

Gergely Ernő Lakatos

List of Publications by Year in descending order

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17
papers

704
citations

623734

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839539

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docs citations

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718
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioethanol production from microalgae polysaccharides. <i>Folia Microbiologica</i> , 2019, 64, 627-644.	2.3	86
2	Bacterial symbionts enhance photo-fermentative hydrogen evolution of <i>Chlamydomonas</i> algae. <i>Green Chemistry</i> , 2014, 16, 4716-4727.	9.0	75
3	Exploitation of algal-bacterial associations in a two-stage biohydrogen and biogas generation process. <i>Biotechnology for Biofuels</i> , 2015, 8, 59.	6.2	75
4	Metagenome changes in the mesophilic biogas-producing community during fermentation of the green alga <i>Scenedesmus obliquus</i> . <i>Journal of Biotechnology</i> , 2015, 215, 52-61.	3.8	66
5	Surpassing the current limitations of biohydrogen production systems: The case for a novel hybrid approach. <i>Bioresource Technology</i> , 2016, 204, 192-201.	9.6	64
6	Anaerobic gaseous biofuel production using microalgal biomass – A review. <i>Anaerobe</i> , 2018, 52, 1-8.	2.1	53
7	Variables Governing Photosynthesis and Growth in Microalgae Mass Cultures. <i>Processes</i> , 2021, 9, 820.	2.8	52
8	Growth, biostimulant and biopesticide activity of the MACC-1 <i>Chlorella</i> strain cultivated outdoors in inorganic medium and wastewater. <i>Algal Research</i> , 2021, 53, 102136.	4.6	42
9	<i>Chlorella vulgaris</i> and Its Phycosphere in Wastewater: Microalgae-Bacteria Interactions During Nutrient Removal. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 557572.	4.1	34
10	Production of a defensin-like antifungal protein NFAP from <i>Neosartorya fischeri</i> in <i>Pichia pastoris</i> and its antifungal activity against filamentous fungal isolates from human infections. <i>Protein Expression and Purification</i> , 2014, 94, 79-84.	1.3	31
11	Rapid screening test to estimate temperature optima for microalgae growth using photosynthesis activity measurements. <i>Folia Microbiologica</i> , 2019, 64, 615-625.	2.3	31
12	Factors influencing algal photobiohydrogen production in algal-bacterial co-cultures. <i>Algal Research</i> , 2017, 28, 161-171.	4.6	30
13	Growth and bioactivity of two chlorophyte (<i>Chlorella</i> and <i>Scenedesmus</i>) strains co-cultured outdoors in two different thin-layer units using municipal wastewater as a nutrient source. <i>Algal Research</i> , 2021, 56, 102299.	4.6	21
14	Characterization of Core Microbiomes and Functional Profiles of Mesophilic Anaerobic Digesters Fed With <i>Chlorella vulgaris</i> Green Microalgae and Maize Silage. <i>Frontiers in Energy Research</i> , 2019, 7, .	2.3	19
15	Selenium Incorporation to Amino Acids in <i>Chlorella</i> Cultures Grown in Phototrophic and Heterotrophic Regimes. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1654-1665.	5.2	9
16	Efficient microalgae feed production for fish hatcheries using an annular column photobioreactor characterized by a short light path and central LED illumination. <i>Journal of Applied Phycology</i> , 2022, 34, 31-41.	2.8	8
17	Impact of <i>glgA1</i> , <i>glgA2</i> or <i>glgC</i> overexpression on growth and glycogen production in <i>Synechocystis</i> sp. PCC 6803. <i>Journal of Biotechnology</i> , 2021, 340, 47-56.	3.8	5