

# Amir Mansourizadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,637  
citations

361296

20  
h-index

454834

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hollow fiber gas-liquid membrane contactors for acid gas capture: A review. <i>Journal of Hazardous Materials</i> , 2009, 171, 38-53.	6.5	317
2	Effect of operating conditions on the physical and chemical CO <sub>2</sub> absorption through the PVDF hollow fiber membrane contactor. <i>Journal of Membrane Science</i> , 2010, 353, 192-200.	4.1	141
3	Effect of additives on the structure and performance of polysulfone hollow fiber membranes for CO <sub>2</sub> absorption. <i>Journal of Membrane Science</i> , 2010, 348, 260-267.	4.1	114
4	Effect of LiCl concentration in the polymer dope on the structure and performance of hydrophobic PVDF hollow fiber membranes for CO <sub>2</sub> absorption. <i>Chemical Engineering Journal</i> , 2010, 165, 980-988.	6.6	109
5	Preparation of blend polyethersulfone/cellulose acetate/polyethylene glycol asymmetric membranes for oil-water separation. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	85
6	Preparation of polyvinylidene fluoride hollow fiber membranes for CO <sub>2</sub> absorption using phase-inversion promoter additives. <i>Journal of Membrane Science</i> , 2010, 355, 200-207.	4.1	81
7	A comparative study on the structure and performance of porous polyvinylidene fluoride and polysulfone hollow fiber membranes for CO <sub>2</sub> absorption. <i>Journal of Membrane Science</i> , 2010, 365, 319-328.	4.1	76
8	A developed asymmetric PVDF hollow fiber membrane structure for CO <sub>2</sub> absorption. <i>International Journal of Greenhouse Gas Control</i> , 2011, 5, 374-380.	2.3	75
9	Preparation and characterization of porous PVDF hollow fiber membranes for CO <sub>2</sub> absorption: Effect of different non-solvent additives in the polymer dope. <i>International Journal of Greenhouse Gas Control</i> , 2011, 5, 640-648.	2.3	72
10	Experimental study of CO <sub>2</sub> absorption/stripping via PVDF hollow fiber membrane contactor. <i>Chemical Engineering Research and Design</i> , 2012, 90, 555-562.	2.7	67
11	Effect of non-solvent additives on the structure and performance of PVDF hollow fiber membrane contactor for CO <sub>2</sub> stripping. <i>Journal of Membrane Science</i> , 2012, 423-424, 503-513.	4.1	66
12	CO <sub>2</sub> stripping from water through porous PVDF hollow fiber membrane contactor. <i>Desalination</i> , 2011, 273, 386-390.	4.0	63
13	Preparation of microporous PVDF hollow fiber membrane contactors for CO <sub>2</sub> stripping from diethanolamine solution. <i>Journal of Membrane Science</i> , 2012, 392-393, 29-37.	4.1	61
14	Blend polyvinylidene fluoride/surface modifying macromolecule hollow fiber membrane contactors for CO <sub>2</sub> absorption. <i>International Journal of Greenhouse Gas Control</i> , 2014, 26, 83-92.	2.3	42
15	Influence of membrane morphology on characteristics of porous hydrophobic PVDF hollow fiber contactors for CO <sub>2</sub> stripping from water. <i>Desalination</i> , 2012, 287, 220-227.	4.0	39
16	Microporous polyvinylidene fluoride hollow fiber membrane contactors for CO <sub>2</sub> stripping: Effect of PEG-400 in spinning dope. <i>Chemical Engineering Research and Design</i> , 2014, 92, 181-190.	2.7	30
17	A review on recent progress in environmental applications of membrane contactor technology. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107631.	3.3	30
18	Preparation of porous hydrophobic poly(vinylidene fluoride-co-hexafluoropropylene) hollow fiber membrane contactors for CO <sub>2</sub> stripping. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 76, 156-166.	2.7	26

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19	Structurally developed microporous polyvinylidene fluoride hollow-fiber membranes for CO <sub>2</sub> absorption with diethanolamine solution. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	23
20	An experimental study on the stability of PVDF hollow fiber membrane contactors for CO <sub>2</sub> absorption with alkanolamine solutions. <i>RSC Advances</i> , 2015, 5, 86031-86040.	1.7	21
21	Surface modified porous polyetherimide hollow fiber membrane for sweeping gas membrane distillation of dyeing wastewater. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125439.	2.3	20
22	Fabrication of blend hydrophilic polyamide imide (Torlon®)-sulfonated poly (ether ether ketone) hollow fiber membranes for oily wastewater treatment. <i>Polymer Testing</i> , 2020, 91, 106733.	2.3	17
23	Air gap membrane distillation of MEG solution using PDMS coated polysulfone hollow fiber membrane. <i>Polymer Testing</i> , 2019, 76, 1-9.	2.3	14
24	A comparative study on the structure of developed porous PVDF and PEI hollow fiber membrane contactors for CO <sub>2</sub> absorption. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	12
25	Extraction of penicillin-G from pharmaceutical wastewaters via a developed hydrophobic PVDF-HFP hollow fiber membrane contactor and process optimization. <i>Environmental Technology and Innovation</i> , 2021, 22, 101406.	3.0	10
26	Improvement of porous polyvinylidene fluoride-co-hexafluoropropylene hollow fiber membranes for sweeping gas membrane distillation of ethylene glycol solution. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 3002-3010.	1.7	10
27	Modification of porous polyetherimide hollow fiber membrane by dip-coating of Zonyl® BA for membrane distillation of dyeing wastewater. <i>Water Science and Technology</i> , 2021, 83, 3092-3109.	1.2	7
28	Hydrophobic and Hydrophilic Hollow Fiber Membranes for Co <sub>2</sub> Stripping via Gas-Liquid Membrane Contactor. <i>Procedia Engineering</i> , 2012, 44, 328-331.	1.2	4
29	Oily wastewater treatment by blend polyether imide-sulfonated poly (ether ether keton) hollow fibre membrane through a side-stream MBR process. <i>Water and Environment Journal</i> , 2022, 36, 469-483.	1.0	3
30	Effect of Different Additives on the Properties and Performance of Porous Polysulfone Hollow Fiber Membranes for CO <sub>2</sub> Absorption. , 0, , 191-201.		1
31	Development of Porous Asymmetric Polyamide-imide Torlon® Membranes for Physical CO <sub>2</sub> Absorption and Separation. <i>Journal of Membrane and Separation Technology</i> , 2014, 3, 224-231.	0.4	1