Based Porous Frameworks. <i>Acta Chimica Sinica</i> , 2013, 71, 1598.	1.4	1
38	Synthesis and characterization of germanium-centered three-dimensional crystalline porous aromatic framework. <i>Journal of Materials Research</i> , 2012, 27, 1417-1420.	2.6	8
39	Synthesis of porous aromatic framework with tuning porosity via ionothermal reaction. <i>Dalton Transactions</i> , 2012, 41, 3933.	3.3	43
40	Targeted synthesis of a porous aromatic framework with a high adsorption capacity for organic molecules. <i>Journal of Materials Chemistry</i> , 2011, 21, 13498.	6.7	146
41	Synthesis of a porous aromatic framework for adsorbing organic pollutants application. <i>Journal of Materials Chemistry</i> , 2011, 21, 10348.	6.7	138