

Afsaneh Fakhar

List of Publications by Year in descending order

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13
papers

246
citations

1039880

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1125617

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14
docs citations

14
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas separation properties of polyurethane/poly(ether-block-amide) (PU/PEBA) blend membranes. Separation and Purification Technology, 2017, 185, 202-214.	3.9	55
2	Association of hard segments in gas separation through polyurethane membranes with aromatic bulky chain extenders. Journal of Membrane Science, 2019, 574, 136-146.	4.1	42
3	Gas separation behavior of poly(ether sulfone)-poly(ethylene glycol) blend membranes. Journal of Applied Polymer Science, 2018, 135, 46845.	1.3	32
4	Improvements in tribological properties of polyoxymethylene by aramid short fiber and polytetrafluoroethylene. Iranian Polymer Journal (English Edition), 2013, 22, 53-59.	1.3	22
5	Construction and evaluation of a new tribometer for polymers. Polymer Testing, 2011, 30, 271-276.	2.3	21
6	Elucidating the effect of chain extenders substituted by aliphatic side chains on morphology and gas separation of polyurethanes. European Polymer Journal, 2020, 122, 109346.	2.6	18
7	Stable waterborne epoxy emulsions and the effect of silica nanoparticles on their coatings properties. Progress in Organic Coatings, 2021, 156, 106250.	1.9	13
8	Enhanced CO ₂ capture through bulky poly(urethane-urea)-based MMMs containing hyperbranched triazine based silica nanoparticles. Separation and Purification Technology, 2020, 241, 116734.	3.9	12
9	Efficient Improvement in Fracture Toughness of Laminated Composite by Interleaving Functionalized Nanofibers. Polymers, 2021, 13, 2509.	2.0	11
10	Gas separation through polyurethane-ZnO mixed matrix membranes and mathematical modeling of the interfacial morphology. SPE Polymers, 2020, 1, 113-124.	1.4	10
11	Comparative assessment of hydrocarbon separation performance of bulky poly(urethane-urea)s toward rubbery membranes. Journal of Natural Gas Science and Engineering, 2022, 98, 104356.	2.1	5
12	Stepwise surface modification of mesoporous silica and its use in poly(urethane-urea) composite films. Polymer International, 2022, 71, 107-116.	1.6	3
13	Liquid-liquid extraction process for gas separation from water in polymeric membrane: Mathematical modeling and simulation. Membrane Water Treatment, 2016, 7, 463-476.	0.5	2