

Tugba Keskin Gundogdu

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,339
citations

471371

17
h-index

526166

27
g-index

35
all docs

35
docs citations

35
times ranked

1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous fermentative hydrogen production from cheese whey wastewater under thermophilic anaerobic conditions. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7441-7447.	3.8	181
2	Photofermentative hydrogen production from wastes. <i>Bioresource Technology</i> , 2011, 102, 8557-8568.	4.8	158
3	Hydrogen production from sugar industry wastes using single-stage photofermentation. <i>Bioresource Technology</i> , 2012, 112, 131-136.	4.8	143
4	Experimental design methods for bioengineering applications. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 368-388.	5.1	83
5	Continuous biohydrogen production in immobilized biofilm system versus suspended cell culture. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 1418-1424.	3.8	80
6	Sustainable valorization of food wastes into solid fuel by hydrothermal carbonization. <i>Bioresource Technology</i> , 2019, 292, 121959.	4.8	77
7	Comparative Evaluation of Bio-Hydrogen Production From Cheese Whey Wastewater Under Thermophilic and Mesophilic Anaerobic Conditions. <i>International Journal of Green Energy</i> , 2009, 6, 192-200.	2.1	71
8	Enhancement of biogas production from olive mill effluent (OME) by co-digestion. <i>Biomass and Bioenergy</i> , 2008, 32, 1195-1201.	2.9	69
9	Determining the effect of trace elements on biohydrogen production from fruit and vegetable wastes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10666-10677.	3.8	61
10	Sustainable hydrogen production options from food wastes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10595-10604.	3.8	58
11	Comparative analysis of thermophilic immobilized biohydrogen production using packed materials of ceramic ring and pumice stone. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 15160-15167.	3.8	47
12	Biohydrogen production from autoclaved fruit and vegetable wastes by dry fermentation under thermophilic condition. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 18776-18784.	3.8	47
13	Improvement in anaerobic degradation of olive mill effluent (OME) by chemical pretreatment using batch systems. <i>Biochemical Engineering Journal</i> , 2008, 38, 379-383.	1.8	44
14	Biodegradation performance of an anaerobic hybrid reactor treating olive mill effluent under various organic loading rates. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 690-698.	1.9	42
15	Effect of percolation frequency on biohydrogen production from fruit and vegetable wastes by dry fermentation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 18767-18775.	3.8	27
16	Biohydrogen Production From Solid Wastes. , 2019, , 321-346.		25
17	Effects of size and autoclavation of fruit and vegetable wastes on biohydrogen production by dark dry anaerobic fermentation under mesophilic condition. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 17767-17780.	3.8	24
18	Effect of organic loading rate on the performance of an up-flow anaerobic sludge blanket reactor treating olive mill effluent. <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 99-104.	1.4	20

#	ARTICLE	IF	CITATIONS
19	Reactor Designs and Configurations for Biological and Bioelectrochemical C1 Gas Conversion: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11683.	1.2	16
20	The Determination of the Trace Element Effects on Basal Medium by Using the Statistical Optimization Approach for Biogas Production from Chicken Manure. <i>Waste and Biomass Valorization</i> , 2019, 10, 2497-2506.	1.8	11
21	Biohydrogen production via a novel immobilized cell bioreactor. <i>Biofuels</i> , 2013, 4, 595-603.	1.4	10
22	Enhancement of Biohydrogen Production via Thermophilic Cell Culture Immobilized on Glass Beads and Raschig Rings of Different Sizes in a Packed Bed Reactor. <i>Chemical and Biochemical Engineering Quarterly</i> , 2016, 29, 541-547.	0.5	9
23	Bioprocesses for resource recovery from waste gases: Current trends and industrial applications. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 111926.	8.2	9
24	Design of Low-Cost Ethanol Production Medium from Syngas: An Optimization of Trace Metals for <i>Clostridium ljungdahlii</i> . <i>Energies</i> , 2021, 14, 6981.	1.6	8
25	Improvement in Anaerobic Degradation of Olive Mill Effluent (OME) by Pre-Treatment Using H_2O_2 , UV- H_2O_2 and Fenton's Process. <i>International Journal of Green Energy</i> , 2008, 5, 189-198.	2.1	7
26	Enhancement of Biohydrogen Production by Two-Stage Systems: Dark and Photofermentation. , 2012, , 313-340.		5
27	Comparison of Conventional and Novel Pre-treatment Methods for Bioethanol Production from Fruit and Vegetable Wastes. <i>Chemical and Biochemical Engineering Quarterly</i> , 2020, 33, 471-483.	0.5	4
28	The effect of corn syrup and whey on the conversion process of CO to ethanol using <i>Clostridium ljungdahlii</i> . <i>Chemosphere</i> , 2020, 261, 127734.	4.2	2
29	Performance Characteristics of a Pilot Anaerobic Digester Fed by Farmer's Market Wastes. <i>Journal of Fundamentals of Renewable Energy and Applications</i> , 2017, 07, .	0.2	1
30	Bioethanol Production Through Syngas Fermentation by a Novel Immobilized Bioreactor Using <i>Clostridium Ragsdalei</i> . <i>Icontech International Journal</i> , 2021, 5, 13-20.	0.1	0
31	FINAL DECLARATION OF THE 1ST WORKSHOP ON BIODESIGN AT THE INTERSECTION OF CREATIVITY AND BIOENGINEERING. <i>Deu Muhendislik Fakultesi Fen Ve Muhendislik</i> , 2016, 18, 7-7.	0.1	0
32	Evaluation of the effect of initial solid matter concentration and season on anaerobic biodegradation of municipal solid wastes. <i>Sakarya University Journal of Science</i> , 0, , 1-1.	0.3	0
33	Enhancement of Thermophilic Digestion of Food Waste (FW) via Trace Element Supplementation. <i>Journal of Chemical Engineering Research Updates</i> , 2019, 6, 8-17.	0.1	0
34	Bioethanol production by syngas fermentation from pyrolysis gas using mixed culture: Heat-pretreatment effect. <i>Pamukkale University Journal of Engineering Sciences</i> , 2020, 26, 1299-1307.	0.2	0
35	New Experimental Approaches to Sand Hardening by Microbial Biocalcification. <i>Bitlis Eren Üniversitesi Fen Bilimleri Dergisi</i> , 2020, 9, 390-401.	0.1	0