

Daofei Lv

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,259
citations

471371

17
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

1248
citing authors

#	ARTICLE	IF	CITATIONS
1	The modulation of ethane-selective adsorption performance in series of bimetal PCN-250 metal-organic frameworks: Impact of metal composition. <i>AIChE Journal</i> , 2022, 68, e17385.	1.8	11
2	Recent advances in adsorptive separation of ethane and ethylene by C ₂ H ₆ -selective MOFs and other adsorbents. <i>Chemical Engineering Journal</i> , 2022, 431, 133208.	6.6	58
3	Highly selective separation of propylene/propane mixture on cost-effectively four-carbon linkers based metal-organic frameworks. <i>Chinese Journal of Chemical Engineering</i> , 2022, 51, 126-134.	1.7	5
4	A Ni-based metal-organic framework with super-high C ₃ H ₈ uptake for adsorptive separation of light alkanes. <i>Separation and Purification Technology</i> , 2021, 266, 118198.	3.9	18
5	Preferential adsorption of ethane over ethylene on a Zr-based metal-organic framework: impacts of C-H...N hydrogen bonding. <i>New Journal of Chemistry</i> , 2021, 45, 8045-8053.	1.4	16
6	Highly Efficient Capture of Postcombustion Generated CO ₂ through a Copper-Based Metal-Organic Framework. <i>Energy & Fuels</i> , 2021, 35, 610-617.	2.5	14
7	Efficient adsorptive separation of propene over propane through a pillar-layer cobalt-based metal-organic framework. <i>AIChE Journal</i> , 2020, 66, e16858.	1.8	34
8	Improving CH ₄ /N ₂ selectivity within isomeric Al-based MOFs for the highly selective capture of coal-mine methane. <i>AIChE Journal</i> , 2020, 66, e16287.	1.8	42
9	Synthesis and Adsorption Performance of Ag ³⁺ -Al ₂ O ₃ with High Adsorption Capacities for Dibenzyl Disulfide. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 6164-6171.	1.8	6
10	Hydrotalcite-assisted rapid synthesis of HKUST-1 toward efficient benzene capture. <i>AIP Advances</i> , 2020, 10, 125311.	0.6	3
11	Ultrahigh CO ₂ /CH ₄ and CO ₂ /N ₂ adsorption selectivities on a cost-effectively L-aspartic acid based metal-organic framework. <i>Chemical Engineering Journal</i> , 2019, 375, 122074.	6.6	50
12	Rapid room temperature conversion of hydroxy double salt to MOF-505 for CO ₂ capture. <i>CrystEngComm</i> , 2019, 21, 165-171.	1.3	13
13	Ethane-Selective Behavior Achieved on a Nickel-Based Metal-Organic Framework: Impact of Pore Effect and Hydrogen Bonds. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 10516-10523.	1.8	15
14	Moisture stability of ethane-selective Ni(II), Fe(III), Zr(IV)-based metal-organic frameworks. <i>AIChE Journal</i> , 2019, 65, e16616.	1.8	28
15	An indium-based ethane-trapping MOF for efficient selective separation of C ₂ H ₆ /C ₂ H ₄ mixture. <i>Separation and Purification Technology</i> , 2019, 212, 51-56.	3.9	49
16	Selective Adsorption of Ethane over Ethylene in PCN-245: Impacts of Interpenetrated Adsorbent. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8366-8373.	4.0	112
17	Iron-Based Metal-Organic Framework with Hydrophobic Quadrilateral Channels for Highly Selective Separation of Hexane Isomers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6031-6038.	4.0	43
18	Highly Adsorptive Separation of Ethane/Ethylene by An Ethane-Selective MOF MIL-142A. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4063-4069.	1.8	88

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19	An ethane-trapping MOF PCN-250 for highly selective adsorption of ethane over ethylene. <i>Chemical Engineering Science</i> , 2018, 175, 110-117.	1.9	177
20	An Ultramicroporous Nickel-Based Metal-Organic Framework for Adsorption Separation of CO ₂ over N ₂ or CH ₄ . <i>Energy & Fuels</i> , 2018, 32, 8676-8682.	2.5	23
21	Selective Adsorptive Separation of CO ₂ /CH ₄ and CO ₂ /N ₂ by a Water Resistant Zirconium-Porphyrin Metal-Organic Framework. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12215-12224.	1.8	48
22	Efficient Mechanochemical Synthesis of MOF-5 for Linear Alkanes Adsorption. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 2030-2036.	1.0	101
23	Enhanced Adsorption Performance of Aromatics on a Novel Chromium-Based MIL-101@Graphite Oxide Composite. <i>Energy & Fuels</i> , 2017, 31, 13985-13990.	2.5	20
24	Highly efficient mechanochemical synthesis of an indium based metal-organic framework with excellent water stability. <i>Chemical Engineering Science</i> , 2017, 158, 539-544.	1.9	55
25	A new MOF-505@GO composite with high selectivity for CO ₂ /CH ₄ and CO ₂ /N ₂ separation. <i>Chemical Engineering Journal</i> , 2017, 308, 1065-1072.	6.6	230