

Paulina Estrada-de Los Santos

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58

papers

2,561

citations

24

h-index

50

g-index

65

ext. papers

3,312

ext. citations

3.8

avg, IF

4.66

L-index

#	Paper	IF	Citations
58	Burkholderia, a genus rich in plant-associated nitrogen fixers with wide environmental and geographic distribution. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 2790-8	4.8	302
57	Legume-nodulating betaproteobacteria: diversity, host range, and future prospects. <i>Molecular Plant-Microbe Interactions</i> , 2011 , 24, 1276-88	3.6	269
56	Burkholderia tropica sp. nov., a novel nitrogen-fixing, plant-associated bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 2155-2162	2.2	203
55	The tomato rhizosphere, an environment rich in nitrogen-fixing Burkholderia species with capabilities of interest for agriculture and bioremediation. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 5308-19	4.8	178
54	Burkholderia unamae sp. nov., an N ₂ -fixing rhizospheric and endophytic species. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 1165-1172	2.2	153
53	Phylogenetic analysis of burkholderia species by multilocus sequence analysis. <i>Current Microbiology</i> , 2013 , 67, 51-60	2.4	121
52	Whole Genome Analyses Suggests that sensu lato Contains Two Additional Novel Genera (gen. nov., and gen. nov.): Implications for the Evolution of Diazotrophy and Nodulation in the. <i>Genes</i> , 2018 , 9,	4.2	115
51	Diazotrophic burkholderia species associated with field-grown maize and sugarcane. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 3103-10	4.8	101
50	Non-Frankia actinomycetes isolated from surface-sterilized roots of Casuarina equisetifolia fix nitrogen. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 460-6	4.8	99
49	Burkholderia silvatlantica sp. nov., a diazotrophic bacterium associated with sugar cane and maize. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 1931-1937	2.2	98
48	Plant-associated symbiotic Burkholderia species lack hallmark strategies required in mammalian pathogenesis. <i>PLoS ONE</i> , 2014 , 9, e83779	3.7	76
47	Roadmap for naming uncultivated Archaea and Bacteria. <i>Nature Microbiology</i> , 2020 , 5, 987-994	26.6	64
46	A N ₂ -fixing endophytic Burkholderia sp. associated with maize plants cultivated in Mexico. <i>Canadian Journal of Microbiology</i> , 2002 , 48, 285-94	3.2	62
45	High diversity of culturable Burkholderia species associated with sugarcane. <i>Plant and Soil</i> , 2011 , 345, 155-169	4.2	54
44	To split or not to split: an opinion on dividing the genus Burkholderia. <i>Annals of Microbiology</i> , 2016 , 66, 1303-1314	3.2	50
43	Plant Growth-Promoting Traits in Rhizobacteria of Heavy Metal-Resistant Plants and Their Effects on Brassica nigra Seed Germination. <i>Pedosphere</i> , 2017 , 27, 511-526	5	46
42	Burkholderia caballeronis sp. nov., a nitrogen fixing species isolated from tomato (Lycopersicon esculentum) with the ability to effectively nodulate Phaseolus vulgaris. <i>Antonie Van Leeuwenhoek</i> , 2013 , 104, 1063-71	2.1	45

41	Multichromosomal genome structure and confirmation of diazotrophy in novel plant-associated Burkholderia species. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 4574-9	4.8	45
40	Promysalin, a salicylate-containing <i>Pseudomonas putida</i> antibiotic, promotes surface colonization and selectively targets other <i>Pseudomonas</i> . <i>Chemistry and Biology</i> , 2011 , 18, 1320-30		44
39	Nodulation and effective nitrogen fixation of <i>Macroptilium atropurpureum</i> (siratro) by <i>Burkholderia tuberum</i> , a nodulating and plant growth promoting beta-proteobacterium, are influenced by environmental factors. <i>Plant and Soil</i> , 2013 , 369, 543-562	4.2	43
38	Symbiotic Burkholderia Species Show Diverse Arrangements of nif/fix and nod Genes and Lack Typical High-Affinity Cytochrome cbb3 Oxidase Genes. <i>Molecular Plant-Microbe Interactions</i> , 2016 , 29, 609-19	3.6	38
37	Colonization and plant growth-promotion of tomato by <i>Burkholderia tropica</i> . <i>Scientia Horticulturae</i> , 2015 , 191, 113-120	4.1	33
36	<i>Cupriavidus alkaliphilus</i> sp. nov., a new species associated with agricultural plants that grow in alkaline soils. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 310-4	4.2	30
35	<i>Cupriavidus</i> and <i>Burkholderia</i> species associated with agricultural plants that grow in alkaline soils. <i>Journal of Microbiology</i> , 2011 , 49, 867-76	3	25
34	Selection of nitrogen-fixing deficient <i>Burkholderia vietnamiensis</i> strains by cystic fibrosis patients: involvement of nif gene deletions and auxotrophic mutations. <i>Environmental Microbiology</i> , 2007 , 9, 1176-85	5.2	22
33	Cultivable endophytic bacteria from heavy metal(loid)-tolerant plants. <i>Archives of Microbiology</i> , 2016 , 198, 941-956	3	21
32	Broad-spectrum antimicrobial activity by <i>Burkholderia cenocepacia</i> TATl-371, a strain isolated from the tomato rhizosphere. <i>Microbiology (United Kingdom)</i> , 2018 , 164, 1072-1086	2.9	18
31	<i>Cupriavidus plantarum</i> sp. nov., a plant-associated species. <i>Archives of Microbiology</i> , 2014 , 196, 811-7	3	15
30	Stress-related <i>Pseudomonas</i> genes involved in production of bacteriocin Ll _{pA} . <i>FEMS Microbiology Letters</i> , 2005 , 244, 243-50	2.9	15
29	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	14
28	Architecture of <i>Burkholderia cepacia</i> complex sigma70 gene family: evidence of alternative primary and clade-specific factors, and genomic instability. <i>BMC Genomics</i> , 2007 , 8, 308	4.5	13
27	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	12
26	Acetic acid bacteria encode two levansucrase types of different ecological relationship. <i>Environmental Microbiology</i> , 2019 , 21, 4151-4165	5.2	12
25	<i>Trinickia dabaoshanensis</i> sp. nov., a new name for a lost species. <i>Archives of Microbiology</i> , 2019 , 201, 1313-1316	1.1	11
24	Transfer of <i>Wautersia numazuensis</i> to the genus <i>Cupriavidus</i> as <i>Cupriavidus numazuensis</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 208-211	2.2	11

23	sp. nov., an arsenic-resistant endophytic actinobacterium associated with grown on high-arsenic-polluted mine tailing. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1027-1033	2.2	11
22	Antagonistic interactions among bacteria inhabiting pineapple. <i>Applied Soil Ecology</i> , 2012 , 61, 230-235	5	9
21	<i>Brevibacterium metallicus</i> sp. nov., an endophytic bacterium isolated from roots of <i>Prosopis laevis</i> grown at the edge of a mine tailing in Mexico. <i>Archives of Microbiology</i> , 2015 , 197, 1151-8	3	8
20	Draft genome of TNe-841, a free-living, nitrogen-fixing, tomato plant-associated bacterium. <i>Standards in Genomic Sciences</i> , 2017 , 12, 80		7
19	Misidentification of and Other Species From Pediatric Infections in Mexico. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz008	1	6
18	Draft Genome Sequence of Heavy Metal-Resistant <i>Cupriavidus alkaliphilus</i> ASC-732T, Isolated from <i>Agave</i> Rhizosphere in the Northeast of Mexico. <i>Genome Announcements</i> , 2016 , 4,		6
17	An endophytic <i>Kocuria palustris</i> strain harboring multiple arsenate reductase genes. <i>Archives of Microbiology</i> , 2019 , 201, 1285-1293	3	6
16	The <i>Salmonella</i> Typhimurium InvF-SicA complex is necessary for the transcription of <i>sopB</i> in the absence of the repressor H-NS. <i>PLoS ONE</i> , 2020 , 15, e0240617	3.7	5
15	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	3.9	5
14	<i>Paraburkholderia lycopersici</i> sp. nov., a nitrogen-fixing species isolated from rhizoplane of <i>Lycopersicon esculentum</i> Mill. var. <i>Saladette</i> in Mexico. <i>Systematic and Applied Microbiology</i> , 2020 , 43, 126133	4.2	4
13	An update of the unceasingly growing and diverse AraC/XylS family of transcriptional activators. <i>FEMS Microbiology Reviews</i> , 2021 , 45,	15.1	4
12	Draft Genome of <i>Burkholderia cenocepacia</i> TATl-371, a Strain from the <i>Burkholderia cepacia</i> Complex Retains Antagonism in Different Carbon and Nitrogen Sources. <i>Current Microbiology</i> , 2019 , 76, 566-574	2.4	3
11	sp. nov., a species isolated from <i>L.</i> rhizosphere in northeast Mexico. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4165-4170	2.2	3
10	Description of two fatal cases of melioidosis in Mexican children with acute pneumonia: case report. <i>BMC Infectious Diseases</i> , 2021 , 21, 204	4	3
9	<i>IurV</i> , Encoded by ORF VCA0231, Is Involved in the Regulation of Iron Uptake Genes in. <i>Genes</i> , 2020 , 11,	4.2	2
8	<i>Burkholderia</i> species in human infections in Mexico: Identification of <i>B. cepacia</i> , <i>B. contaminans</i> , <i>B. multivorans</i> , <i>B. vietnamiensis</i> , <i>B. pseudomallei</i> and a new <i>Burkholderia</i> species. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009541	4.8	2
7	<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	2.1	2
6	Heavy-metal resistance mechanisms developed by bacteria from Lerma-Chapala basin. <i>Archives of Microbiology</i> , 2021 , 203, 1807-1823	3	2

5	Burkholderia orbicola sp. nov., a novel species within the Burkholderia cepacia complex.. <i>Archives of Microbiology</i> , 2022 , 204, 178	3	1
4	Metallophores production by bacteria isolated from heavy metal-contaminated soil and sediment at Lerma-Chapala Basin.. <i>Archives of Microbiology</i> , 2022 , 204, 180	3	1
3	Draft genome of five strains: agave, maize and sorghum plant-associated bacteria with resistance to metals. <i>3 Biotech</i> , 2020 , 10, 242	2.8	0
2	Morphological and molecular identification of Phytophthora tropicalis causing black pod rot in Mexico. <i>Canadian Journal of Plant Pathology</i> , 2021 , 43, 670-679	1.6	0
1	Obituary of Jose de Jes� Caballero-Mellado. <i>Plant and Soil</i> , 2012 , 356, 295-296	4.2	