Soheila Shokrollahzadeh

List of Publications by Year
in descending order

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Version: 2024-02-01

34 papers	942 citations	567144 15 h-index	454834 30 g-index
34 all docs	34 docs citations	34 times ranked	1308 citing authors

#	Article	IF	Citations
1	Regulation of phosphate acquisition in Saccharomyces cerevisiae. Current Genetics, 2003, 43, 225-244.	0.8	135
2	Biodegradation potential and bacterial diversity of a petrochemical wastewater treatment plant in Iran. Bioresource Technology, 2008, 99, 6127-6133.	4.8	122
3	Fabrication of thin film composite forward osmosis membrane using electrospun polysulfone/polyacrylonitrile blend nanofibers as porous substrate. Desalination, 2018, 425, 68-76.	4.0	81
4	Preparation of graphene oxide/chitosan/FeOOH nanocomposite for the removal of Pb(II) from aqueous solution. International Journal of Biological Macromolecules, 2015, 80, 475-480.	3.6	75
5	Controlled biosynthesis of silver nanoparticles using nitrate reductase enzyme induction of filamentous fungus and their antibacterial evaluation. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1588-1596.	1.9	71
6	Extracellular biosynthesis of silver nanoparticles using a novel and non-pathogenic fungus, Neurospora intermedia: controlled synthesis and antibacterial activity. World Journal of Microbiology and Biotechnology, 2014, 30, 693-704.	1.7	55
7	Forward osmosis water desalination: Fabrication of graphene oxide-polyamide/polysulfone thin-film nanocomposite membrane with high water flux and low reverse salt diffusion. Separation Science and Technology, 2018, 53, 573-583.	1.3	55
8	Chemical Oxidation for Removal of Hydrocarbons from Gasâ€“Field Produced Water. Procedia Engineering, 2012, 42, 942-947.	1.2	36
9	Solvent-free methanolysis of canola oil in a packed-bed reactor with use of Novozym 435 plus loofa. Enzyme and Microbial Technology, 2009, 45, 188-194.	1.6	35
10	Photocatalytic inactivation of Vibrio fischeri using Fe2O3-TiO2-based nanoparticles. Environmental Research, 2018, 166, 497-506.	3.7	30
11	Anti-algal activity of Fe2O3â€“TiO2 photocatalyst on Chlorella vulgaris species under visible light irradiation. Chemosphere, 2020, 242, 125119.	4.2	30
12	Cross-linked chitosan into graphene oxide-iron(III) oxide hydroxide as nano-biosorbent for Pd(II) and Cd(II) removal. International Journal of Biological Macromolecules, 2021, 166, 229-237.	3.6	23
13	Structural investigation and application of Tween 80-choline chloride self-assemblies as osmotic agent for water desalination. Scientific Reports, 2021, 11, 17068.	1.6	22
14	Forward osmosis using highly water dispersible sodium alginate sulfate coated-Fe3O4 nanoparticles as innovative draw solution for water desalination. Chemical Engineering Research and Design, 2021, 146, 789-799.	2.7	19
15	Toward tailoring of a new draw solute for forward osmosis process: Branched poly (deep eutectic) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	18
16	A new nano-ZnO/perlite as an efficient catalyst for catalytic ozonation of azo dye. Environmental Engineering Research, 2019, 24, 513-520.	1.5	15
17	Microalgae biomass dewatering by forward osmosis: Review and critical challenges. Algal Research, 2021, 56, 102323.	2.4	14
18	Mechanism study of silver nanoparticle production using Neurospora intermedia. IET Nanobiotechnology, 2017, 11, 157-163.	1.9	13

#	Article	IF	Citations
19	Enhancing forward osmosis performance via an oligomeric deep eutectic solvent as a draw solute. Desalination, 2020, 491, 114473.	4.0	13
20	High-Flux sodium alginate sulfate draw solution for water recovery from saline waters and wastewaters via forward osmosis. Chemical Engineering Journal, 2021, 417, 129250.	6.6	12
21	Effect of surfactants on photocatalytic toxicity of TiO2- based nanoparticles toward Vibrio fischeri marine bacteria. Inorganic Chemistry Communication, 2020, 116, 107936.	1.8	8
22	Application of halophilic microorganisms in osmotic membrane bioreactor (OMBR) for reduction of volume and organic load of produced water. Journal of Water Process Engineering, 2020, 37, 101422.	2.6	7
23	Degradation of tetrachloroethene using aerobic Sphingopyxis ummariensis bacteria in a gas-recycling fixed-bed bioreactor. Journal of Environmental Chemical Engineering, 2021, 9, 105098.	3.3	7
24	Comparative Study on the Harvesting of Marine Chlorella vulgaris Microalgae from a Dilute Slurry Using Autoflocculation-Sedimentation and Electrocoagulation-Flotation Methods. International Journal of Environmental Research, 2020, 14, 615-628.	1.1	6
25	Simulation of forward osmosis process: Modification of mass transfer coefficient and osmotic pressure equations. Journal of Environmental Chemical Engineering, 2021, 9, 106698.	3.3	6
26	Superheated Water Extraction ofLavandula LatifoliaMedik Volatiles: Comparison with Conventional Techniques. Journal of Essential Oil Research, 2008, 20, 482-487.	1.3	5
27	Biodegradation of tetrachloroethylene by a newly isolated aerobic Sphingopyxis ummariensis VR13. Korean Journal of Chemical Engineering, 2019, 36, 1305-1312.	1.2	5
28	Synergistic effect of amino-acids and metal salts as draw solutions to enhance the performance of fertilizer-drawn forward osmosis. Environmental Science: Water Research and Technology, 2020, 6, 3121-3131.	1.2	5
29	Forward osmosis dewatering of seawater and pesticide contaminated effluents using the commercial fertilizers and zinc-nitrate blend draw solutions. Science of the Total Environment, 2022, 820, 153376.	3.9	5
30	Application of sodium bicarbonate as draw solution in forward osmosis desalination: influence of temperature and linear flow velocity. Desalination and Water Treatment, 0, , 1-8.	1.0	4
31	Desalination of saline water via forward osmosis using magnetic nanoparticles covalently functionalized with citrate ions as osmotic agent. Environmental Technology (United Kingdom), 2020, , 1-11.	1.2	4
32	Growth kinetics and Pho84 phosphate transporter activity of Saccharomyces cerevisiae under phosphate-limited conditions. Journal of Industrial Microbiology and Biotechnology, 2006, 34, 17-25.	1.4	3
33	Forward osmosis performance in extracting water from produced water. Journal of Applied Water Engineering and Research, 2022, 10, 78-86.	1.0	3
34	Polymer-based forward osmosis membranes. , 2022, , 419-470.		0