

Esra Imamoglu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

469
citations

623734

14
h-index

713466

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g-index

32
all docs

32
docs citations

32
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of different stress media and high light intensities on accumulation of astaxanthin in the green alga <i>Haematococcus pluvialis</i> . <i>New Biotechnology</i> , 2009, 26, 199-204.	4.4	65
2	Scale-up and kinetic modeling for bioethanol production. <i>Bioresource Technology</i> , 2013, 144, 311-320.	9.6	40
3	Biohydrogen production using mutant strains of <i>Chlamydomonas reinhardtii</i> : The effects of light intensity and illumination patterns. <i>Biochemical Engineering Journal</i> , 2014, 92, 47-52.	3.6	38
4	Comparison of different photobioreactor configurations and empirical computational fluid dynamics simulation for fucoxanthin production. <i>Algal Research</i> , 2019, 37, 195-204.	4.6	32
5	Large-scale bioprospecting of cyanobacteria, micro- and macroalgae from the Aegean Sea. <i>New Biotechnology</i> , 2016, 33, 399-406.	4.4	28
6	The effects of single and combined cellulosic agrowaste substrates on bioethanol production. <i>Fuel</i> , 2014, 134, 477-484.	6.4	25
7	Biohydrogen production from model microalgae <i>Chlamydomonas reinhardtii</i> : A simulation of environmental conditions for outdoor experiments. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 7502-7510.	7.1	25
8	Comparison of different cultivation modes and light intensities using mono-cultures and co-cultures of <i>Haematococcus pluvialis</i> and <i>Chlorella zofingiensis</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 414-420.	3.2	22
9	A novel subcritical fucoxanthin extraction with a biorefinery approach. <i>Biochemical Engineering Journal</i> , 2020, 153, 107403.	3.6	21
10	Transition from start-up to scale-up for fucoxanthin production in flat plate photobioreactor. <i>Journal of Applied Phycology</i> , 2019, 31, 1525-1533.	2.8	20
11	Fatty acid profile and lipid content of <i>Cylindrotheca closterium</i> cultivated in air-lift photobioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 2290-2296.	3.2	19
12	Semi-continuous Cultivation of <i>Haematococcus pluvialis</i> for Commercial Production. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 764-772.	2.9	18
13	Computational fluid dynamics simulation in scaling-up of airlift photobioreactor for astaxanthin production. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 86-92.	2.2	18
14	Process optimization and modeling for the cultivation of <i>Nannochloropsis</i> sp. and <i>Tetraselmis striata</i> via response surface methodology. <i>Journal of Phycology</i> , 2015, 51, 442-453.	2.3	16
15	Computational fluid dynamics modelling of stirred tank photobioreactor for <i>Haematococcus pluvialis</i> production: Hydrodynamics and mixing conditions. <i>Algal Research</i> , 2020, 47, 101854.	4.6	16
16	Aeration-enhanced bioethanol production. <i>Biochemical Engineering Journal</i> , 2014, 92, 41-46.	3.6	13
17	Evaluation of culture conditions of locally isolated <i>Dunaliella salina</i> strain EgeMacc-024. <i>Biochemical Engineering Journal</i> , 2014, 92, 22-27.	3.6	10
18	Evaluation of scale-up parameters of bioethanol production from <i>Escherichia coli</i> KO11. <i>Turkish Journal of Biochemistry</i> , 2015, 40, 74-80.	0.5	10

#	ARTICLE	IF	CITATIONS
19	Determination of Superoxide Dismutase Activities in Different Cyanobacteria for Scavenging of Reactive Oxygen Species. Journal of Biologically Active Products From Nature, 2015, 5, 25-32.	0.3	6
20	Regional Differences in Rice Hulls Supply for Bioethanol Production. Applied Biochemistry and Biotechnology, 2013, 171, 2065-2074.	2.9	4
21	Evaluation of scale-up methodologies and computational fluid dynamics simulation for fucoxanthin production in airlift photobioreactor. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2532.	1.5	4
22	Enhanced Microalgal Lipid Production in Internally Illuminated Airlift Photobioreactor. Marine Technology Society Journal, 2019, 53, 38-45.	0.4	4
23	Growth Kinetics of Nanofrustulum Shiloi Under Different Mixing Conditions in Flat-plate Photobioreactor. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	4
24	Development of a Controlled Injection Method Using Support Templates for the Production of Chemobronic Materials. ACS Omega, 2022, 7, 23910-23918.	3.5	4
25	Simulation design for microalgal protein optimization. Bioengineered, 2015, 6, 342-346.	3.2	3
26	Effects of geometrical configurations of photobioreactors on the growth of marine benthic diatom <i>Cylindrotheca closterium</i> / Fotobiyoreaktörlerin geometrik konfigürasyonlar±n±n sucul bentik diatom <i>Cylindrotheca closterium</i> ±zremesi ±zerine etkisi. Turkish Journal of Biochemistry, 2016, 41, .	0.5	2
27	Screening of fatty acid composition in <i>Nitzschia</i> sp.. Turkish Journal of Biochemistry, 2017, 42, 273-277.	0.5	1
28	Optimization of Cryopreservation Process Using Response Surface Methodology for <i>Chlorella saccharophila</i> and <i>Chlorella zofingiensis</i> . Celal Bayar Universitesi Fen Bilimleri Dergisi, 2018, 14, 405-412.	0.5	1
29	Optimization of physical parameters for phycobiliprotein extracted from <i>Oscillatoria agardhii</i> and <i>Synechococcus nidulans</i> / <i>Oscillatoria agardhii</i> ve <i>Synechococcus nidulans</i> t±rlerinden fikobiliprotein ekstraksiyonu ±sin fiziksel parametrelerin optimizasyonu. Turkish Journal of Biochemistry, 2015, 40, .	0.5	0
30	Trends in a natural product fucoxanthin. Su ±cer±nleri Dergisi, 2021, 38, 117-124.	0.3	0