

FREEMAN PUBLICATIONS: 2013-2018

1. Narang, G. S.; Moon, J. D.; Zhang, W.; Miller, G. C.; Choudhury, S. R.; Shaver, A.; Vondrasek, B.; Lesko, J. J.; Fallon, J. J.; Bortner, M.; D'Ambra, C.; Freeman, B. D.; Riffle, J. S. "Synthesis and Characterization of a Phosphine Oxide Based Poly(arylene ether ketone) and Blends with Poly(2,6-dimethyl-1,4-phenylene oxide) for Gas Separations," *Polymer* **2018**, *138*, 156-168.
2. McGinnis, R. L.; Reimund, K.; Ren, J.; Xia, L.; Chowdhury, M. R.; Sun, S.; Abril, M.; Moon, J. D.; Merrick, M. M.; Park, J.; Stevens, K. A.; McCutcheon, J. R.; Freeman, B.D. "Large-scale Polymeric Carbon Nanotube Membranes with Sub-1.27 nm Pores," *Science Advances* **2018**, *4*, e1700938.
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4. Kamcev, J.; Sujanani, R.; Jang, E.-S.; Yan, N.; Moe, N.; Paul, D. R.; Freeman, B.D. "Salt Concentration Dependence of Ionic Conductivity in Ion Exchange Membranes," *Journal of Membrane Science* **2018**, *547*, 123-133.
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8. Galizia, M.; Chi, W. S.; Smith, Z. P.; Merkel, T. C.; Baker, R. W.; Freeman, B. D. "Polymers and Mixed Matrix Membranes for Gas and Vapor Separation: A Review and Prospective Opportunities," *Macromolecules* **2017**, *50*, 7809-7843.
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