

# Laila P Partida-Martinez

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

4,216  
citations

236925

25  
h-index

315739

38  
g-index

40  
all docs

40  
docs citations

40  
times ranked

4377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant compartment and biogeography affect microbiome composition in cultivated and native <i>Agave</i> species. <i>New Phytologist</i> , 2016, 209, 798-811.	7.3	663
2	Pathogenic fungus harbours endosymbiotic bacteria for toxin production. <i>Nature</i> , 2005, 437, 884-888.	27.8	589
3	A genomic catalog of Earth's microbiomes. <i>Nature Biotechnology</i> , 2021, 39, 499-509.	17.5	457
4	The Microbe-Free Plant: Fact or Artifact?. <i>Frontiers in Plant Science</i> , 2011, 2, 100.	3.6	290
5	The Cacti Microbiome: Interplay between Habitat-Filtering and Host-Specificity. <i>Frontiers in Microbiology</i> , 2016, 7, 150.	3.5	219
6	Endosymbiont-Dependent Host Reproduction Maintains Bacterial-Fungal Mutualism. <i>Current Biology</i> , 2007, 17, 773-777.	3.9	218
7	A Gene Cluster Encoding Rhizoxin Biosynthesis in <i>Burkholderia rhizoxinica</i> , the Bacterial Endosymbiont of the Fungus <i>Rhizopus microsporus</i> . <i>ChemBioChem</i> , 2007, 8, 41-45.	2.6	208
8	<i>Burkholderia rhizoxinica</i> sp. nov. and <i>Burkholderia endofungorum</i> sp. nov., bacterial endosymbionts of the plant-pathogenic fungus <i>Rhizopus microsporus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2583-2590.	1.7	182
9	Antimitotic Rhizoxin Derivatives from a Cultured Bacterial Endosymbiont of the Rice Pathogenic Fungus <i>Rhizopus microsporus</i> . <i>Journal of the American Chemical Society</i> , 2006, 128, 11529-11536.	13.7	153
10	Rhizonin, the First Mycotoxin Isolated from the Zygomycota, Is Not a Fungal Metabolite but Is Produced by Bacterial Endosymbionts. <i>Applied and Environmental Microbiology</i> , 2007, 73, 793-797.	3.1	141
11	Evolution of an endofungal Lifestyle: Deductions from the <i>Burkholderia rhizoxinica</i> Genome. <i>BMC Genomics</i> , 2011, 12, 210.	2.8	102
12	Complete Genome Sequence of <i>Burkholderia rhizoxinica</i> , an Endosymbiont of <i>Rhizopus microsporus</i> . <i>Journal of Bacteriology</i> , 2011, 193, 783-784.	2.2	98
13	Global Distribution and Evolution of a Toxinogenic <i>Burkholderia-Rhizopus</i> Symbiosis. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2982-2986.	3.1	83
14	Evolution of small prokaryotic genomes. <i>Frontiers in Microbiology</i> , 2014, 5, 742.	3.5	83
15	Endofungal bacteria as producers of mycotoxins. <i>Trends in Microbiology</i> , 2009, 17, 570-576.	7.7	82
16	Evolution of host resistance in a toxin-producing bacterial-fungal alliance. <i>ISME Journal</i> , 2008, 2, 632-641.	9.8	72
17	Diazotrophic potential among bacterial communities associated with wild and cultivated <i>Agave</i> species. <i>FEMS Microbiology Ecology</i> , 2014, 90, 844-857.	2.7	71
18	Smells from the desert: microbial volatiles that affect plant growth and development of native and non-native plant species. <i>Plant, Cell and Environment</i> , 2019, 42, 1368-1380.	5.7	64

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19	A cryptic PKSâ€“NRPS gene locus in the plant commensal <i>Pseudomonas fluorescens</i> Pf-5 codes for the biosynthesis of an antimetabolic rhizoxin complex. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2211-2213.	2.8	62
20	Functional Signatures of the Epiphytic Prokaryotic Microbiome of Agaves and Cacti. <i>Frontiers in Microbiology</i> , 2019, 10, 3044.	3.5	41
21	<i>Nodosilinea chupicuarensis</i> sp. nov. (Leptolyngbyaceae, Synechococcales) a subaerial cyanobacterium isolated from a stone monument in central Mexico. <i>Phytotaxa</i> , 2018, 334, 167.	0.3	36
22	Narnaviruses: novel players in fungalâ€“bacterial symbioses. <i>ISME Journal</i> , 2020, 14, 1743-1754.	9.8	34
23	Lack of evidence of endosymbiotic toxinâ€“producing bacteria in clinical <i>Rhizopus</i> isolates. <i>Mycoses</i> , 2008, 51, 266-269.	4.0	29
24	Toxin production by bacterial endosymbionts of a <i>Rhizopus microsporus</i> strain used for tempe/sufu processing. <i>International Journal of Food Microbiology</i> , 2010, 136, 368-371.	4.7	29
25	Forest tree associated bacteria for potential biological control of <i>Fusarium solani</i> and of <i>Fusarium kuroshium</i> , causal agent of <i>Fusarium dieback</i> . <i>Microbiological Research</i> , 2020, 235, 126440.	5.3	29
26	Interactions between abundant fungal species influence the fungal community assemblage on limestone. <i>PLoS ONE</i> , 2017, 12, e0188443.	2.5	28
27	Preparation and evaluation of polymer-coated adsorbents for the expanded bed recovery of protein products from particulate feedstocks. <i>Journal of Chromatography A</i> , 2008, 1203, 13-20.	3.7	25
28	The Microbiome of Desert CAM Plants: Lessons From Amplicon Sequencing and Metagenomics. , 2018, , 231-254.		25
29	The fungal holobiont: Evidence from early diverging fungi. <i>Environmental Microbiology</i> , 2017, 19, 2919-2923.	3.8	18
30	The age of lima bean leaves influences the richness and diversity of the endophytic fungal community, but not the antagonistic effect of endophytes against <i>Colletotrichum lindemuthianum</i> . <i>Fungal Ecology</i> , 2017, 26, 1-10.	1.6	17
31	Fungal volatiles emitted by members of the microbiome of desert plants are diverse and capable of promoting plant growth. <i>Environmental Microbiology</i> , 2021, 23, 2215-2229.	3.8	17
32	Increasing aridity shapes beta diversity and the network dynamics of the belowground fungal microbiome associated with <i>Opuntia ficus-indica</i> . <i>Science of the Total Environment</i> , 2021, 773, 145008.	8.0	12
33	Novel consortium of <i>Klebsiella variicola</i> and <i>Lactobacillus</i> species enhances the functional potential of fermented dairy products by increasing the availability of branched-chain amino acids and the amount of distinctive volatiles. <i>Journal of Applied Microbiology</i> , 2017, 123, 1237-1250.	3.1	6
34	First Report on the Presence of <i>Phyllachora</i> sp. in Corn Crops at Toluca, Estado de Mexico. <i>American Journal of Plant Sciences</i> , 2016, 07, 733-739.	0.8	6
35	MoBiMS: A modular miniature mass analyzer for the real-time monitoring of gases and volatile compounds in biological systems. <i>Microchemical Journal</i> , 2022, 175, 107090.	4.5	4
36	Microbiome-MX 2018: microbiota and microbiome opportunities in Mexico, a megadiverse country. <i>Research in Microbiology</i> , 2019, 170, 235-241.	2.1	2

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37	Distinctive prokaryotic microbiomes in sympatric plant roots from a Yucatan cenote. BMC Research Notes, 2021, 14, 333.	1.4	2
38	CHAPTER 8. Pre-processing and Analysis of Metabolomics Data with XCMS/R and XCMS Online. New Developments in Mass Spectrometry, 2020, , 255-280.	0.2	1