

shirin Kiani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-performance and robust polysulfone nanocomposite membrane containing 2D functionalized MXene nanosheets for the nanofiltration of salt and dye solutions. <i>Desalination</i> , 2022, 527, 115600.	8.2	30
2	Preparation and characterization of biodegradable polybutylene succinate/polyurethane membrane for harvesting of <i>Chlorella sorokiniana</i> microalgae. <i>Algal Research</i> , 2022, 63, 102658.	4.6	3
3	Polyphenylsulfone/polyethylene glycol hexadecyl ether blend membranes with enhanced surface hydrophilicity for high-performance nanofiltration of dye solution. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 2465-2473.	2.7	2
4	Preparation of amorphous polyphenylsulfone nanofiltration membrane via thermally-induced lamination. <i>Journal of Non-Crystalline Solids</i> , 2021, 551, 120416.	3.1	9
5	Preparation of poly(butylene succinate)/polyvinylpyrrolidone blend membrane for pervaporation dehydration of acetone. <i>Chemical Engineering Research and Design</i> , 2021, 165, 361-373.	5.6	14
6	Biodegradable membrane based on polycaprolactone/polybutylene succinate: Characterization and performance evaluation in wastewater treatment. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50332.	2.6	25
7	Production of calcium nitrate crystals via membrane distillation crystallization using polyvinylidene fluoride/sorbitan trioleate membranes. <i>Advanced Powder Technology</i> , 2021, 32, 1463-1471.	4.1	6
8	Preparation and hydrophobicity modification of poly(vinylidene fluoride) membrane for removal of volatile organic compound from water. <i>Polymer Composites</i> , 2021, 42, 4684-4697.	4.6	13
9	Preparation of polyethylene terephthalate/xanthan nanofiltration membranes using recycled bottles for removal of diltiazem from aqueous solution. <i>Journal of Cleaner Production</i> , 2021, 314, 128082.	9.3	26
10	Biodegradable polycaprolactone/MXene nanocomposite nanofiltration membranes for the treatment of dye solutions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 128, 124-139.	5.3	30
11	Pervaporation separation of isopropylbenzene from water using four different polymeric membranes: Membrane preparation, modification, characterization, and performance evaluation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 67-80.	5.3	15
12	Preparation and characterization of modified polyphenylsulfone membranes with hydrophilic property for filtration of aqueous media. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1632-1648.	3.2	36
13	Effect of pretreatment process on the characteristics of activated carbons produced from chemical activation of scrap tire. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 796-801.	2.3	7
14	Novel high flux nanofibrous composite membrane based on polyphenylsulfone thin barrier layer on nanofibrous support. <i>Fibers and Polymers</i> , 2017, 18, 1531-1544.	2.1	17
15	Preparation and characterization of polyphenylsulfone nanofibrous membranes for the potential use in liquid filtration. <i>Desalination and Water Treatment</i> , 2016, 57, 16250-16259.	1.0	21
16	Hydrophilicity improvement in polyphenylsulfone nanofibrous filtration membranes through addition of polyethylene glycol. <i>Applied Surface Science</i> , 2015, 359, 252-258.	6.1	60
17	Wastewater treatment of raisins processing factory using micellar-enhanced ultrafiltration. <i>Desalination and Water Treatment</i> , 2014, 52, 57-64.	1.0	14
18	Treatment of edible oil processing wastewater using micellar-enhanced ultrafiltration process. <i>Desalination and Water Treatment</i> , 2014, 52, 2412-2418.	1.0	6

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19	Ultrasound assisted preparation of water in oil emulsions and their application in arsenic (V) removal from water in an emulsion liquid membrane process. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 373-377.	8.2	26
20	Extraction of Arsenic(V) from Water Using Emulsion Liquid Membrane. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 123-129.	2.4	21
21	Modeling and simulation of sour gas membrane-absorption system: Influence of operational parameters on species removal. <i>Journal of Natural Gas Science and Engineering</i> , 2009, 1, 195-204.	4.4	12
22	Preparation of polyphenylsulfone/graphene nanocomposite membrane for the pervaporation separation of cumene from water. <i>Polymers for Advanced Technologies</i> , 0, , .	3.2	4
23	Polybutylene succinate (PBS)/acrylonitrile butadiene styrene (ABS) membrane with improved mechanical properties for wastewater treatment. <i>Polymer Bulletin</i> , 0, , 1.	3.3	2