Ehsan Saljoughi

List of Publications by Year
in descending order

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54 papers	1,938 citations	257357 24 h-index	254106 43 g-index
54 all docs	54 docs citations	54 times ranked	1839 citing authors

#	Article	IF	Citations
1	Effect of PEG additive and coagulation bath temperature on the morphology, permeability and thermal/chemical stability of asymmetric CA membranes. Desalination, 2010, 262, 72-78.	4.0	178
2	Effect of preparation variables on morphology and pure water permeation flux through asymmetric cellulose acetate membranes. Journal of Membrane Science, 2009, 326, 627-634.	4.1	176
3	Cellulose acetate (CA)/polyvinylpyrrolidone (PVP) blend asymmetric membranes: Preparation, morphology and performance. Desalination, 2009, 249, 850-854.	4.0	165
4	Preparation and characterization of novel PVDF nanofiltration membranes with hydrophilic property for filtration of dye aqueous solution. Applied Surface Science, 2017, 413, 41-49.	3.1	116
5	Preparation and characterization of novel polysulfone nanofiltration membranes for removal of cadmium from contaminated water. Separation and Purification Technology, 2012, 90, 22-30.	3.9	99
6	Effect of production conditions on morphology and permeability of asymmetric cellulose acetate membranes. Desalination, 2009, 243, 1-7.	4.0	90
7	Effects of coagulation bath temperature and polyvinylpyrrolidone content on flat sheet asymmetric polyethersulfone membranes. Polymer Engineering and Science, 2010, 50, 885-893.	1.5	89
8	Effect of poly(vinyl pyrrolidone) concentration and coagulation bath temperature on the morphology, permeability, and thermal stability of asymmetric cellulose acetate membranes. Journal of Applied Polymer Science, 2009, 111, 2537-2544.	1.3	74
9	Hydrophilicity improvement in polyphenylsulfone nanofibrous filtration membranes through addition of polyethylene glycol. Applied Surface Science, 2015, 359, 252-258.	3.1	60
10	Effects of Tween 80 concentration as a surfactant additive on morphology and permeability of flat sheet polyethersulfone (PES) membranes. Desalination, 2009, 249, 837-842.	4.0	57
11	Improvement of permeation performance of polyethersulfone (PES) ultrafiltration membranes via addition of Tweenâ€20. Journal of Applied Polymer Science, 2010, 115, 504-513.	1.3	52
12	Preparation of hydrophilic nanofiltration membranes for removal of pharmaceuticals from water. Journal of Environmental Health Science & Engineering, 2015, 13, 42.	1.4	42
13	Recent progress in membrane development, affecting parameters, and applications of reverse electrodialysis: A review. Journal of Water Process Engineering, 2022, 47, 102706.	2.6	39
14	Membrane processes used for removal of pharmaceuticals, hormones, endocrine disruptors and their metabolites from wastewaters: a review. Desalination and Water Treatment, 2016, 57, 24146-24175.	1.0	38
15	Preparation and characterization of modified polysulfone membranes with high hydrophilic property using variation in coagulation bath temperature and addition of surfactant. Polymer Engineering and Science, 2012, 52, 2196-2205.	1.5	37
16	Preparation and characterization of modified polyphenylsulfone membranes with hydrophilic property for filtration of aqueous media. Polymers for Advanced Technologies, 2018, 29, 1632-1648.	1.6	36
17	Preparation and characterization of a composite PDMS membrane on CA support. Polymers for Advanced Technologies, 2010, 21, 568-577.	1.6	34
18	Preparation of modified polyethersulfone membranes using variation in coagulation bath temperature and addition of hydrophilic surfactant. Journal of Polymer Research, 2012, 19, 1.	1.2	32

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19	Biodegradable polycaprolactone/MXene nanocomposite nanofiltration membranes for the treatment of dye solutions. Journal of the Taiwan Institute of Chemical Engineers, 2021, 128, 124-139.	2.7	30
20	High-performance and robust polysulfone nanocomposite membrane containing 2D functionalized MXene nanosheets for the nanofiltration of salt and dye solutions. Desalination, 2022, 527, 115600.	4.0	30
21	Chitosan/polyvinyl alcohol/amino functionalized multiwalled carbon nanotube pervaporation membranes: Synthesis, characterization, and performance. Polymers for Advanced Technologies, 2018, 29, 84-94.	1.6	29
22	Modifications and research potentials of acrylonitrile/butadiene/styrene (ABS) membranes: A review. Polymer Composites, 2018, 39, 2835-2846.	2.3	28
23	Preparation and characterization of nanoporous polysulfone membranes with high hydrophilic property using variation in CBT and addition of tetronicâ€1107 surfactant. Journal of Applied Polymer Science, 2013, 127, 4177-4185.	1.3	26
24	Polyacrylonitrile (PAN)/IGEPAL blend asymmetric membranes: preparation, morphology, and performance. Journal of Polymer Research, 2013, 20, 1.	1.2	25
25	Removal of 2-propanol from water by pervaporation using poly(vinylidene fluoride) membrane filled with carbon black. Applied Surface Science, 2016, 368, 277-287.	3.1	25
26	Biodegradable membrane based on polycaprolactone/polybutylene succinate: Characterization and performance evaluation in wastewater treatment. Journal of Applied Polymer Science, 2021, 138, 50332.	1.3	25
27	Preparation and characterization of a novel hydrophilic PVDF/PVA/Al 2 O 3 nanocomposite membrane for removal of As(V) from aqueous solutions. Polymer Composites, 2019, 40, 2452-2461.	2.3	23
28	Cellulose acetate butyrate membrane containing TiO2 nanoparticle: Preparation, characterization and permeation study. Korean Journal of Chemical Engineering, 2013, 30, 1819-1824.	1.2	22
29	Polysulfone/Brijâ€58 blend nanofiltration membranes: preparation, morphology and performance. Polymers for Advanced Technologies, 2013, 24, 383-390.	1.6	22
30	Preparation and characterization of poly(Ether block amide)/graphene membrane for recovery of isopropanol from aqueous solution via pervaporation. Polymer Composites, 2018, 39, 2259-2267.	2.3	22
31	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
32	Novel high flux nanofibrous composite membrane based on polyphenylsulfone thin barrier layer on nanofibrous support. Fibers and Polymers, 2017, 18, 1531-1544.	1.1	17
33	PEBA/PVDF blend pervaporation membranes: preparation and performance. Polymers for Advanced Technologies, 2017, 28, 113-123.	1.6	16
34	Preparation and characterization of styrene-butadiene-styrene membrane incorporated with graphene nanosheets for pervaporative removal of 1,2,4-trimethylbenzene from water. Journal of Hazardous Materials, 2019, 378, 120689.	6.5	15
35	Evaluation of thin film composite membrane in production of ionically modified water applied for enhanced oil recovery. Desalination, 2020, 474, 114194.	4.0	15
36	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.	2.7	15

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37	Alignment of functionalized multiwalled carbon nanotubes in forward osmosis membrane support layer induced by electric and magnetic fields. Powder Technology, 2020, 364, 538-552.	2.1	13
38	Preparation and hydrophobicity modification of poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (fluorideâ€‹<scp><i>co</i> volatile organic compound from water. Polymer Composites, 2021, 42, 4684-4697.	2.3	13
39	Removal of 1,2,4â€Trimethylbenzene from Water by Pervaporation Using Styreneâ€“Butadieneâ€“Styrene (SBS) Membrane Incorporated with Carbon Black Nanoparticles. Polymer Engineering and Science, 2020, 60, 257-266.	1.5	11
40	Asymmetric cellulose acetate dialysis membranes: Synthesis, characterization, and performance. Journal of Applied Polymer Science, 2010, 116, 2251-2259.	1.3	10
41	Effective Parameters on Fabrication and Modification of Braid Hollow Fiber Membranes: A Review. Membranes, 2021, 11, 884.	1.4	10
42	Preparation of amorphous polyphenylsulfone nanofiltration membrane via thermally-induced lamination. Journal of Non-Crystalline Solids, 2021, 551, 120416.	1.5	9
43	Novel chlorine resistant thin-film composite forward osmosis membrane: Preparation and performance evaluation in the regeneration of MEG aqueous solution. Chemical Engineering Research and Design, 2022, 177, 554-568.	2.7	9
44	Effects of Coagulation-Bath Temperature and Montmorillonite Nanoclay Content on Asymmetric Cellulose Acetate Butyrate Membranes. Clays and Clay Minerals, 2013, 61, 541-550.	0.6	7
45	Production of calcium nitrate crystals via membrane distillation crystallization using polyvinylidene fluoride/sorbitan trioleate membranes. Advanced Powder Technology, 2021, 32, 1463-1471.	2.0	6
46	Poly (caprolactone)/poly (ethylene glycol) pervaporation blend membranes: Synthesis, characterization, and performance. Polymers for Advanced Technologies, 2018, 29, 2467-2476.	1.6	6
47	Promotion of polysulfone membrane by thermal-mechanical stretching process. Journal of Polymer Research, 2013, 20, 1.	1.2	4
48	Recovery of 1-ethyl-2-methylbenzene from wastewater by polymeric membranes via pervaporation process. Journal of Polymer Research, 2019, 26, 1.	1.2	4
49	Preparation of polyphenylsulfone/graphene nanocomposite membrane for the pervaporation separation of cumene from water. Polymers for Advanced Technologies, 0, , .	1.6	4
50	PEBA/PS blend pervaporation membranes: preparation, characterization and performance investigation. , 0, 153, 24-35.		3
51	Preparation and characterization of biodegradable polybutylene succinate/polyurethane membrane for harvesting of Chlorella sorokiniana microalgae. Algal Research, 2022, 63, 102658.	2.4	3
52	Triple-Choking Model for Ejector. Journal of Thermal Science and Engineering Applications, 2010, 2, .	0.8	2
53	Use of membrane separation in enzymatic hydrolysis of waste paper. Korean Journal of Chemical Engineering, 2017, 34, 768-772.	1.2	2
54	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.	1.2	2