Julieta L Orlando

List of Publications by Year
in descending order

35 papers	758 citations	623734 14 h-index	526287 27 g-index
37 all docs	37 docs citations	37 times ranked	1050 citing authors

#	Article	IF	Citations
1	Biocontrol of Bacillus subtilis against Fusarium verticillioides in vitro and at the maize root level. Research in Microbiology, 2005, 156, 748-754.	2.1	173
2	Rhizosphere microbial community structure at different maize plant growth stages and root locations. Microbiological Research, 2009, 164, 391-399.	5.3	106
3	Bacterial diversity and occurrence of ammonia-oxidizing bacteria in the Atacama Desert soil during a â€œdesert bloomâ€•event. Soil Biology and Biochemistry, 2010, 42, 1183-1188.	8.8	50
4	Diversity and Activity of Denitrifiers of Chilean Arid Soil Ecosystems. Frontiers in Microbiology, 2012, 3, 101.	3.5	38
5	In vitro influence of bacterial mixtures on Fusarium verticillioides growth and fumonisin B1 production: effect of seeds treatment on maize root colonization. Letters in Applied Microbiology, 2005, 41, 390-396.	2.2	36
6	Nitrogen-Fixing Bacteria Associated with Peltigera Cyanolichens and Cladonia Chlorolichens. Molecules, 2018, 23, 3077.	3.8	30
7	Aspergillus fumigatus toxicity and gliotoxin levels in feedstuff for domestic animals and pets in Argentina. Letters in Applied Microbiology, 2010, 50, 77-81.	2.2	28
8	Phylogenetic Diversity of <i>Peltigera</i> Cyanolichens and Their Photobionts in Southern Chile and Antarctica. Microbes and Environments, 2015, 30, 172-179.	1.6	26
9	Substrates of Peltigera Lichens as a Potential Source of Cyanobionts. Microbial Ecology, 2017, 74, 561-569.	2.8	25
10	Effect of gamma radiation on Aspergillus flavus and Aspergillus ochraceus ultrastructure and mycotoxin production. Radiation Physics and Chemistry, 2011, 80, 658-663.	2.8	22
11	Characterization of the Gut Microbiota of the Antarctic Heart Urchin (Spatangoida) Abatus agassizii. Frontiers in Microbiology, 2020, 11, 308.	3.5	22
12	Intrinsic factors ofPeltigeralichens influence the structure of the associated soil bacterial microbiota. FEMS Microbiology Ecology, 2016, 92, fiw178.	2.7	20
13	The Bacterial Community of the Foliose Macro-lichen Peltigera frigida Is More than a Mere Extension of the Microbiota of the Subjacent Substrate. Microbial Ecology, 2021, 81, 965-976.	2.8	19
14	Effect of Colletia hystrix (Clos), a pioneer actinorhizal plant from the Chilean matorral, on the genetic and potential metabolic diversity of the soil bacterial community. Soil Biology and Biochemistry, 2007, 39, 2769-2776.	8.8	16
15	Comparison of water availability effect on ammonia-oxidizing bacteria and archaea in microcosms of a Chilean semiarid soil. Frontiers in Microbiology, 2012, 3, 282.	3.5	14
16	Environmental context shapes the bacterial community structure associated to Peltigera cyanolichens growing in Tierra del Fuego, Chile. World Journal of Microbiology and Biotechnology, 2014, 30, 1141-1144.	3.6	13
17	Plants colonizing volcanic deposits: root adaptations and effects on rhizosphere microorganisms. Plant and Soil, 2021, 461, 265-279.	3.7	13
18	Environmental conditions shape soil bacterial community structure in a fragmented landscape. Soil Biology and Biochemistry, 2016, 103, 39-45.	8.8	12

#	Article	IF	Citations
19	Diversity of microbial communities and genes involved in nitrous oxide emissions in Antarctic soils impacted by marine animals as revealed by metagenomics and 100 metagenome-assembled genomes. Science of the Total Environment, 2021, 788, 147693.	8.0	12
20	Genetic diversity of terricolous Peltigera cyanolichen communities in different conservation states of native forest from southern Chile. International Microbiology, 2013, 16, 243-52.	2.4	12
21	Comparison of soil bacterial communities associated with actinorhizal, non-actinorhizal plants and the interspaces in the sclerophyllous matorral from Central Chile in two different seasons. Journal of Arid Environments, 2009, 73, 1117-1124.	2.4	11
22	Designing a SCAR molecular marker for monitoring Trichoderma cf. harzianum in experimental communities. Journal of Zhejiang University: Science B, 2014, 15, 966-978.	2.8	11
23	Seabird and pinniped shape soil bacterial communities of their settlements in Cape Shirreff, Antarctica. PLoS ONE, 2019, 14, e0209887.	2.5	10
24	Exploring the Microdiversity Within Marine Bacterial Taxa: Toward an Integrated Biogeography in the Southern Ocean. Frontiers in Microbiology, 2021, 12, 703792.	3.5	9
25	Carbon Consumption Patterns of Microbial Communities Associated with Peltigera Lichens from a Chilean Temperate Forest. Molecules, 2018, 23, 2746.	3.8	8
26	The multi metal-resistant bacterium <i>Cupriavidus metallidurans</i> CH34 affects growth and metal mobilization in <i>Arabidopsis thaliana</i> plants exposed to copper. PeerJ, 2021, 9, e11373.	2.0	6
27	â€œScience Writing in Higher Education: Effects of Teaching Self-Assessment of Scientific Poster Construction on Writing Quality and Academic Achievementâ€ International Journal of Science and Mathematics Education, 2022, 20, 89-110.	2.5	5
28	Microbial communities of bulk and eschscholzia californica rhizosphere soils at two altitudes in Central Chile. Journal of Soil Science and Plant Nutrition, 2016, , 0-0.	3.4	3
29	Fungal communities as an experimental approach to Darwin's naturalization hypothesis. Research in Microbiology, 2016, 167, 126-132.	2.1	3
30	Phototrophic bacteria dominate consortia, potentially to remove CO2 and H2S from biogas under microaerophilic conditions. International Journal of Environmental Science and Technology, 2018, 15, 649-658.	3.5	1
31	<i>Conyza bonariensis</i> as an alternative host for <i>Colletotrichum</i> species in Argentina. Journal of Applied Microbiology, 2021, 130, 1656-1670.	3.1	1
32	Diversity of Microbial Functional Genes Should Be Considered During the Interpretation of the qPCR Melting Curves. Microbial Ecology, 2022, 84, 935-940.	2.8	1
33	Cluster roots of Embothrium coccineum growing under field conditions differentially shape microbial diversity according to their developmental stage. Journal of Soil Science and Plant Nutrition, 2022, 22, 2418-2433.	3.4	1
34	Peltigera frigida Lichens and Their Substrates Reduce the Influence of Forest Cover Change on Phosphate Solubilizing Bacteria. Frontiers in Microbiology, 0, 13, .	3.5	1
35	Substrates On Which Lichens Grow Appear To Act As Reservoir Of Lichen Photobionts. , 2018, , .		0