

# Mayri A DÃ-az De Rienzo

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Sophorolipid biosurfactants: Possible uses as antibacterial and antibiofilm agent. <i>New Biotechnology</i> , 2015, 32, 720-726.	4.4	182
2	Microbial biofilms: biosurfactants as antibiofilm agents. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9915-9929.	3.6	177
3	Antibacterial properties of biosurfactants against selected Gram-positive and -negative bacteria. <i>FEMS Microbiology Letters</i> , 2016, 363, fnv224.	1.8	125
4	Comparative study of the production of rhamnolipid biosurfactants by <i>B. thailandensis</i> E264 and <i>P. aeruginosa</i> ATCC 9027 using foam fractionation. <i>Process Biochemistry</i> , 2016, 51, 820-827.	3.7	92
5	Effect of biosurfactants on <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> biofilms in a BioFlux channel. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5773-5779.	3.6	80
6	Surfactants: physicochemical interactions with biological macromolecules. <i>Biotechnology Letters</i> , 2021, 43, 523-535.	2.2	71
7	<i>Pseudomonas aeruginosa</i> biofilm disruption using microbial surfactants. <i>Journal of Applied Microbiology</i> , 2016, 120, 868-876.	3.1	66
8	The effect of sophorolipids against microbial biofilms on medical-grade silicone. <i>Journal of Biotechnology</i> , 2020, 309, 34-43.	3.8	40
9	Effect of Mono and Di-rhamnolipids on Biofilms Pre-formed by <i>Bacillus subtilis</i> BBK006. <i>Current Microbiology</i> , 2016, 73, 183-189.	2.2	32
10	Production of Mannosylerythritol Lipids (MELs) to be Used as Antimicrobial Agents Against <i>S. aureus</i> ATCC 6538. <i>Current Microbiology</i> , 2020, 77, 1373-1380.	2.2	30
11	Total synthesis, isolation, surfactant properties, and biological evaluation of ananatosides and related macrolactone-containing rhamnolipids. <i>Chemical Science</i> , 2021, 12, 7533-7546.	7.4	12
12	In Silico Selection and In Vitro Evaluation of New Molecules That Inhibit the Adhesion of <i>Streptococcus mutans</i> through Antigen I/II. <i>International Journal of Molecular Sciences</i> , 2021, 22, 377.	4.1	12
13	Use of electrical resistance tomography (ERT) for the detection of biofilm disruption mediated by biosurfactants. <i>Food and Bioproducts Processing</i> , 2018, 110, 1-5.	3.6	8
14	Antimicrobial properties of sophorolipids produced by <i>Candida Bombicola</i> ATCC 22214 against gram positive and Gram-negative bacteria. <i>New Biotechnology</i> , 2014, 31, S66-S67.	4.4	5
15	Influence of microbial adherence on corrosion of UNS 1008 carbon steel and hybrid nano-structured coatings. <i>Anti-Corrosion Methods and Materials</i> , 2018, 65, 152-157.	1.5	3