

Yaldah Azimi

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Effects of nitrogen and phosphorus concentrations on the growth of microalgae <i>Scenedesmus</i> . LX1 in suspended-solid phase photobioreactors (ssPBR). <i>Biomass and Bioenergy</i> , 2018, 109, 47-53. | 5.7 | 45 |
| 2 | Enhanced attached growth of microalgae <i>Scenedesmus</i> . LX1 through ambient bacterial pre-coating of cotton fiber carriers. <i>Bioresource Technology</i> , 2016, 218, 643-649. | 9.6 | 38 |
| 3 | Kinetics of UV inactivation of wastewater bioflocs. <i>Water Research</i> , 2012, 46, 3827-3836. | 11.3 | 31 |
| 4 | UV disinfection of wastewater flocs: the effect of secondary treatment conditions. <i>Water Science and Technology</i> , 2013, 67, 2719-2723. | 2.5 | 10 |
| 5 | Enhancing disinfection by advanced oxidation under UV irradiation in polyphosphate-containing wastewater flocs. <i>Water Research</i> , 2014, 54, 179-187. | 11.3 | 9 |
| 6 | The tail of two models: Impact of circularity and biomass non-homogeneity on UV disinfection of wastewater flocs. <i>Water Research</i> , 2017, 126, 70-78. | 11.3 | 8 |
| 7 | Tailing propensity in the ultraviolet disinfection of trickling filter and activated sludge wastewater treatment processes. <i>Water Science and Technology</i> , 2017, 76, 623-632. | 2.5 | 8 |
| 8 | Membrane processes. <i>Water Environment Research</i> , 2020, 92, 1447-1498. | 2.7 | 8 |
| 9 | Effect of Activated Sludge Retention Time, Operating Temperature, and Influent Phosphorus Deficiency on Floc Physicochemical Characteristics and UV Disinfection. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 12485-12493. | 3.7 | 7 |
| 10 | Comparative study of chemical and physical methods for distinguishing between passive and metabolically active mechanisms of water contaminant removal by biofilms. <i>Water Research</i> , 2016, 101, 574-581. | 11.3 | 6 |
| 11 | Phosphorus Depletion as a Green Alternative to Biocides for Controlling Biodegradation of Metalworking Fluids. <i>Environmental Science & Technology</i> , 2017, 51, 5695-5702. | 10.0 | 6 |
| 12 | Design and testing of an externally-coupled planar waveguide photobioreactor. <i>Algal Research</i> , 2019, 44, 101684. | 4.6 | 3 |
| 13 | The role of rhizofiltration and allelopathy on the removal of cyanobacteria in a continuous flow system. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27731-27741. | 5.3 | 2 |