

Milad Yavari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Volumetric Properties and Sorption Behavior of Perfluoropolymers with Dioxolane Pendant Rings. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 5276-5286.	3.7	12
2	Perfluorodioxolane Polymers for Gas Separation Membrane Applications. <i>Membranes</i> , 2020, 10, 394.	3.0	15
3	Effect of Pendant Dioxolane Rings in Polymers on Gas Transport Characteristics. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1641-1647.	4.4	7
4	Dioxolane-Based Perfluoropolymers with Superior Membrane Gas Separation Properties. <i>Macromolecules</i> , 2018, 51, 2489-2497.	4.8	55
5	The role of halogens in polychlorotrifluoroethylene (PCTFE) in membrane gas separations. <i>Journal of Membrane Science</i> , 2018, 548, 380-389.	8.2	20
6	Physical aging of glassy perfluoropolymers in thin film composite membranes. Part I. Gas transport properties. <i>Journal of Membrane Science</i> , 2017, 525, 387-398.	8.2	42
7	Geometric Restriction of Gas Permeance in Ultrathin Film Composite Membranes Evaluated Using an Integrated Experimental and Modeling Approach. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 351-358.	3.7	31
8	Physical aging of glassy perfluoropolymers in thin film composite membranes. Part II. Glass transition temperature and the free volume model. <i>Journal of Membrane Science</i> , 2017, 525, 399-408.	8.2	35
9	Upper bound of polymeric membranes for mixed-gas CO ₂ /CH ₄ separations. <i>Journal of Membrane Science</i> , 2015, 475, 101-109.	8.2	124