

Esra Imamoglu

List of Publications by Year in descending order

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papers

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docs citations

32
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citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Controlled Injection Method Using Support Templates for the Production of Chemobrionic Materials. ACS Omega, 2022, 7, 23910-23918.	3.5	4
2	Trends in a natural product fucoxanthin. Su Öcer'leri Dergisi, 2021, 38, 117-124.	0.3	0
3	A novel subcritical fucoxanthin extraction with a biorefinery approach. Biochemical Engineering Journal, 2020, 153, 107403.	3.6	21
4	Computational fluid dynamics simulation in scaling-up of airlift photobioreactor for astaxanthin production. Journal of Bioscience and Bioengineering, 2020, 129, 86-92.	2.2	18
5	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
6	Computational fluid dynamics modelling of stirred tank photobioreactor for Haematococcus pluvialis production: Hydrodynamics and mixing conditions. Algal Research, 2020, 47, 101854.	4.6	16
7	Comparison of different photobioreactor configurations and empirical computational fluid dynamics simulation for fucoxanthin production. Algal Research, 2019, 37, 195-204.	4.6	32
8	Transition from start-up to scale-up for fucoxanthin production in flat plate photobioreactor. Journal of Applied Phycology, 2019, 31, 1525-1533.	2.8	20
9	Enhanced Microalgal Lipid Production in Internally Illuminated Airlift Photobioreactor. Marine Technology Society Journal, 2019, 53, 38-45.	0.4	4
10	Optimization of Cryopreservation Process Using Response Surface Methodology for Chlorella saccharophila and Chlorella zofingiensis. Celal Bayar Üniversitesi Fen Bilimleri Dergisi, 2018, 14, 405-412.	0.5	1
11	Screening of fatty acid composition in <i>Nitzschia</i> sp.. Turkish Journal of Biochemistry, 2017, 42, 273-277.	0.5	1
12	Effects of geometrical configurations of photobioreactors on the growth of marine benthic diatom <i>Cylindrotheca closterium</i> / Fotobiyoreaktörlerin geometrik konfigürasyonları'nın sucül bentik diatom <i>Cylindrotheca closterium</i> 'üzerine etkisi. Turkish Journal of Biochemistry, 2016, 41, .	0.5	2
13	Large-scale bioprospecting of cyanobacteria, micro- and macroalgae from the Aegean Sea. New Biotechnology, 2016, 33, 399-406.	4.4	28
14	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> türlerinden fikobiliprotein ekstraksiyonu için fiziksel parametrelerin optimizasyonu. Turkish Journal of Biochemistry, 2015, 40, .	0.5	0
15	Process optimization and modeling for the cultivation of <i>Nannochloropsis</i> sp. and <i>Tetraselmis striata</i> via response surface methodology. Journal of Phycology, 2015, 51, 442-453.	2.3	16
16	Biohydrogen production from model microalgae <i>Chlamydomonas reinhardtii</i> : A simulation of environmental conditions for outdoor experiments. International Journal of Hydrogen Energy, 2015, 40, 7502-7510.	7.1	25
17	Evaluation of scale-up parameters of bioethanol production from <i>Escherichia coli</i> KO11. Turkish Journal of Biochemistry, 2015, 40, 74-80.	0.5	10
18	Fatty acid profile and lipid content of <i>Cylindrotheca closterium</i> cultivated in air-lift photobioreactor. Journal of Chemical Technology and Biotechnology, 2015, 90, 2290-2296.	3.2	19

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19	Determination of Superoxide Dismutase Activities in Different Cyanobacteria for Scavenging of Reactive Oxygen Species. <i>Journal of Biologically Active Products From Nature</i> , 2015, 5, 25-32.	0.3	6
20	Simulation design for microalgal protein optimization. <i>Bioengineered</i> , 2015, 6, 342-346.	3.2	3
21	Aeration-enhanced bioethanol production. <i>Biochemical Engineering Journal</i> , 2014, 92, 41-46.	3.6	13
22	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
23	The effects of single and combined cellulosic agrowaste substrates on bioethanol production. <i>Fuel</i> , 2014, 134, 477-484.	6.4	25
24	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
25	Regional Differences in Rice Hulls Supply for Bioethanol Production. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 2065-2074.	2.9	4
26	Scale-up and kinetic modeling for bioethanol production. <i>Bioresource Technology</i> , 2013, 144, 311-320.	9.6	40
27	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
28	Semi-continuous Cultivation of <i>Haematococcus pluvialis</i> for Commercial Production. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 764-772.	2.9	18
29	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
30	Growth Kinetics of <i>Nanofrustulum Shiloi</i> Under Different Mixing Conditions in Flat-plate Photobioreactor. <i>Brazilian Archives of Biology and Technology</i> , 0, 63, .	0.5	4