

# Myrto P Zacharof

## List of Publications by Year in descending order

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26  
papers

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citations

623734

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h-index

642732

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docs citations

29  
times ranked

1468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteriocins Produced by Lactic Acid Bacteria a Review Article. APCBEE Procedia, 2012, 2, 50-56.	0.5	285
2	Complex Effluent Streams as a Potential Source of Volatile Fatty Acids. Waste and Biomass Valorization, 2013, 4, 557-581.	3.4	125
3	Grape Winery Waste as Feedstock for Bioconversions: Applying the Biorefinery Concept. Waste and Biomass Valorization, 2017, 8, 1011-1025.	3.4	123
4	Nanofiltration of treated digested agricultural wastewater for recovery of carboxylic acids. Journal of Cleaner Production, 2016, 112, 4749-4761.	9.3	68
5	Recovery of volatile fatty acids (VFA) from complex waste effluents using membranes. Water Science and Technology, 2014, 69, 495-503.	2.5	63
6	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
7	Ceramic Microfiltration Membranes in Wastewater Treatment: Filtration Behavior, Fouling and Prevention. Membranes, 2020, 10, 248.	3.0	60
8	The filtration characteristics of anaerobic digester effluents employing cross flow ceramic membrane microfiltration for nutrient recovery. Desalination, 2014, 341, 27-37.	8.2	30
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. Bioresource Technology, 2017, 244, 1445-1455.	9.6	27
10	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
11	Mercury, Arsenic and Lead Removal by Air Gap Membrane Distillation: Experimental Study. Water (Switzerland), 2020, 12, 1574.	2.7	22
12	Separation of lactobacilli bacteriocins from fermented broths using membranes. Process Biochemistry, 2013, 48, 1252-1261.	3.7	20
13	Nutrient recovery and fractionation of anaerobic digester effluents employing pilot scale membrane technology. Journal of Water Process Engineering, 2019, 31, 100846.	5.6	15
14	Valorization of spent anaerobic digester effluents through production of platform chemicals using Clostridium butyricum. Biomass and Bioenergy, 2015, 81, 294-303.	5.7	14
15	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
16	Adding value to wastewater by resource recovery and reformulation as growth media: current prospects and potential. Journal of Water Reuse and Desalination, 2015, 5, 473-479.	2.3	12
17	Partially chemically defined liquid medium development for intensive propagation of industrial fermentation lactobacilli strains. Annals of Microbiology, 2013, 63, 1235-1245.	2.6	9
18	Low molecular weight liquid media development for Lactobacilli producing bacteriocins. Journal of Chemical Technology and Biotechnology, 2013, 88, 72-80.	3.2	7

#	ARTICLE	IF	CITATIONS
19	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
20	Industrial Symbiosis: Beer Brewery Wastewater-Based Biorefinery. <i>Circular Economy and Sustainability</i> , 2021, 1, 593-609.	5.5	5
21	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
22	Intensive Production of Carboxylic Acids Using <i>C. butyricum</i> in a Membrane Bioreactor (MBR). <i>Fermentation</i> , 2018, 4, 81.	3.0	2
23	The use of mixed effluent liquid wastes as a source of valuable nutrients. <i>WIT Transactions on Ecology and the Environment</i> , 2012, , .	0.0	2
24	The use of membrane technology for the formulation of spent anaerobic digester effluents as a nutrient source for bacterial growth. , 2014, , .		1
25	An Exploration of the Sub-Register of Chemical Engineering Research Papers Published in English. <i>Publications</i> , 2018, 6, 30.	3.8	0
26	An innovative growth strategy for propagation and bacteriocin production of <i>LACTOBACILLI</i> . , 2012, , .		0