

Membrane-based absorption of VOCs from a gas stream

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Removal of VOCs from air by membrane-based absorption and stripping. <i>Journal of Membrane Science</i> , 1996, 120, 221-237.	4.1	64
2	A hybrid of vapor permeation and membrane-based absorption-stripping for VOC removal and recovery from gaseous emissions. <i>Journal of Membrane Science</i> , 1997, 132, 229-233.	4.1	34
3	Use of asymmetric hollow fibre modules for elimination of H ₂ S from gas streams via a membrane absorption method. <i>Chemical Engineering Science</i> , 1998, 53, 1111-1119.	1.9	62
4	Membrane-Based Ozonation of Organic Compounds. <i>Industrial & Engineering Chemistry Research</i> , 1998, 37, 4388-4398.	1.8	45
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6	Membranes in Chemical Processing a Review of Applications and Novel Developments. <i>Separation and Purification Reviews</i> , 1998, 27, 51-168.	0.8	38
7	Hollow fiber membrane contactors. <i>Journal of Membrane Science</i> , 1999, 159, 61-106.	4.1	1,249
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18	A new efficient absorption liquid to treat exhaust air loaded with toluene. <i>Chemical Engineering Journal</i> , 2006, 115, 225-231.	6.6	112
19	Recovery of toluene from high temperature boiling absorbents by pervaporation. <i>Journal of Membrane Science</i> , 2006, 284, 145-154.	4.1	20

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20	Separation of CO ₂ from CH ₄ by using gas-liquid membrane contacting process. <i>Journal of Membrane Science</i> , 2007, 304, 163-172.	4.1	181
21	Preparation and characterization of hydrophobic ceramic hollow fibre membrane. <i>Journal of Membrane Science</i> , 2007, 291, 70-76.	4.1	134
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23	Removal of Acid Gas Emissions Using Hollow Fiber Gas Absorption Membrane Contactors. , 2008, , .		0
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33	Oxygen transfer characteristics of hydrophilic treated polypropylene hollow fiber membranes for bubbleless aeration. <i>Journal of Membrane Science</i> , 2010, 362, 47-57.	4.1	22
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40	CO_2 Capture from Gas Mixtures by Alkanol Amine Solutions in Porous Membranes. <i>Transport in Porous Media</i> , 2015, 106, 323-338.	1.2	10
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43	Process and engineering trends in membrane based carbon capture. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 659-684.	8.2	124
44	Effect of Operating Conditions on Separation of H ₂ S from Biogas Using a Chemical Assisted PDMS Membrane Process. <i>Waste and Biomass Valorization</i> , 2018, 9, 2349-2359.	1.8	9
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