

Jes s Mu oz-Rojas

List of Publications by Year in descending order

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33
papers

1,146
citations

471509

17
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

1568
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent tolerance in Gram-negative bacteria. <i>Current Opinion in Biotechnology</i> , 2012, 23, 415-421.	6.6	169
2	Next generation of microbial inoculants for agriculture and bioremediation. <i>Microbial Biotechnology</i> , 2017, 10, 19-21.	4.2	107
3	Compatible bacterial mixture, tolerant to desiccation, improves maize plant growth. <i>PLoS ONE</i> , 2017, 12, e0187913.	2.5	106
4	A <i>Pseudomonas putida</i> cardiolipin synthesis mutant exhibits increased sensitivity to drugs related to transport functionality. <i>Environmental Microbiology</i> , 2007, 9, 1135-1145.	3.8	93
5	Population Dynamics of <i>Gluconacetobacter diazotrophicus</i> in Sugarcane Cultivars and Its Effect on Plant Growth. <i>Microbial Ecology</i> , 2003, 46, 454-464.	2.8	86
6	Involvement of Cyclopropane Fatty Acids in the Response of <i>Pseudomonas putida</i> KT2440 to Freeze-Drying. <i>Applied and Environmental Microbiology</i> , 2006, 72, 472-477.	3.1	84
7	Specific gamma-aminobutyrate chemotaxis in pseudomonads with different lifestyle. <i>Molecular Microbiology</i> , 2015, 97, 488-501.	2.5	67
8	Chromium Hyper-Tolerant <i>Bacillus</i> sp. MH778713 Assists Phytoremediation of Heavy Metals by Mesquite Trees (<i>Prosopis laevigata</i>). <i>Frontiers in Microbiology</i> , 2019, 10, 1833.	3.5	56
9	Rhizoremediation of lindane by root-colonizing <i>Sphingomonas</i> . <i>Microbial Biotechnology</i> , 2008, 1, 87-93.	4.2	50
10	The RpoT Regulon of <i>Pseudomonas putida</i> DOT-T1E and Its Role in Stress Endurance against Solvents. <i>Journal of Bacteriology</i> , 2007, 189, 207-219.	2.2	44
11	Culturable Facultative Methylotrophic Bacteria from the Cactus <i>Neobuxbaumia macrocephala</i> ; Possess the Locus <i>xoxF</i> ; and Consume Methanol in the Presence of Ce^{3+} and Ca^{2+} . <i>Microbes and Environments</i> , 2017, 32, 244-251.	1.6	33
12	The importance of antimicrobial compounds produced by beneficial bacteria on the biocontrol of phytopathogens. <i>Acta Biologica Colombiana</i> , 2020, 25, 140-154.	0.4	32
13	Antagonism among <i>Gluconacetobacter diazotrophicus</i> strains in culture media and in endophytic association. <i>FEMS Microbiology Ecology</i> , 2005, 54, 57-66.	2.7	28
14	A Bacterial Consortium Interacts With Different Varieties of Maize, Promotes the Plant Growth, and Reduces the Application of Chemical Fertilizer Under Field Conditions. <i>Frontiers in Sustainable Food Systems</i> , 2021, 4, .	3.9	23
15	<i>Tatumella ptyseos</i> , an Unrevealed Causative Agent of Pink Disease in Pineapple. <i>Journal of Phytopathology</i> , 2010, 158, 93-99.	1.0	19
16	Structural characterization of scorpion peptides and their bactericidal activity against clinical isolates of multidrug-resistant bacteria. <i>PLoS ONE</i> , 2019, 14, e0222438.	2.5	19
17	Desiccation-induced viable but nonculturable state in <i>Pseudomonas putida</i> KT2440, a survival strategy. <i>PLoS ONE</i> , 2019, 14, e0219554.	2.5	17
18	Growth response of maize plantlets inoculated with <i>Enterobacter</i> spp., as a model for alternative agriculture. <i>Revista Argentina De Microbiologia</i> , 2011, 43, 287-93.	0.7	17

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19	Detection of <i>Pantoea ananatis</i> , causal agent of leaf spot disease of maize, in Mexico. Australasian Plant Disease Notes, 2009, 4, 96-99.	0.7	15
20	Long-Chain Hydrocarbons (C21, C24, and C31) Released by <i>Bacillus</i> sp. MH778713 Break Dormancy of Mesquite Seeds Subjected to Chromium Stress. Frontiers in Microbiology, 2020, 11, 741.	3.5	14
21	Application of Bipartite Networks to the Study of Water Quality. Sustainability, 2020, 12, 5143.	3.2	11
22	The decrease in the population of <i>Gluconacetobacter diazotrophicus</i> in sugarcane after nitrogen fertilization is related to plant physiology in split root experiments. Revista Argentina De Microbiologia, 2015, 47, 335-343.	0.7	10
23	Antagonistic interactions among bacteria inhabiting pineapple. Applied Soil Ecology, 2012, 61, 230-235.	4.3	9
24	Diversity and phenotypic analyses of salt- and heat-tolerant wild bean <i>Phaseolus filiformis</i> rhizobia native of a sand beach in Baja California and description of <i>Ensifer aridi</i> sp. nov.. Archives of Microbiology, 2020, 202, 309-322.	2.2	8
25	Bacterial Mixtures, the Future Generation of Inoculants for Sustainable Crop Production. Sustainable Development and Biodiversity, 2019, , 11-44.	1.7	7
26	Growth inhibition of pathogenic microorganisms by <i>Pseudomonas protegens</i> EMM-1 and partial characterization of inhibitory substances. PLoS ONE, 2020, 15, e0240545.	2.5	5
27	Influence of rehydration on transcriptome during resuscitation of desiccated <i>Pseudomonas putida</i> KT2440. Annals of Microbiology, 2020, 70, .	2.6	4
28	Loci identification of a N-acyl homoserine lactone type quorum sensing system and a new LysR-type transcriptional regulator associated with antimicrobial activity and swarming in <i>Burkholderia gladioli</i> UAPS07070. Open Life Sciences, 2019, 14, 165-178.	1.4	3
29	Identification of <i>Klebsiella Variicola</i> T29A Genes Involved In Tolerance To Desiccation. Open Microbiology Journal, 2019, 13, 256-267.	0.7	3
30	Importance of producing economic compounds to combat cancer. Microbial Biotechnology, 2017, 10, 683-684.	4.2	2
31	Aislamiento y selección de bacterias promotoras de crecimiento vegetal para su aplicación en especies forestales. Mexican Journal of Biotechnology, 2018, 3, 36-53.	0.3	1
32	APORTES Y DIFICULTADES DE LA METAGENÓMICA DE SUELOS Y SU IMPACTO EN LA AGRICULTURA.. Acta Biologica Colombiana, 2021, 26, 449-461.	0.4	0
33	Actividad antimicrobiana del aceite de naranja residual. Cuadernos De Investigación UNED, 2018, 10, 469-474.	0.1	0