

Reza Gheshlaghi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

944
citations

471061

17
h-index

476904

29
g-index

32
all docs

32
docs citations

32
times ranked

1348
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the biodesulphurization capacity of <i>Rhodococcus</i> sp. FUM94 in a biphasic system through optimization of operational factors. <i>Journal of Applied Microbiology</i> , 2022, 132, 3461-3475.	1.4	7
2	Algal cultivation strategies for enhancing production of <i>Chlorella sorokiniana</i> IG-W-96 biomass and bioproducts. <i>Algal Research</i> , 2022, 62, 102630.	2.4	13
3	Investigating the effects of eleven key physicochemical factors on growth and lipid accumulation of <i>Chlorella</i> sp. as a feedstock for biodiesel production. <i>Journal of Biotechnology</i> , 2021, 340, 64-74.	1.9	26
4	Impact of light/dark cycle on electrical and electrochemical characteristics of algal cathode sediment microbial fuel cells. <i>Journal of Power Sources</i> , 2020, 475, 228686.	4.0	21
5	A comparison study of different decellularization treatments on bovine articular cartilage. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1861-1871.	1.3	24
6	Economic optimization of stacked microbial fuel cells to maximize power generation and treatment of wastewater with minimal operating costs. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20355-20367.	3.8	44
7	Improved transesterification conditions for production of clean fuel from municipal wastewater microalgae feedstock. <i>Journal of Cleaner Production</i> , 2019, 241, 118388.	4.6	15
8	Optimization of lipid production in <i>Chlorella vulgaris</i> for biodiesel production using flux balance analysis. <i>Biochemical Engineering Journal</i> , 2019, 141, 131-145.	1.8	27
9	Characterization of Truncated dsz Operon Responsible for Dibenzothiophene Biodesulfurization in <i>Rhodococcus</i> sp. FUM94. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 885-896.	1.4	6
10	Effect of light spectrum on isolation of microalgae from urban wastewater and growth characteristics of subsequent cultivation of the isolated species. <i>Algal Research</i> , 2018, 29, 154-158.	2.4	31
11	Construction and Characterization of a New Recombinant Vector to Remove Sulfate Repression of dsz Promoter Transcription in Biodesulfurization of Dibenzothiophene. <i>Frontiers in Microbiology</i> , 2018, 9, 1578.	1.5	16
12	Electricity generation from river sediments using a partitioned open channel sediment microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 5252-5260.	3.8	29
13	Dynamic modeling of a continuous two-chamber microbial fuel cell with pure culture of <i>Shewanella</i> . <i>International Journal of Hydrogen Energy</i> , 2017, 42, 21198-21202.	3.8	21
14	CNT-decellularized cartilage hybrids for tissue engineering applications. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 065008.	1.7	17
15	Mathematical modeling of two-chamber batch microbial fuel cell with pure culture of <i>Shewanella</i> . <i>Chemical Engineering Research and Design</i> , 2017, 117, 34-42.	2.7	49
16	The effect of number and configuration of sediment microbial fuel cells on their performance in an open channel architecture. <i>Journal of Power Sources</i> , 2016, 325, 739-744.	4.0	26
17	Neural network and neuro-fuzzy modeling to investigate the power density and Columbic efficiency of microbial fuel cell. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 58, 84-91.	2.7	38
18	Improved lipid and biomass productivities in <i>Chlorella vulgaris</i> by differing the inoculation medium from the production medium. <i>Biofuel Research Journal</i> , 2016, 3, 410-416.	7.2	21

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19	Suitability of Sequence-Based Feature Vector for Classification Algorithm Improves Accuracy of Human Protein-Protein Interaction Prediction: A Red Blood Cell Case Study. <i>Current Bioinformatics</i> , 2016, 11, 291-300.	0.7	4
20	Optimization of the performance of a double-chamber microbial fuel cell through factorial design of experiments and response surface methodology. <i>Fuel</i> , 2015, 150, 434-440.	3.4	50
21	Optimization of dissolved air flotation technique in harvesting microalgae from treated wastewater without flocculants addition. <i>Journal of Renewable and Sustainable Energy</i> , 2015, 7, .	0.8	10
22	The Response Surface Method as an Experimental Design Technique to Explore and Model the Performance of Corrosion Inhibitors. <i>Corrosion</i> , 2015, 71, 819-827.	0.5	8
23	The effects of viscosity, surface tension, and flow rate on gasoil-water flow pattern in microchannels. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 45-49.	1.2	11
24	Role of ohmic resistance on the performance of pure culture microbial fuel cell. , 2012, , .		0
25	Lipid content and biomass production of <i>Chlorella vulgaris</i> is affected by growth conditions. , 2012, , .		1
26	Metabolic pathways of clostridia for producing butanol. <i>Biotechnology Advances</i> , 2009, 27, 764-781.	6.0	200
27	Application of statistical design for the optimization of amino acid separation by reverse-phase HPLC. <i>Analytical Biochemistry</i> , 2008, 383, 93-102.	1.1	100
28	Characterization and modeling of a crude oil desalting plant by a statistically designed approach. <i>Journal of Petroleum Science and Engineering</i> , 2008, 61, 116-123.	2.1	44
29	Metabolic flux analysis for optimizing the specific growth rate of recombinant <i>Aspergillus niger</i> . <i>Bioprocess and Biosystems Engineering</i> , 2007, 30, 397-418.	1.7	14
30	Medium optimization for hen egg white lysozyme production by recombinant <i>Aspergillus niger</i> using statistical methods. <i>Biotechnology and Bioengineering</i> , 2005, 90, 754-760.	1.7	69