

An ethane-trapping MOF PCN-250 for highly selective a

Chemical Engineering Science

175, 110-117

DOI: [10.1016/j.ces.2017.09.032](https://doi.org/10.1016/j.ces.2017.09.032)

Citation Report

#	ARTICLE	IF	CITATIONS
7	Ethane-selective carbon composites CPDA@AAs with high uptake and its enhanced ethane/ethylene adsorption selectivity. AICHE Journal, 2018, 64, 3390-3399.	3.6	41
8	Selective Adsorption of Ethane over Ethylene in PCN-245: Impacts of Interpenetrated Adsorbent. ACS Applied Materials & Interfaces, 2018, 10, 8366-8373.	8.0	112
9	A Zwitterionic Ligand-Based Cationic Metal-Organic Framework for Rapidly Selective Dye Capture and Highly Efficient Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> Removal. Chemistry - A European Journal, 2018, 24, 2718-2724.	3.3	69
10	Highly Adsorptive Separation of Ethane/Ethylene by An Ethane-Selective MOF MIL-142A. Industrial & Engineering Chemistry Research, 2018, 57, 4063-4069.	3.7	88
11	Methodologies for screening and selection of crystalline microporous materials in mixture separations. Separation and Purification Technology, 2018, 194, 281-300.	7.9	91
12	Tuning Binding Tendencies of Small Molecules in Metal-Organic Frameworks with Open Metal Sites by Metal Substitution and Linker Functionalization. Journal of Physical Chemistry C, 2018, 122, 27486-27494.	3.1	34
13	Adsorption of Ethane and Ethylene over 3D-Printed Ethane-Selective Monoliths. ACS Sustainable Chemistry and Engineering, 2018, 6, 15228-15237.	6.7	35
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15	Boosting Ethane/Ethylene Separation within Isoreticular Ultramicroporous Metal-Organic Frameworks. Journal of the American Chemical Society, 2018, 140, 12940-12946.	13.7	309
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20	Molecular simulation for separation of ethylene and ethane by functionalised graphene membrane. Molecular Simulation, 2019, 45, 1322-1331.	2.0	7
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22	Porous metal-organic frameworks for gas storage and separation: Status and challenges. EnergyChem, 2019, 1, 100006.	19.1	434
23	Highly Selective Separations of C <sub>2</sub> H <sub>2</sub> /C <sub>2</sub> H <sub>4</sub> and C <sub>2</sub> H <sub>2</sub> /C <sub>2</sub> H <sub>6</sub> in Metal-Organic Frameworks via Pore Environment Design. Industrial & Engineering Chemistry Research, 2019, 58, 19946-19957.	3.7	22
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26	Pore environment engineering in metal-organic frameworks for efficient ethane/ethylene separation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13585-13590.	10.3	91
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80	Thermal decarboxylation for the generation of hierarchical porosity in isostructural metal-organic frameworks containing open metal sites. <i>Materials Advances</i> , 2021, 2, 5487-5493.	5.4	14
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