

Aron Nemeth

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,358
citations

777949

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620720

26
g-index

33
all docs

33
docs citations

33
times ranked

2310
citing authors

#	ARTICLE	IF	CITATIONS
1	Enrichment of the rebaudioside A concentration in <i>Stevia rebaudiana</i> extract with cyclodextrin glycosyltransferase from <i>Bacillus licheniformis</i> DSM 13. <i>Engineering in Life Sciences</i> , 2022, 22, 30-39.	2.0	6
2	Techno-economic assessment of <i>Bacillus</i> fermentation to produce surfactin and lichenysin. <i>Biochemical Engineering Journal</i> , 2020, 163, 107719.	1.8	25
3	Co-Hydrothermal gasification of <i>Chlorella vulgaris</i> and hydrochar: The effects of waste-to-solid biofuel production and blending concentration on biogas generation. <i>Bioresource Technology</i> , 2020, 302, 122793.	4.8	33
4	Scaled-Up Production and Tableting of Grindable Electrospun Fibers Containing a Protein-Type Drug. <i>Pharmaceutics</i> , 2019, 11, 329.	2.0	24
5	Extraction of steviol glycosides from dried <i>Stevia rebaudiana</i> by pressurized hot water extraction. <i>Acta Alimentaria</i> , 2019, 48, 241-252.	0.3	15
6	Factors Affecting Precipitation of Calcium Lactate from Fermentation Broths and from Aqueous Solution. <i>Periodica Polytechnica: Chemical Engineering</i> , 2019, , .	0.5	1
7	Improvement of microalgae biomass productivity and subsequent biogas yield of hydrothermal gasification via optimization of illumination. <i>Renewable Energy</i> , 2019, 138, 1262-1272.	4.3	41
8	High-throughput microalgae cultivation with adjustable LED-module applying different colours for <i>Nannochloropsis</i> and <i>Chlorella</i> microcultures. <i>Acta Alimentaria</i> , 2019, 48, 115-124.	0.3	3
9	Comparison of the response of alternative oxidase and uncoupling proteins to bacterial elicitor induced oxidative burst. <i>PLoS ONE</i> , 2019, 14, e0210592.	1.1	9
10	Production of the Enzyme Cyclodextrin Glycosyltransferase Using Different Fermentation Techniques. <i>Hungarian Journal of Industrial Chemistry</i> , 2019, 47, .	0.1	3
11	Catalytic Conversion of Carbohydrates to Initial Platform Chemicals: Chemistry and Sustainability. <i>Chemical Reviews</i> , 2018, 118, 505-613.	23.0	898
12	Screening for the Heterotrophic Cultivation of <i>Chlorella</i> <i>Asorokiniana</i> Using an Indirect Impedance Microbiological Technique. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	0.5	0
13	Investigations into Enzymatic Bioconversion to Form Rebaudioside A from Stevioside. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	0.5	4
14	Bio-based 3-hydroxypropionic Acid: A Review. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, 156-166.	0.5	17
15	Bio-produced Acetic Acid: A Review. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, 245-256.	0.5	70
16	Investigation of Differences in the Cultivation of <i>Nannochloropsis</i> and <i>Chlorella</i> species by Fourier-transform Infrared Spectroscopy. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	0.5	1
17	Effect of Algae Treatment On <i>Stevia Rebaudiana</i> Growth. <i>Hungarian Journal of Industrial Chemistry</i> , 2018, 46, 73-77.	0.1	0
18	Lactic acid production from cane molasses. <i>Waste Treatment and Recovery</i> , 2017, 2, 13-16.	0.2	20

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19	Whey utilization in a two-stage fermentation process. <i>Waste Treatment and Recovery</i> , 2017, 2, 17-20.	0.2	2
20	Complex whey utilization: the propionic acid alternative. <i>Waste Treatment and Recovery</i> , 2017, 2, 9-12.	0.2	1
21	Bio-produced Propionic Acid: A Review. <i>Periodica Polytechnica: Chemical Engineering</i> , 2017, 62, 57-67.	0.5	23
22	Examination of Innovative High-Throughput Fermentations. <i>Hungarian Journal of Industrial Chemistry</i> , 2017, 45, 19-21.	0.1	1
23	Application of a High Cell Density Capacitance Sensor to Different Microorganisms. <i>Periodica Polytechnica: Chemical Engineering</i> , 2016, 60, 290-297.	0.5	9
24	In vitro and in silico comparisons of different alternatives for biodiesel byproduct glycerol utilisation. <i>New Biotechnology</i> , 2016, 33, S118.	2.4	0
25	Investigation and modeling of lactic acid fermentation on wheat starch via SSF, CHF and SHF technology. <i>Periodica Polytechnica: Chemical Engineering</i> , 2011, 55, 11.	0.5	10
26	Role of pH-regulation in lactic acid fermentation: Second steps in a process improvement. <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 293-299.	1.8	42
27	Use of sweet sorghum juice for lactic acid fermentation: preliminary steps in a process optimization. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 872-877.	1.6	25
28	Development of a New Bioprocess for Production of 1,3-propanediol I.: Modeling of Glycerol Bioconversion to 1,3-propanediol with <i>Klebsiella pneumoniae</i> Enzymes. <i>Applied Biochemistry and Biotechnology</i> , 2008, 144, 47-58.	1.4	30
29	Difficulties and solutions for the assays of the key enzymes of a new enzymatic glycerol bioconversion. <i>Periodica Polytechnica: Chemical Engineering</i> , 2008, 52, 17.	0.5	5
30	1,3-Propanediol oxidoreductase production with <i>Klebsiella pneumoniae</i> DSM2026. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 659-663.	1.7	39