

Myrto P Zacharof

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

999
citations

623734

14
h-index

642732

23
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29
all docs

29
docs citations

29
times ranked

1468
citing authors

#	ARTICLE	IF	CITATIONS
1	Industrial Symbiosis: Beer Brewery Wastewater-Based Biorefinery. <i>Circular Economy and Sustainability</i> , 2021, 1, 593-609.	5.5	5
2	Testing the Waste Based Biorefinery Concept: Pilot Scale Cultivation of Microalgal Species on Spent Anaerobic Digestate Fluids. <i>Waste and Biomass Valorization</i> , 2020, 11, 3883-3896.	3.4	5
3	Ceramic Microfiltration Membranes in Wastewater Treatment: Filtration Behavior, Fouling and Prevention. <i>Membranes</i> , 2020, 10, 248.	3.0	60
4	Mercury, Arsenic and Lead Removal by Air Gap Membrane Distillation: Experimental Study. <i>Water (Switzerland)</i> , 2020, 12, 1574.	2.7	22
5	Towards a Sustainable Water Supply: Humic Acid Removal Employing Coagulation and Tangential Cross Flow Microfiltration. <i>Water (Switzerland)</i> , 2019, 11, 2093.	2.7	4
6	Nutrient recovery and fractionation of anaerobic digester effluents employing pilot scale membrane technology. <i>Journal of Water Process Engineering</i> , 2019, 31, 100846.	5.6	15
7	An Exploration of the Sub-Register of Chemical Engineering Research Papers Published in English. <i>Publications</i> , 2018, 6, 30.	3.8	0
8	Intensive Production of Carboxylic Acids Using <i>C. butyricum</i> in a Membrane Bioreactor (MBR). <i>Fermentation</i> , 2018, 4, 81.	3.0	2
9	Formulation and utilisation of spent anaerobic digestate fluids for the growth and product formation of single cell algal cultures in heterotrophic and autotrophic conditions. <i>Bioresource Technology</i> , 2017, 244, 1445-1455.	9.6	27
10	Grape Winery Waste as Feedstock for Bioconversions: Applying the Biorefinery Concept. <i>Waste and Biomass Valorization</i> , 2017, 8, 1011-1025.	3.4	123
11	Nanofiltration of treated digested agricultural wastewater for recovery of carboxylic acids. <i>Journal of Cleaner Production</i> , 2016, 112, 4749-4761.	9.3	68
12	Adding value to wastewater by resource recovery and reformulation as growth media: current prospects and potential. <i>Journal of Water Reuse and Desalination</i> , 2015, 5, 473-479.	2.3	12
13	Valorization of spent anaerobic digester effluents through production of platform chemicals using <i>Clostridium butyricum</i> . <i>Biomass and Bioenergy</i> , 2015, 81, 294-303.	5.7	14
14	Recovery of volatile fatty acids (VFA) from complex waste effluents using membranes. <i>Water Science and Technology</i> , 2014, 69, 495-503.	2.5	63
15	The filtration characteristics of anaerobic digester effluents employing cross flow ceramic membrane microfiltration for nutrient recovery. <i>Desalination</i> , 2014, 341, 27-37.	8.2	30
16	The use of membrane technology for the formulation of spent anaerobic digester effluents as a nutrient source for bacterial growth. , 2014, , .		1
17	Low molecular weight liquid media development for <i>Lactobacilli</i> producing bacteriocins. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 72-80.	3.2	7
18	Partially chemically defined liquid medium development for intensive propagation of industrial fermentation <i>Lactobacilli</i> strains. <i>Annals of Microbiology</i> , 2013, 63, 1235-1245.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Complex Effluent Streams as a Potential Source of Volatile Fatty Acids. Waste and Biomass Valorization, 2013, 4, 557-581.	3.4	125
20	Separation of lactobacilli bacteriocins from fermented broths using membranes. Process Biochemistry, 2013, 48, 1252-1261.	3.7	20
21	Strategies for the recovery of nutrients and metals from anaerobically digested dairy farm sludge using cross-flow microfiltration. Water Research, 2013, 47, 4833-4842.	11.3	61
22	Modelling and simulation of cell growth dynamics, substrate consumption, and lactic acid production kinetics of Lactococcus lactis. Biotechnology and Bioprocess Engineering, 2013, 18, 52-64.	2.6	23
23	Bacteriocins Produced by Lactic Acid Bacteria a Review Article. APCBEE Procedia, 2012, 2, 50-56.	0.5	285
24	Investigation of Shelf Life of Potency and Activity of the Lactobacilli Produced Bacteriocins Through Their Exposure to Various Physicochemical Stress Factors. Probiotics and Antimicrobial Proteins, 2012, 4, 187-197.	3.9	13
25	An innovative growth strategy for propagation and bacteriocin production of LACTOBACILLI. , 2012, , .		0
26	The use of mixed effluent liquid wastes as a source of valuable nutrients. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	2