

Effect of temperature on intrinsic permeation properties of
6FDA-Durene/1,3-phenylenediamine (mPDA) copolyimide
membranes for CO/CH₄ separation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Gas permeation in hollow fiber membranes with nonlinear sorption isotherm and concentration dependent diffusion coefficient. <i>Journal of Membrane Science</i> , 2005, 267, 99-103.	4.1	5
2	Development of high-performance polysulfone/poly(4-vinylpyridine) composite hollow fibers for CO ₂ /CH ₄ separation. <i>Desalination</i> , 2006, 192, 112-116.	4.0	15
3	Solvent selection for manufacture of fluorinated polyimide composite membranes. <i>Desalination</i> , 2006, 193, 8-13.	4.0	6
4	Separation of Carbon Dioxide from Natural Gas Mixtures through Polymeric Membranes—A Review. <i>Separation and Purification Reviews</i> , 2007, 36, 113-174.	2.8	251
5	Performance of PEI/BMI semi-IPN membranes for separations of various binary gaseous mixtures†. <i>Separation and Purification Technology</i> , 2007, 53, 301-311.	3.9	25
6	Poly(N,N-dimethylaminoethyl methacrylate)-poly(ethylene oxide) copolymer membranes for selective separation of CO ₂ . <i>Journal of Membrane Science</i> , 2008, 310, 365-373.	4.1	30
7	State-of-the-art Adsorption and Membrane Separation Processes for Carbon Dioxide Production from Carbon Dioxide Emitting Industries. <i>Separation Science and Technology</i> , 2009, 44, 1273-1421.	1.3	256
8	Factors affect defect-free Matrimid® hollow fiber gas separation performance in natural gas purification. <i>Journal of Membrane Science</i> , 2010, 353, 17-27.	4.1	78
9	Physical aging of 6FDA-based polyimide membranes monitored by gas permeability. <i>Polymer</i> , 2011, 52, 3374-3380.	1.8	73
10	Advanced polyimide materials: Syntheses, physical properties and applications. <i>Progress in Polymer Science</i> , 2012, 37, 907-974.	11.8	1,666
11	Development of a High Performance PES Ultrafiltration Hollow Fiber Membrane for Oily Wastewater Treatment Using Response Surface Methodology. <i>Sustainability</i> , 2015, 7, 16465-16482.	1.6	4
12	Gas Membranes for CO ₂ /CH ₄ (Biogas) Separation: A Review. <i>Environmental Engineering Science</i> , 2015, 32, 71-85.	0.8	59
13	Modeling of Spinning Process for Efficient Production of Hollow Fiber Membranes Used in Wastewater Treatment. <i>Procedia CIRP</i> , 2015, 26, 775-780.	1.0	2
14	A Dual-mode model interpretation of CO ₂ /CH ₄ permeability in polysulfone membranes at low pressures. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1855-1864.	0.3	10
15	Recent progress on fabrication methods of polymeric thin film gas separation membranes for CO ₂ capture. <i>Journal of Membrane Science</i> , 2019, 572, 38-60.	4.1	210
16	Development of Thin-Film Composite Membranes from Aromatic Cardo-Type Co-Polyimide for Mixed and Sour Gas Separations from Natural Gas. <i>Global Challenges</i> , 2020, 4, 1900107.	1.8	13
17	Separation of CO ₂ from CH ₄ using mixed matrix membranes incorporated with amine functionalized MIL-125 (Ti) nanofiller. <i>Chemical Engineering Research and Design</i> , 2020, 159, 236-247.	2.7	25
18	CO ₂ capture using membrane contactors: a systematic literature review. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 720-754.	2.3	38

#	ARTICLE	IF	CITATIONS
19	Research and development of high-performance polymeric materials including polyimides and fluoro-polyimides and their industrialized products. , 2022, , 266-325.		0
20	Research and development of high-performance and thermomechanically stable Ceramer (polymersâ€™ ceramic composites materials) and 'Ceramlmide' nanocomposites material formulations based on fluoro-polyimides for the advanced industrial applications. , 2022, , 517-585.		1
21	Polyimides, fluoro-polyimides, fluoro-poly(ether imide), fluoro-poly(ether amide) and fluoro-poly(ether amide-imide), and their copolymers: designing â€™molecular architecturesâ€™ of next-generation of advanced high-performance and thermomechanically stable polymers and copolymers from commercially available and specially designed monomers. , 2022, , 326-454.		0
22	Polymeric composite membranes in carbon dioxide capture process: a review. Environmental Science and Pollution Research, 2022, 29, 38735-38767.	2.7	15