

Farshid Pajoum Shariati

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

475
citations

759233

12
h-index

752698

20
g-index

32
all docs

32
docs citations

32
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane bioreactor for treatment of pharmaceutical wastewater containing acetaminophen. Desalination, 2010, 250, 798-800.	8.2	66
2	Treatment of paper-recycling wastewater by electrocoagulation using aluminum and iron electrodes. Journal of Environmental Health Science & Engineering, 2018, 16, 257-264.	3.0	40
3	Beta-carotene production within <i>Dunaliella salina</i> cells under salt stress condition in an indoor hybrid helical tubular photobioreactor. Canadian Journal of Chemical Engineering, 2020, 98, 69-74.	1.7	39
4	Hydrodynamics and oxygen transfer behaviour of water in diesel microemulsions in a draft tube airlift bioreactor. Chemical Engineering and Processing: Process Intensification, 2007, 46, 334-342.	3.6	38
5	Fouling in a novel airlift oxidation ditch membrane bioreactor (AOXMBR) at different high organic loading rate. Separation and Purification Technology, 2013, 105, 69-78.	7.9	27
6	Nitrate and phosphate removal from treated wastewater by <i>Chlorella vulgaris</i> under various light regimes within membrane flat plate photobioreactor. Environmental Progress and Sustainable Energy, 2021, 40, e13519.	2.3	27
7	Application of response surface methodology (RSM) for optimizing coagulation process of paper recycling wastewater using <i>Ocimum basilicum</i> . Environmental Technology (United Kingdom), 2020, 41, 100-108.	2.2	23
8	Biomass characterization by dielectric monitoring of viability and oxygen uptake rate measurements in a novel membrane bioreactor. Bioresource Technology, 2013, 140, 357-362.	9.6	22
9	Effect of different light-dark cycles on the membrane fouling, EPS and SMP production in a novel reciprocal membrane photobioreactor (RMPBR) by <i>C. vulgaris</i> species. Journal of Water Process Engineering, 2021, 43, 102256.	5.6	18
10	Performance of an integrated fixed bed membrane bioreactor (FBMBR) applied to pollutant removal from paper-recycling wastewater. Water Resources and Industry, 2019, 21, 100111.	3.9	17
11	Performance Assessment of a Novel Pyramid Photobioreactor for Cultivation of Microalgae Using External and Internal Light Sources. Food Technology and Biotechnology, 2019, 57, 68-76.	2.1	17
12	Effect of light/dark cycle on nitrate and phosphate removal from synthetic wastewater based on BG11 medium by <i>Scenedesmus</i> sp.. 3 Biotech, 2019, 9, 150.	2.2	14
13	CO ₂ biofixation by <i>Synechococcus elongatus</i> from the power plant flue gas under various light-dark cycles. Clean Technologies and Environmental Policy, 2020, 22, 1735-1743.	4.1	14
14	Perspectives on Membrane Bioreactor Potential for Treatment of Pulp and Paper Industry Wastewater: A Critical Review. Journal of Applied Biotechnology Reports, 2018, 5, 139-150.	0.9	12
15	The influence of various orifice diameters on cake resistance and pore blocking resistance of a hybrid membrane photobioreactor (HMPBR). Separation and Purification Technology, 2020, 235, 116187.	7.9	11
16	First-principle study of doping effects (Ti, Cu, and Zn) on electrochemical performance of Li_2MnO_3 cathode materials for lithium-ion batteries. International Journal of Quantum Chemistry, 2021, 121, e26458.	2.0	10
17	Effects of flashing light-emitting diodes (LEDs) on membrane fouling in a reciprocal membrane photobioreactor (RMPBR) to assess nitrate and phosphate removal from whey wastewater. Journal of Applied Phycology, 2021, 33, 1513-1524.	2.8	10
18	Effect of various light spectra on amino acids and pigment production of <i>Arthrospira platensis</i> using flat-plate photobioreactor. Preparative Biochemistry and Biotechnology, 2021, , 1-12.	1.9	9

#	ARTICLE	IF	CITATIONS
19	The effect of mechanical cleaning technology (MCT) on membrane fouling in a novel hybrid membrane photobioreactor (HMPBR) containing <i>Arthrospira platensis</i> (Spirulina). <i>Journal of Applied Phycology</i> , 2020, 32, 83-91.	2.8	8
20	Fouling identification in reciprocal membrane photobioreactor (RMPBR) containing <i>Chlorella vulgaris</i> species: Hydraulic resistances assessment. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 404-411.	3.2	8
21	Dielectric monitoring and respirometric activity of a high cell density activated sludge. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 425-431.	2.2	6
22	The effect of audible sound frequency on the growth and beta-carotene production of <i>Dunaliella salina</i> . <i>South African Journal of Botany</i> , 2021, 141, 373-382.	2.5	6
23	In vitro co-delivery evaluation of PEGylated nano-liposome loaded by glycyrrhizic acid and cisplatin on cancer cell lines. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	5
24	Optimization of culture media to enhance the ability of local <i>Bacillus thuringiensis</i> var. <i>tenebrionis</i> . <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2020, 19, 468-475.	1.9	5
25	Determination of ozone adsorption in activated sludge system and its effect on sludge properties. <i>Desalination and Water Treatment</i> , 2015, 54, 3575-3581.	1.0	4
26	Optimization of conditions for single-step purification of recombinant hepatitis B surface antigen produced in <i>Pichia pastoris</i> using ion exchange chromatography. <i>Separation Science and Technology</i> , 2020, 55, 1380-1387.	2.5	4
27	Fabrication of a new reactor design to apply freshwater mussel <i>Anodonta cygnea</i> for biological removal of water pollution. <i>Aquaculture</i> , 2021, 544, 737077.	3.5	4
28	Paper-recycling wastewater treatment using <i>Ocimum basilicum</i> L. along with alum: Optimization by response surface methodology (RSM). , 0, 116, 205-213.		4
29	Parametric numerical study and optimization of mass transfer and bubble size distribution in a gas-liquid stirred tank bioreactor equipped with Rushton turbine using computational fluid dynamics. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 1115-1131.	1.1	3
30	An Investigation into the Efficiency of Microalgal Dynamic Membrane Photobioreactor in Nickel Removal from Synthesized Vegetable Oil Industry Wastewater: a water energy nexus case study. <i>Energy Nexus</i> , 2022, , 100116.	7.7	3
31	The comparison between two methods of membrane cleaning to control membrane fouling in a hybrid membrane photobioreactor (HMPBR). <i>Preparative Biochemistry and Biotechnology</i> , 2023, 53, 394-400.	1.9	1
32	Evaluation of Lipophilic Properties of Thermoplastic Granule in Formulation of Sustained Release Matrix in Solid Dosage Forms. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 660-667.	0.8	0