

Soleyman Sahebi

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,580
citations

279701

23
h-index

302012

39
g-index

46
all docs

46
docs citations

46
times ranked

1573
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the major factors affecting the performances of forward osmosis and its implications on the desalination process. <i>Chemical Engineering Journal</i> , 2013, 231, 484-496.	6.6	155
2	Occurrence, distribution, and potential sources of antibiotics pollution in the water-sediment of the northern coastline of the Persian Gulf, Iran. <i>Science of the Total Environment</i> , 2018, 627, 703-712.	3.9	150
3	Effect of sulphonated polyethersulfone substrate for thin film composite forward osmosis membrane. <i>Desalination</i> , 2016, 389, 129-136.	4.0	97
4	Application of oak powder/Fe ₃ O ₄ magnetic composite in toxic metals removal from aqueous solutions. <i>Advanced Powder Technology</i> , 2019, 30, 544-554.	2.0	85
5	Performance of montmorillonite/graphene oxide/CoFe ₂ O ₄ as a magnetic and recyclable nanocomposite for cleaning methyl violet dye-laden wastewater. <i>Advanced Powder Technology</i> , 2020, 31, 3993-4004.	2.0	83
6	Characteristics and performance of Cd, Ni, and Pb bio-adsorption using <i>Callinectes sapidus</i> biomass: real wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6336-6347.	2.7	82
7	Efficient arsenic(V) removal from contaminated water using natural clay and clay composite adsorbents. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29748-29762.	2.7	81
8	Pressure assisted fertiliser drawn osmosis process to enhance final dilution of the fertiliser draw solution beyond osmotic equilibrium. <i>Journal of Membrane Science</i> , 2015, 481, 63-72.	4.1	74
9	Calcined alluvium of agricultural streams as a recyclable and cleaning tool for cationic dye removal from aqueous media. <i>Environmental Technology and Innovation</i> , 2020, 17, 100530.	3.0	54
10	Abatement of Cr (VI) from wastewater using a new adsorbent, cantaloupe peel: Taguchi L16 orthogonal array optimization. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 2207-2214.	1.2	47
11	Waste sludge from shipping docks as a catalyst to remove amoxicillin in water with hydrogen peroxide and ultrasound. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105187.	3.8	40
12	Sustainable management of saline oily wastewater via forward osmosis using aquaporin membrane. <i>Chemical Engineering Research and Design</i> , 2020, 138, 199-207.	2.7	39
13	Removal of a cationic dye from wastewater during purification by <i>Phoenix dactylifera</i> . <i>Desalination and Water Treatment</i> , 2014, 52, 7354-7365.	1.0	35
14	Thin-film composite membrane on a compacted woven backing fabric for pressure assisted osmosis. <i>Desalination</i> , 2017, 406, 98-108.	4.0	35
15	Synthesis of novel thin film composite (TFC) forward osmosis (FO) membranes incorporated with carboxylated carbon nanofibers (CNFs). <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104614.	3.3	35
16	Relating forward water and reverse salt fluxes to membrane porosity and tortuosity in forward osmosis: CFD modelling. <i>Separation and Purification Technology</i> , 2020, 241, 116727.	3.9	33
17	Synthesis and characterization of novel thin film composite forward osmosis membrane using charcoal-based carbon nanomaterials for desalination application. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104880.	3.3	33
18	Potential of green/brown algae for monitoring of metal(loid)s pollution in the coastal seawater and sediments of the Persian Gulf: ecological and health risk assessment. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7463-7475.	2.7	31

#	ARTICLE	IF	CITATIONS
19	A new biomimetic aquaporin thin film composite membrane for forward osmosis: Characterization and performance assessment. , 0, 148, 42-50.		30
20	Influence of the process parameters on hollow fiber-forward osmosis membrane performances. Desalination and Water Treatment, 2015, 54, 817-828.	1.0	28
21	Fertilizer-drawn forward osmosis for irrigation of tomatoes. Desalination and Water Treatment, 2015, 53, 2746-2759.	1.0	28
22	Assessment of a Thermally Modified Cellulose Acetate Forward Osmosis Membrane Using Response Surface Methodology. Chemical Engineering and Technology, 2018, 41, 1706-1715.	0.9	27
23	Effective removal of Hg ²⁺ from aqueous solutions and seawater by <i>Malva sylvestris</i> . Desalination and Water Treatment, 2016, 57, 23814-23826.	1.0	25
24	Optimization of the Forward Osmosis Process Using Aquaporin Membranes in Chromium Removal. Chemical Engineering and Technology, 2020, 43, 298-306.	0.9	24
25	Removal of phenol from hyper-saline wastewater using Cu/Mg/Al-chitosan-H ₂ O ₂ in a fluidized catalytic bed reactor. Reaction Kinetics, Mechanisms and Catalysis, 2014, 111, 605-620.	0.8	22
26	Efficient Degradation of a Biorecalcitrant Pollutant from Wastewater Using a Fluidized Catalyst-Bed Reactor. Chemical Engineering Communications, 2015, 202, 1118-1129.	1.5	22
27	Chromium removal and water recycling from electroplating wastewater through direct osmosis: Modeling and optimization by response surface methodology. Environmental Health Engineering and Management, 2019, 6, 113-120.	0.3	19
28	A novel thin film composite forward osmosis membrane using bio-inspired polydopamine coated polyvinyl chloride substrate: Experimental and computational fluid dynamics modelling. Chemical Engineering Research and Design, 2021, 147, 756-771.	2.7	18
29	Enhanced performance and fouling resistance of cellulose acetate forward osmosis membrane with the spatial distribution of TiO ₂ and Al ₂ O ₃ nanoparticles. Journal of Chemical Technology and Biotechnology, 2021, 96, 147-162.	1.6	15
30	Developing novel thin film composite membrane on a permeate spacer backing fabric for forward osmosis. Chemical Engineering Research and Design, 2020, 160, 326-334.	2.7	13
31	Arsenic adsorption over dodecahedra ZIF-8 from solution aqueous: modelling, isotherms, kinetics and thermodynamics. International Journal of Environmental Analytical Chemistry, 2022, 102, 855-871.	1.8	13
32	High adsorption of methylene blue from aqueous solutions using leaf-shaped ZIF-8. International Journal of Environmental Analytical Chemistry, 0, , 1-14.	1.8	11
33	Performance evaluation of aquaporin forward osmosis membrane using chemical fertilizers as a draw solution. Environmental Progress and Sustainable Energy, 2021, 40, e13536.	1.3	11
34	Development of high-performance thin-film composite FO membrane by tailoring co-deposition of dopamine and m-phenylenediamine for the Caspian seawater desalination. Desalination, 2022, 527, 115577.	4.0	11
35	Improvement of montmorillonite adsorption capacity for lead ions by modifying with hexadecyl trimethyl ammonium chloride: Characterization, modelling and optimization studies. MethodsX, 2019, 6, 2217-2229.	0.7	10
36	Fabricating robust thin film composite membranes reinforced on woven mesh backing fabric support for pressure assisted and forward osmosis: A dataset. Data in Brief, 2018, 21, 364-370.	0.5	9

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37	Effects of natural organic matter on separation of the hydroxylated fullerene nanoparticles by cross-flow ultrafiltration membranes from water. <i>Separation and Purification Technology</i> , 2015, 140, 61-68.	3.9	8
38	Novel Plasma Functionalized Graphene Nanoplatelets (GNPs) incorporated in forward osmosis substrate with improved performance and tensile strength. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105708.	3.3	8
39	Developing a Thin Film Composite Membrane with Hydrophilic Sulfonated Substrate on Nonwoven Backing Fabric Support for Forward Osmosis. <i>Membranes</i> , 2021, 11, 813.	1.4	8
40	Thin-Film Nanocomposite Forward Osmosis Membranes Prepared on PVC Substrates with Polydopamine Functionalized Zr-Based Metal Organic Frameworks. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 7067-7079.	1.8	8
41	Monitoring and eco-toxicity effect of paraben-based pollutants in sediments/seawater, north of the Persian Gulf. <i>Environmental Geochemistry and Health</i> , 2022, 44, 4499-4521.	1.8	7
42	Thin-Film Composite Forward Osmosis Membranes Reinforced on Woven Mesh and Nonwoven Backing Fabric Supports. <i>Chemical Engineering and Technology</i> , 2021, 44, 1251-1258.	0.9	6
43	Cyanide adsorption from aqueous solution using mesoporous zeolite modified by cetyltrimethylammonium bromide surfactant. , 0, 97, 285-294.		6
44	Assessing biomimetic aquaporin membrane for forward osmosis desalination process: A dataset. <i>Data in Brief</i> , 2019, 26, 104482.	0.5	3
45	Fertiliser-Drawn Forward Osmosis Desalination for Fertigation. , 2015, , 395-426.		1
46	Reverse and forward osmosis membrane technologies. , 2022, , 275-309.		0