

MarÃ-a Soledad VÃ;squez-Murrieta

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,030
citations

361413

20
h-index

434195

31
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all docs

41
docs citations

41
times ranked

1340
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic and chromium resistance mechanisms in the <i>Micrococcus luteus</i> group. <i>Pedosphere</i> , 2023, 33, 600-611.	4.0	2
2	Metallophores production by bacteria isolated from heavy metal-contaminated soil and sediment at Lerma Chapala Basin. <i>Archives of Microbiology</i> , 2022, 204, 180.	2.2	3
3	<i>Paenibacillus polymyxa</i> NMA1017 as a potential biocontrol agent of <i>Phytophthora tropicalis</i> , causal agent of cacao black pod rot in Chiapas, Mexico. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 55-68.	1.7	12
4	Bioactive compounds in tomato (<i>Solanum lycopersicum</i>) variety saladette and their relationship with soil mineral content. <i>Food Chemistry</i> , 2021, 344, 128608.	8.2	19
5	Heavy-metal resistance mechanisms developed by bacteria from Lerma Chapala basin. <i>Archives of Microbiology</i> , 2021, 203, 1807-1823.	2.2	12
6	Morphological and molecular identification of <i>Phytophthora tropicalis</i> causing black pod rot in Mexico. <i>Canadian Journal of Plant Pathology</i> , 2021, 43, 670-679.	1.4	4
7	Inhibition of <i>Rhizoctonia solani</i> RhCh-14 and <i>Pythium ultimum</i> PyFr-14 by <i>Paenibacillus polymyxa</i> NMA1017 and <i>Burkholderia cenocepacia</i> CACua-24: A proposal for biocontrol of phytopathogenic fungi. <i>Microbiological Research</i> , 2020, 230, 126347.	5.3	29
8	<i>Paraburkholderia lycopersici</i> sp. nov., a nitrogen-fixing species isolated from rhizoplane of <i>Lycopersicon esculentum</i> Mill. var. Saladette in Mexico. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126133.	2.8	17
9	Draft genome of five <i>Cupriavidus plantarum</i> strains: agave, maize and sorghum plant-associated bacteria with resistance to metals. <i>3 Biotech</i> , 2020, 10, 242.	2.2	1
10	Plant growth-promoting bacteria isolated from wild legume nodules and nodules of <i>Phaseolus vulgaris</i> L. trap plants in central and southern Mexico. <i>Microbiological Research</i> , 2020, 239, 126522.	5.3	34
11	Temporal analysis of the microbial communities in a nitrate-contaminated aquifer and the co-occurrence of anammox, n-damo and nitrous-oxide reducing bacteria. <i>Journal of Contaminant Hydrology</i> , 2020, 234, 103657.	3.3	13
12	<i>Cupriavidus agavae</i> sp. nov., a species isolated from <i>Agave</i> L. rhizosphere in northeast Mexico. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4165-4170.	1.7	11
13	An endophytic <i>Kocuria palustris</i> strain harboring multiple arsenate reductase genes. <i>Archives of Microbiology</i> , 2019, 201, 1285-1293.	2.2	9
14	Mechanism of arsenic resistance in endophytic bacteria isolated from endemic plant of mine tailings and their arsenophore production. <i>Archives of Microbiology</i> , 2018, 200, 883-895.	2.2	27
15	Isolation of Moderately Halophilic Bacteria in Saline Environments of Sonora State Searching for Proteolytic Hydrolases. <i>Open Agriculture</i> , 2018, 3, 207-213.	1.7	6
16	Broad-spectrum antimicrobial activity by <i>Burkholderia cenocepacia</i> TAtI-371, a strain isolated from the tomato rhizosphere. <i>Microbiology (United Kingdom)</i> , 2018, 164, 1072-1086.	1.8	24
17	Assisted Phytoextraction of Arsenic and Cadmium by the Addition of Chemical Amendments and their Effect on Nutrient Ionome in <i>Sedum praealtum</i> Plants. <i>International Journal of Sciences</i> , 2018, 4, 77-87.	0.0	0
18	Plant Growth-Promoting Traits in Rhizobacteria of Heavy Metal-Resistant Plants and Their Effects on <i>Brassica nigra</i> Seed Germination. <i>Pedosphere</i> , 2017, 27, 511-526.	4.0	71

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19	Incorporation of bean plant residue in soil with different agricultural practices and its effect on the soil bacteria. <i>Applied Soil Ecology</i> , 2017, 119, 417-427.	4.3	40
20	Adsorption and native microbiota of an agricultural soil are involved in the removal of fluoranthene. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	3.4	1
21	Cultivable endophytic bacteria from heavy metal(loid)-tolerant plants. <i>Archives of Microbiology</i> , 2016, 198, 941-956.	2.2	30
22	To split or not to split: an opinion on dividing the genus <i>Burkholderia</i> . <i>Annals of Microbiology</i> , 2016, 66, 1303-1314.	2.6	90
23	Relationship between the elemental composition of grapeyards and bioactive compounds in the Cabernet Sauvignon grapes <i>Vitis vinifera</i> harvested in Mexico. <i>Food Chemistry</i> , 2016, 203, 79-85.	8.2	24
24	Diversity of fungal endophytes from the medicinal plant <i>Dendropanax arboreus</i> in a protected area of Mexico. <i>Annals of Microbiology</i> , 2016, 66, 991-1002.	2.6	13
25	Isolation and characterization of yeasts associated with plants growing in heavy-metal- and arsenic-contaminated soils. <i>Canadian Journal of Microbiology</i> , 2016, 62, 307-319.	1.7	30
26	<i>Rhizobium acidisoli</i> sp. nov., isolated from root nodules of <i>Phaseolus vulgaris</i> in acid soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 398-406.	1.7	40
27	<i>Kocuria arsenatis</i> sp. nov., an arsenic-resistant endophytic actinobacterium associated with <i>Prosopis laevigata</i> grown on high-arsenic-polluted mine tailing. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1027-1033.	1.7	20
28	<i>Brevibacterium metallicus</i> sp. nov., an endophytic bacterium isolated from roots of <i>Prosopis laevigata</i> grown at the edge of a mine tailing in Mexico. <i>Archives of Microbiology</i> , 2015, 197, 1151-1158.	2.2	12
29	<i>Cupriavidus plantarum</i> sp. nov., a plant-associated species. <i>Archives of Microbiology</i> , 2014, 196, 811-817.	2.2	26
30	Prediction of total fat, fatty acid composition and nutritional parameters in fish fillets using MID-FTIR spectroscopy and chemometrics. <i>LWT - Food Science and Technology</i> , 2013, 52, 12-20.	5.2	54
31	<i>Burkholderia caballeronis</i> sp. nov., a nitrogen fixing species isolated from tomato (<i>Lycopersicon</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2013, 104, 1063-1071.	1.7	60
32	Diverse cellulolytic bacteria isolated from the high humus, alkaline-saline chinampa soils. <i>Annals of Microbiology</i> , 2013, 63, 779-792.	2.6	21
33	Greenhouse gas emissions under conservation agriculture compared to traditional cultivation of maize in the central highlands of Mexico. <i>Science of the Total Environment</i> , 2012, 431, 237-244.	8.0	53
34	Comparative plant growth promoting traits and distribution of rhizobacteria associated with heavy metals in contaminated soils. <i>International Journal of Environmental Science and Technology</i> , 2011, 8, 807-816.	3.5	19
35	Heavy metals concentration in plants growing on mine tailings in Central Mexico. <i>Bioresource Technology</i> , 2010, 101, 3864-3869.	9.6	59
36	Inorganic N dynamics and N ₂ O production from tannery effluents irrigated soil under different water regimes and fertilizer application rates: A laboratory study. <i>Applied Soil Ecology</i> , 2008, 38, 279-288.	4.3	20

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37	Nitrous Oxide Emissions from Soils of the Semi-Arid Highlands of Durango, Mexico: A Laboratory Study. <i>Arid Land Research and Management</i> , 2008, 22, 179-194.	1.6	2
38	Microbial biomass C measurements in soil of the central highlands of Mexico. <i>Applied Soil Ecology</i> , 2007, 35, 432-440.	4.3	21
39	C and N mineralization and microbial biomass in heavy-metal contaminated soil. <i>European Journal of Soil Biology</i> , 2006, 42, 89-98.	3.2	75
40	Nitrous oxide production of heavy metal contaminated soil. <i>Soil Biology and Biochemistry</i> , 2006, 38, 931-940.	8.8	26