Negin Ghaemi

List of Publications by Year
in descending order

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35 papers	2,547 citations	257101 24 h-index	360668 35 g-index
35 all docs	35 docs citations	35 times ranked	2696 citing authors

#	Article	IF	Citations
1	Synergistic effect of Cloisite 15A and 30B nanofillers on the characteristics of nanocomposite polyethersulfone membrane. Applied Clay Science, 2019, 172, 96-105.	2.6	22
2	Nano-biopolymer effect on forward osmosis performance of cellulosic membrane: High water flux and low reverse salt. Carbohydrate Polymers, 2019, 204, 78-88.	5.1	30
3	Synthesis of a hybrid organic-inorganic polyethersulfone membrane incorporated with phosphotungstic acid: Controversial performance in removal of dinitroaniline herbicides from water. Journal of Cleaner Production, 2018, 182, 259-271.	4.6	10
4	Polyethersulfone nanofiltration membrane embedded by chitosan nanoparticles: Fabrication, characterization and performance in nitrate removal from water. Carbohydrate Polymers, 2018, 191, 142-151.	5.1	60
5	Surface Modification of Polysulfone Membranes Using Poly(Acrylic Acid)â€Decorated Alumina Nanoparticles. Chemical Engineering and Technology, 2018, 41, 261-269.	0.9	11
6	Nontoxic silver nanocluster-induced folding, fibrillation, and aggregation of blood plasma proteins. International Journal of Biological Macromolecules, 2018, 119, 838-848.	3.6	10
7	Nano-porous SAPO-34 enhanced thin-film nanocomposite polymeric membrane: Simultaneously high water permeation and complete removal of cationic/anionic dyes from water. Journal of Hazardous Materials, 2018, 358, 376-388.	6.5	56
8	Removal of lead ions from water using PES-based nanocomposite membrane incorporated with polyaniline modified GO nanoparticles: Performance optimization by central composite design. Chemical Engineering Research and Design, 2017, 111, 475-490.	2.7	66
9	An ultra-antifouling polyethersulfone membrane embedded with cellulose nanocrystals for improved dye and salt removal from water. Cellulose, 2017, 24, 915-929.	2.4	33
10	Novel antifouling nano-enhanced thin-film composite membrane containing cross-linkable acrylate-alumoxane nanoparticles for water softening. Journal of Colloid and Interface Science, 2017, 485, 81-90.	5.0	15
11	Mitigation of fouling of polyethersulfone membranes using an aqueous suspension of cellulose nanocrystals as a nonsolvent. Cellulose, 2016, 23, 2025-2037.	2.4	7
12	Enhancement in copper ion removal by PPy@Al2O3 polymeric nanocomposite membrane. Journal of Industrial and Engineering Chemistry, 2016, 40, 26-33.	2.9	50
13	A new approach to copper ion removal from water by polymeric nanocomposite membrane embedded with Î³-alumina nanoparticles. Applied Surface Science, 2016, 364, 221-228.	3.1	94
14	PES mixed matrix nanofiltration membrane embedded with polymer wrapped MWCNT: Fabrication and performance optimization in dye removal by RSM. Journal of Hazardous Materials, 2015, 298, 111-121.	6.5	96
15	Nano-ZnO embedded mixed matrix polyethersulfone (PES) membrane: Influence of nanofiller shape on characterization and fouling resistance. Applied Surface Science, 2015, 349, 66-77.	3.1	140
16	Polyethersulfone membrane enhanced with iron oxide nanoparticles for copper removal from water: Application of new functionalized Fe3O4 nanoparticles. Chemical Engineering Journal, 2015, 263, 101-112.	6.6	229
17	Nanoclay embedded mixed matrix PVDF nanocomposite membrane: Preparation, characterization and biofouling resistance. Applied Surface Science, 2014, 313, 207-214.	3.1	49
18	PAA grafting onto new acrylate-alumoxane/PES mixed matrix nano-enhanced membrane: Preparation, characterization and performance in dye removal. Chemical Engineering Journal, 2013, 221, 111-123.	6.6	35

#	Article	IF	Citations
19	Novel thin film composite membrane fabricated by mixed matrix nanoclay/chitosan on PVDF microfiltration support: Preparation, characterization and performance in dye removal. Journal of Membrane Science, 2013, 436, 97-108.	4.1	172
20	Fabrication of PES nanofiltration membrane by simultaneous use of multi-walled carbon nanotube and surface graft polymerization method: Comparison of MWCNT and PAA modified MWCNT. Separation and Purification Technology, 2013, 104, 32-44.	3.9	99
21	Fouling resistant mixed matrix polyethersulfone membranes blended with magnetic nanoparticles: Study of magnetic field induced casting. Separation and Purification Technology, 2013, 109, 111-121.	3.9	96
22	Enhancing antifouling capability of PES membrane via mixing with various types of polymer modified multi-walled carbon nanotube. Journal of Membrane Science, 2013, 444, 184-191.	4.1	160
23	Novel polyethersulfone nanocomposite membrane prepared by PANI/Fe3O4 nanoparticles with enhanced performance for Cu(II) removal from water. Journal of Membrane Science, 2012, 415-416, 250-259.	4.1	262
24	Effect of fatty acids on the structure and performance of cellulose acetate nanofiltration membranes in retention of nitroaromatic pesticides. Desalination, 2012, 301, 26-41.	4.0	25
25	Fabrication and modification of polysulfone nanofiltration membrane using organic acids: Morphology, characterization and performance in removal of xenobiotics. Separation and Purification Technology, 2012, 96, 214-228.	3.9	85
26	Effect of titanium dioxide nanoparticles on polydimethylsiloxane/polyethersulfone composite membranes for gas separation. Polymer Engineering and Science, 2012, 52, 2664-2674.	1.5	46
27	Fabrication of cellulose acetate/sodium dodecyl sulfate nanofiltration membrane: Characterization and performance in rejection of pesticides. Desalination, 2012, 290, 99-106.	4.0	82
28	Separation of nitrophenols using cellulose acetate nanofiltration membrane: Influence of surfactant additives. Separation and Purification Technology, 2012, 85, 147-156.	3.9	45
29	Preparation, characterization and performance of polyethersulfone/organically modified montmorillonite nanocomposite membranes in removal of pesticides. Journal of Membrane Science, 2011, 382, 135-147.	4.1	136
30	A novel method for preparation of low-fouling membranes: Surface coating by extracted wax from leafy cabbage. Desalination, 2011, 283, 148-155.	4.0	10
31	Modeling the Presence of Humic Acid in Ultrafiltration of Xenobiotic Compounds: Elman Recurrent Neural Network. Chemical Engineering and Technology, 2011, 34, 1891-1898.	0.9	2
32	Influence of photo-induced superhydrophilicity of titanium dioxide nanoparticles on the anti-fouling performance of ultrafiltration membranes. Applied Surface Science, 2011, 257, 6175-6180.	3.1	73
33	Ultrafiltration behavior of nitrophenols in the presence of humic substances. Journal of Membrane Science, 2009, 331, 126-136.	4.1	7
34	Transformation of a hydrophilic membrane into semi-super-hydrophobic based on self-assembly of stearic acid monolayer over induced nanostructures on the membrane surface. Applied Surface Science, 2007, 254, 627-632.	3.1	6
35	Characterization of self-cleaning RO membranes coated with TiO2 particles under UV irradiation. Journal of Membrane Science, 2007, 303, 221-233.	4.1	228