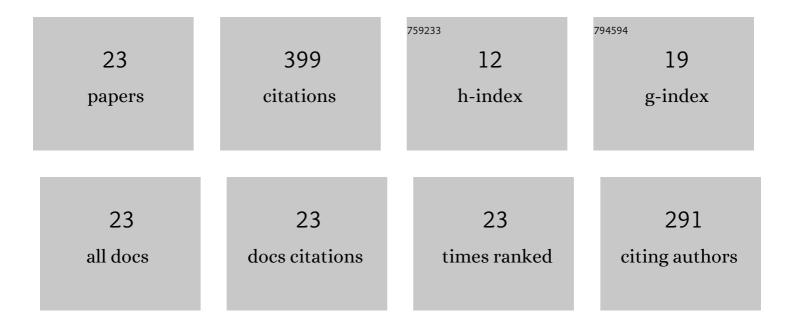
shirin Kiani

List of Publications by Year in descending order

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CHIDIN KIANI

#	Article	IF	CITATIONS
1	High-performance and robust polysulfone nanocomposite membrane containing 2D functionalized MXene nanosheets for the nanofiltration of salt and dye solutions. Desalination, 2022, 527, 115600.	8.2	30
2	Preparation and characterization of biodegradable polybutylene succinate/polyurethane membrane for harvesting of Chlorella sorokiniana microalgae. Algal Research, 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. Korean Journal of Chemical Engineering, 2022, 39, 2465-2473.	2.7	2
4	Preparation of amorphous polyphenylsulfone nanofiltration membrane via thermally-induced lamination. Journal of Non-Crystalline Solids, 2021, 551, 120416.	3.1	9
5	Preparation of poly(butylene succinate)/polyvinylpyrrolidone blend membrane for pervaporation dehydration of acetone. Chemical Engineering Research and Design, 2021, 165, 361-373.	5.6	14
6	Biodegradable membrane based on polycaprolactone/polybutylene succinate: Characterization and performance evaluation in wastewater treatment. Journal of Applied Polymer Science, 2021, 138, 50332.	2.6	25
7	Production of calcium nitrate crystals via membrane distillation crystallization using polyvinylidene fluoride/sorbitan trioleate membranes. Advanced Powder Technology, 2021, 32, 1463-1471.	4.1	6
8	Preparation and hydrophobicity modification of poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td volatile organic compound from water. Polymer Composites, 2021, 42, 4684-4697.	(fluorideâ€∢ 4.6	scp> <i>co13</i>
9	Preparation of polyethylene terephthalate/xanthan nanofiltration membranes using recycled bottles for removal of diltiazem from aqueous solution. Journal of Cleaner Production, 2021, 314, 128082.	9.3	26
10	Biodegradable polycaprolactone/MXene nanocomposite nanofiltration membranes for the treatment of dye solutions. Journal of the Taiwan Institute of Chemical Engineers, 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. Journal of the Taiwan Institute of Chemical Engineers, 2020, 114, 67-80.	5.3	15
12	Preparation and characterization of modified polyphenylsulfone membranes with hydrophilic property for filtration of aqueous media. Polymers for Advanced Technologies, 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. Environmental Progress and Sustainable Energy, 2017, 36, 796-801.	2.3	7
14	Novel high flux nanofibrous composite membrane based on polyphenylsulfone thin barrier layer on nanofibrous support. Fibers and Polymers, 2017, 18, 1531-1544.	2.1	17
15	Preparation and characterization of polyphenylsulfone nanofibrous membranes for the potential use in liquid filtration. Desalination and Water Treatment, 2016, 57, 16250-16259.	1.0	21
16	Hydrophilicity improvement in polyphenylsulfone nanofibrous filtration membranes through addition of polyethylene glycol. Applied Surface Science, 2015, 359, 252-258.	6.1	60
17	Wastewater treatment of raisins processing factory using micellar-enhanced ultrafiltration. Desalination and Water Treatment, 2014, 52, 57-64.	1.0	14
18	Treatment of edible oil processing wastewater using micellar-enhanced ultrafiltration process. Desalination and Water Treatment, 2014, 52, 2412-2418.	1.0	6

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