

# Faustino Sineriz

## List of Publications by Citations

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48  
papers

1,094  
citations

18  
h-index

32  
g-index

48  
ext. papers

1,158  
ext. citations

3.4  
avg, IF

3.45  
L-index

#	Paper	IF	Citations
48	Regulation of allosteric membrane-bound enzymes through changes in membrane lipid composition. <i>BBA - Biomembranes</i> , <b>1975</b> , 415, 231-51		301
47	Purification and characterization of a thermostable xylanase from <i>Bacillus amyloliquefaciens</i> . <i>Enzyme and Microbial Technology</i> , <b>1998</b> , 22, 42-49	3.8	77
46	Enhancement of hydrocarbon waste biodegradation by addition of a biosurfactant from <i>Bacillus subtilis</i> O9. <i>Biodegradation</i> , <b>2000</b> , 11, 65-71	4.1	74
45	Diverse UV-B resistance of culturable bacterial community from high-altitude wetland water. <i>Current Microbiology</i> , <b>2006</b> , 52, 359-62	2.4	54
44	Effects of <i>Bacillus subtilis</i> O9 biosurfactant on the bioremediation of crude oil-polluted soils. <i>Biodegradation</i> , <b>2004</b> , 15, 281-7	4.1	52
43	<i>Bacillus patagoniensis</i> sp. nov., a novel alkali-tolerant bacterium from the rhizosphere of <i>Atriplex lampa</i> in Patagonia, Argentina. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2005</b> , 55, 443-447	2.2	49
42	Quantification of surfactin in culture supernatants by hemolytic activity. <i>Biotechnology Letters</i> , <b>2002</b> , 24, 177-180	3	44
41	Isolation and characterization of biosurfactant-producing <i>Alcanivorax</i> strains: hydrocarbon accession strategies and alkane hydroxylase gene analysis. <i>Research in Microbiology</i> , <b>2009</b> , 160, 19-26	4	38
40	Plant growth promotion traits of phosphobacteria isolated from Puna, Argentina. <i>Archives of Microbiology</i> , <b>2011</b> , 193, 489-96	3	34
39	Cell immobilization for production of lactic acid biofilms do it naturally. <i>Advances in Applied Microbiology</i> , <b>2010</b> , 71, 113-48	4.9	25
38	Regulation by membrane fluidity of the allosteric behavior of the (Ca <sup>2+</sup> )-adenosine triphosphatase from <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , <b>1973</b> , 115, 723-6	3.5	25
37	Indigo production by <i>Pseudomonas</i> sp. J26, a marine naphthalene-degrading strain. <i>Journal of Basic Microbiology</i> , <b>2010</b> , 50, 290-3	2.7	24
36	Lipid-protein interactions in membranes: Arrhenius plots and Hill plots in membrane-bound (Ca <sup>2+</sup> )-ATPase of <i>Escherichia coli</i> . <i>FEBS Letters</i> , <b>1973</b> , 32, 30-2	3.8	23
35	A plate technique for screening of inulin degrading microorganisms. <i>Journal of Microbiological Methods</i> , <b>1995</b> , 22, 51-56	2.8	21
34	Production of amylolytic enzymes by <i>Bacillus amyloliquefaciens</i> in pure culture and in co-culture with <i>Zymomonas mobilis</i> . <i>Biotechnology Letters</i> , <b>1999</b> , 21, 249-252	3	19
33	Treatment of slaughterhouse wastewaters using anaerobic filters. <i>Environmental Technology (United Kingdom)</i> , <b>2014</b> , 35, 322-32	2.6	18
32	Isolation of <i>Sphaerotilus-Leptothrix</i> strains from iron bacteria communities in Tierra del Fuego wetlands. <i>FEMS Microbiology Ecology</i> , <b>2014</b> , 90, 454-66	4.3	18

31	Improved performance of a hybrid design over an anaerobic filter for the treatment of dairy industry wastewater at laboratory scale. <i>Journal of Bioscience and Bioengineering</i> , <b>1995</b> , 79, 270-272		18
30	Revision of the taxonomic position of the xylanolytic <i>Bacillus</i> sp. MIR32 reidentified as <i>Bacillus halodurans</i> and plasmid-mediated transformation of <i>B. halodurans</i> . <i>Extremophiles</i> , <b>2002</b> , 6, 391-5	3	16
29	Heterotropic Macroeffector For Cooperative Behavior of Ca <sup>2+</sup> -Adenosine Triphosphatase of <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , <b>1974</b> , 249, 7701-7706	5.4	14
28	Thermal stabilization by polyols of Xylanase from <i>Bacillus amyloliquefaciens</i> . <i>Journal of Chemical Technology and Biotechnology</i> , <b>1998</b> , 71, 241-245	3.5	12
27	Denitrification by thermophilic soil bacteria with ethanol as substrate in a USB reactor. <i>Biotechnology Letters</i> , <b>1991</b> , 13, 299-304	3	12
26	Molecular characterization and in situ detection of bacterial communities associated with rhizosphere soil of high altitude native Poaceae from the Andean Puna region. <i>Journal of Arid Environments</i> , <b>2010</b> , 74, 1177-1185	2.5	10
25	Isolation of Xylanase from whole broth of <i>Bacillus amyloliquefaciens</i> by adsorption on a matrix in fluidized bed with low degree of expansion. <i>Bioseparation</i> , <b>1999</b> , 8, 273-280		10
24	Levan production using mutant strains of <i>Zymomonas mobilis</i> in different culture conditions. <i>Biotechnology Letters</i> , <b>2000</b> , 22, 1639-1642	3	9
23	Effect of environmental pH on the fermentation balance of <i>Lactobacillus reuteri</i> . <i>Journal of Applied Bacteriology</i> , <b>1994</b> , 77, 388-391		9
22	Characterization of alkaline proteases from a novel alkali-tolerant bacterium <i>Bacillus patagoniensis</i> . <i>World Journal of Microbiology and Biotechnology</i> , <b>2006</b> , 22, 737-743	4.4	8
21	Acid Pullulanase from <i>Bacillus polymyxa</i> MIR-23. <i>Applied Biochemistry and Biotechnology</i> , <b>1992</b> , 37, 227-233	3.3	8
20	Modelling and operation of a turbidity-meter for on-line monitoring of microbial growth in fermenters. <i>Process Biochemistry</i> , <b>1995</b> , 30, 767-772	4.8	7
19	Andrimid production at low temperature by a psychrotolerant <i>Serratia proteamaculans</i> strain. <i>World Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 29, 1773-81	4.4	6
18	Chromosomal integration and expression of green fluorescent protein in <i>Zymomonas mobilis</i> . <i>Biotechnology Letters</i> , <b>2002</b> , 24, 1285-1290	3	6
17	Characteristics of packings for use in anaerobic filters. <i>Environmental Technology (United Kingdom)</i> , <b>1990</b> , 11, 213-218	2.6	6
16	Sequence analysis, cloning and over-expression of an endoxylanase from the alkaliphilic <i>Bacillus halodurans</i> . <i>Biotechnology Letters</i> , <b>2005</b> , 27, 545-50	3	5
15	Separation of bacterial xylanase by precipitation using eudragit S100. <i>Journal of Biotechnology</i> , <b>1998</b> , 61, 219-223	3.7	5
14	Temperature effects on upflow anaerobic filter performance. <i>Environmental Technology Letters</i> , <b>1988</b> , 9, 769-774		5

13	Specificity and mode of action of a thermostable xylanase from bacillus amyloliquefaciens on-line monitoring of hydrolysis products. <i>Applied Biochemistry and Biotechnology</i> , <b>1998</b> , 69, 31-40	3.2	4
12	Amylolytic enzymes produced by Bacillus amyloliquefaciens MIR-41 in batch and continuous culture. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2007</b> , 56, 289-294	3.5	4
11	Selection of an extracellular esterase-producing microorganism. <i>Journal of Industrial Microbiology</i> , <b>1992</b> , 10, 165-168		4
10	Presence of an L(+)-lactate dehydrogenase in cells of Lactobacillus delbrueckii ssp. bulgaricus. <i>Biochimie</i> , <b>1989</b> , 71, 639-44	4.6	4
9	Effect of protein concentration on the inhibition by ouabain of (Na + + K + )-ATPase from rat erythrocytes. <i>Life Sciences</i> , <b>1971</b> , 10, 797-804	6.8	4
8	Preliminary characterization of microbial communities in high altitude wetlands of northwestern Argentina by determining terminal restriction fragment length polymorphisms. <i>Revista Latinoamericana De Microbiología</i> , <b>2004</b> , 46, 72-80		4
7	Cu(II) removal by Rhodotorula mucilaginosa RCL-11 in sequential batch cultures. <i>Water Science and Technology</i> , <b>2009</b> , 60, 1225-32	2.2	3
6	Simple method for plasmid mediated transformation of different Bacillus species. <i>Biotechnology Letters</i> , <b>1999</b> , 13, 337-340		2
5	A spectrophotometric method for the quantitative measurement of pullulan. <i>Journal of Microbiological Methods</i> , <b>1992</b> , 16, 253-258	2.8	2
4	Microbial Physiology Applied to Process Optimisation: Lactic Acid Bacteria <b>1998</b> , 97-110		1
3	Effects of pH and temperature on the continuous production of amylolytic enzymes by bacillus amyloliquefaciens MIR-41. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2007</b> , 58, 277-280	3.5	
2	Influence of the incorporation of cholesterol on the doubling time and on the arrhenius and hill plots of two membrane-bound enzymes of Escherichia coli K12. <i>Current Microbiology</i> , <b>1983</b> , 8, 215-220	2.4	
1	Microorganisms from Patagonia and Antarctica and Their Cold-Active Skills for Using Polymeric Materials <b>2016</b> , 155-167		