

Milad Yavari

List of Publications by Year in descending order

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papers

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1163117

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9
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431
citing authors

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