

# 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  | Forward osmosis performance in extracting water from produced water. <i>Journal of Applied Water Engineering and Research</i> , 2022, 10, 78-86.   | 1.0 | 3         |
| 2  | Forward osmosis dewatering of seawater and pesticide contaminated effluents using the commercial fertilizers and zinc-nitrate blend draw solutions. <i>Science of the Total Environment</i> , 2022, 820, 153376.   | 3.9 | 5         |
| 3  | Polymer-based forward osmosis membranes. , 2022, , 419-470.  |     | 0         |
| 4  | Forward osmosis using highly water dispersible sodium alginate sulfate coated-Fe <sub>3</sub> O <sub>4</sub> nanoparticles as innovative draw solution for water desalination. <i>Chemical Engineering Research and Design</i> , 2021, 146, 789-799.               | 2.7 | 19        |
| 5  | Cross-linked chitosan into graphene oxide-iron(III) oxide hydroxide as nano-biosorbent for Pd(II) and Cd(II) removal. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 229-237.  | 3.6 | 23        |
| 6  | Degradation of tetrachloroethene using aerobic <i>Sphingopyxis ummariensis</i> bacteria in a gas-recycling fixed-bed bioreactor. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105098.   | 3.3 | 7         |
| 7  | Microalgae biomass dewatering by forward osmosis: Review and critical challenges. <i>Algal Research</i> , 2021, 56, 102323.  | 2.4 | 14        |
| 8  | High-Flux sodium alginate sulfate draw solution for water recovery from saline waters and wastewaters via forward osmosis. <i>Chemical Engineering Journal</i> , 2021, 417, 129250.  | 6.6 | 12        |
| 9  | Structural investigation and application of Tween 80-choline chloride self-assemblies as osmotic agent for water desalination. <i>Scientific Reports</i> , 2021, 11, 17068.  | 1.6 | 22        |
| 10 | Simulation of forward osmosis process: Modification of mass transfer coefficient and osmotic pressure equations. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106698.   | 3.3 | 6         |
| 11 | Anti-algal activity of Fe <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> photocatalyst on <i>Chlorella vulgaris</i> species under visible light irradiation. <i>Chemosphere</i> , 2020, 242, 125119.  | 4.2 | 30        |
| 12 | Toward tailoring of a new draw solute for forward osmosis process: Branched poly (deep eutectic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50  | 2.3 | 18        |
| 13 | Comparative Study on the Harvesting of Marine <i>Chlorella vulgaris</i> Microalgae from a Dilute Slurry Using Autoflocculation-Sedimentation and Electrocoagulation-Flotation Methods. <i>International Journal of Environmental Research</i> , 2020, 14, 615-628. | 1.1 | 6         |
| 14 | Desalination of saline water via forward osmosis using magnetic nanoparticles covalently functionalized with citrate ions as osmotic agent. <i>Environmental Technology (United Kingdom)</i> , 2020, , 1-11.   | 1.2 | 4         |
| 15 | Application of halophilic microorganisms in osmotic membrane bioreactor (OMBR) for reduction of volume and organic load of produced water. <i>Journal of Water Process Engineering</i> , 2020, 37, 101422.   | 2.6 | 7         |
| 16 | Enhancing forward osmosis performance via an oligomeric deep eutectic solvent as a draw solute. <i>Desalination</i> , 2020, 491, 114473.   | 4.0 | 13        |
| 17 | Effect of surfactants on photocatalytic toxicity of TiO <sub>2</sub> - based nanoparticles toward <i>Vibrio fischeri</i> marine bacteria. <i>Inorganic Chemistry Communication</i> , 2020, 116, 107936.  | 1.8 | 8         |
| 18 | Synergistic effect of amino-acids and metal salts as draw solutions to enhance the performance of fertilizer-drawn forward osmosis. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3121-3131.  | 1.2 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Biodegradation of tetrachloroethylene by a newly isolated aerobic <i>Sphingopyxis ummariensis</i> VR13. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1305-1312.  | 1.2 | 5         |
| 20 | A new nano-ZnO/perlite as an efficient catalyst for catalytic ozonation of azo dye. <i>Environmental Engineering Research</i> , 2019, 24, 513-520.  | 1.5 | 15        |
| 21 | Fabrication of thin film composite forward osmosis membrane using electrospun polysulfone/polycrylonitrile blend nanofibers as porous substrate. <i>Desalination</i> , 2018, 425, 68-76.  | 4.0 | 81        |
| 22 | Forward osmosis water desalination: Fabrication of graphene oxide-polyamide/polysulfone thin-film nanocomposite membrane with high water flux and low reverse salt diffusion. <i>Separation Science and Technology</i> , 2018, 53, 573-583.             | 1.3 | 55        |
| 23 | Photocatalytic inactivation of <i>Vibrio fischeri</i> using Fe <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> -based nanoparticles. <i>Environmental Research</i> , 2018, 166, 497-506.  | 3.7 | 30        |
| 24 | Mechanism study of silver nanoparticle production using <i>Neurospora intermedia</i> . <i>IET Nanobiotechnology</i> , 2017, 11, 157-163.  | 1.9 | 13        |
| 25 | Controlled biosynthesis of silver nanoparticles using nitrate reductase enzyme induction of filamentous fungus and their antibacterial evaluation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1588-1596.                       | 1.9 | 71        |
| 26 | Preparation of graphene oxide/chitosan/FeOOH nanocomposite for the removal of Pb(II) from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 475-480.  | 3.6 | 75        |
| 27 | Extracellular biosynthesis of silver nanoparticles using a novel and non-pathogenic fungus, <i>Neurospora intermedia</i> : controlled synthesis and antibacterial activity. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 693-704. | 1.7 | 55        |
| 28 | Chemical Oxidation for Removal of Hydrocarbons from Gas-Field Produced Water. <i>Procedia Engineering</i> , 2012, 42, 942-947.  | 1.2 | 36        |
| 29 | Solvent-free methanolysis of canola oil in a packed-bed reactor with use of Novozym 435 plus loofa. <i>Enzyme and Microbial Technology</i> , 2009, 45, 188-194.   | 1.6 | 35        |
| 30 | Biodegradation potential and bacterial diversity of a petrochemical wastewater treatment plant in Iran. <i>Bioresource Technology</i> , 2008, 99, 6127-6133.  | 4.8 | 122       |
| 31 | Superheated Water Extraction of <i>Lavandula Latifolia</i> Medic Volatiles: Comparison with Conventional Techniques. <i>Journal of Essential Oil Research</i> , 2008, 20, 482-487.  | 1.3 | 5         |
| 32 | Growth kinetics and Pho84 phosphate transporter activity of <i>Saccharomyces cerevisiae</i> under phosphate-limited conditions. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 34, 17-25.  | 1.4 | 3         |
| 33 | Regulation of phosphate acquisition in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2003, 43, 225-244.   | 0.8 | 135       |
| 34 | Application of sodium bicarbonate as draw solution in forward osmosis desalination: influence of temperature and linear flow velocity. <i>Desalination and Water Treatment</i> , 0, , 1-8.  | 1.0 | 4         |