

Seyed Mojtaba Mirfendereski

List of Publications by Year in descending order

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17
papers

812
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759233

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19
all docs

19
docs citations

19
times ranked

806
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD simulation of natural gas sweetening in a gas-liquid hollow-fiber membrane contactor. Chemical Engineering Journal, 2011, 168, 1217-1226.	12.7	180
2	Performance study of mullite and mullite-alumina ceramic MF membranes for oily wastewaters treatment. Desalination, 2010, 259, 169-178.	8.2	149
3	Dimensional analysis of permeation flux for microfiltration of oily wastewaters using mullite ceramic membranes. Desalination, 2010, 252, 113-119.	8.2	78
4	CO ₂ and CH ₄ permeation through T-type zeolite membranes: Effect of synthesis parameters and feed pressure. Separation and Purification Technology, 2008, 61, 317-323.	7.9	64
5	Investigation of hydrothermal synthesis parameters on characteristics of T type zeolite crystal structure. Powder Technology, 2011, 206, 345-352.	4.2	45
6	Development of T type zeolite for separation of CO ₂ from CH ₄ in adsorption processes. Chemical Engineering Research and Design, 2012, 90, 1687-1695.	5.6	44
7	Oily wastewater treatment using mullite ceramic membrane. Desalination and Water Treatment, 2012, 37, 21-30.	1.0	43
8	Modification of physical and thermal characteristics of stearic acid as a phase change materials using TiO ₂ -nanoparticles. Thermochimica Acta, 2019, 675, 9-17.	2.7	43
9	Effect of synthesis parameters on single gas permeation through T-type zeolite membranes. International Journal of Greenhouse Gas Control, 2008, 2, 531-538.	4.6	36
10	High-performance MFI zeolite hollow fiber membranes synthesized by double-layer seeding with variable temperature secondary growth. Journal of Membrane Science, 2021, 618, 118573.	8.2	36
11	Pervaporation separation of toluene/n-heptane mixtures using a MSE-modified membrane: Effects of operating conditions. Chemical Engineering Research and Design, 2012, 90, 397-408.	5.6	25
12	Selective Removal of H ₂ S from Gas Streams with High CO ₂ Concentration Using Hollow-Fiber Membrane Contractors. Chemical Engineering and Technology, 2019, 42, 196-208.	1.5	14
13	Effects of gel parameters on the synthesis and characteristics of W-type zeolite nanoparticles. Clays and Clay Minerals, 2011, 59, 328-335.	1.3	12
14	Synthesis and characterization of T-type zeolite membrane on a porous mullite tube. Desalination, 2006, 200, 77-79.	8.2	10
15	Investigation of H ₂ S and CO ₂ Removal from Gas Streams Using Hollow Fiber Membrane Gas-liquid Contactors. Chemical and Biochemical Engineering Quarterly, 2017, 31, 139-144.	0.9	9
16	Preparation of high performance ZSM-5 zeolite membranes for CO ₂ /H ₂ separation. Journal of Industrial and Engineering Chemistry, 2021, 94, 240-252.	5.8	9
17	Synthesis and application of high-permeable zeolite MER membrane for separation of carbon dioxide from methane. Journal of the Australian Ceramic Society, 2019, 55, 103-114.	1.9	7