

Silvia Pajares

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2809003/publications.pdf>

Version: 2024-02-01

19
papers

656
citations

687363

13
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecology of Nitrogen Fixing, Nitrifying, and Denitrifying Microorganisms in Tropical Forest Soils. <i>Frontiers in Microbiology</i> , 2016, 7, 1045.	3.5	218
2	Processes and Microorganisms Involved in the Marine Nitrogen Cycle: Knowledge and Gaps. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	85
3	Enzyme activity as an indicator of soil quality changes in degraded cultivated <i>Acrisols</i> in the Mexican Transvolcanic Belt. <i>Land Degradation and Development</i> , 2011, 22, 373-381.	3.9	42
4	Spatial heterogeneity of physicochemical properties explains differences in microbial composition in arid soils from Cuatro Ciénegas, Mexico. <i>PeerJ</i> , 2016, 4, e2459.	2.0	35
5	Vertical and seasonal distribution of picoplankton and functional nitrogen genes in a high-altitude warm-monomictic tropical lake. <i>Freshwater Biology</i> , 2017, 62, 1180-1193.	2.4	31
6	Environmental Controls on Soil Microbial Communities in a Seasonally Dry Tropical Forest. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	31
7	Spatial Distribution Patterns of Bacterioplankton in the Oxygen Minimum Zone of the Tropical Mexican Pacific. <i>Microbial Ecology</i> , 2020, 80, 519-536.	2.8	30
8	Microbiome differences between river-dwelling and cave-adapted populations of the fish <i>Astyanax mexicanus</i> (De Filippi, 1853). <i>PeerJ</i> , 2018, 6, e5906.	2.0	25
9	Editorial: The Role of Microbial Communities in Tropical Ecosystems. <i>Frontiers in Microbiology</i> , 2016, 7, 1805.	3.5	24
10	Mesocosms of Aquatic Bacterial Communities from the Cuatro Ciénegas Basin (Mexico): A Tool to Test Bacterial Community Response to Environmental Stress. <i>Microbial Ecology</i> , 2012, 64, 346-358.	2.8	23
11	Short-term changes in C and N distribution in soil particle size fractions induced by agricultural practices in a cultivated volcanic soil from Mexico. <i>Organic Geochemistry</i> , 2006, 37, 1943-1948.	1.8	22
12	Biochemical indicators of carbon dynamic in an Acrisol cultivated under different management practices in the central Mexican highlands. <i>Soil and Tillage Research</i> , 2009, 105, 156-163.	5.6	20
13	Multivariate and Phylogenetic Analyses Assessing the Response of Bacterial Mat Communities from an Ancient Oligotrophic Aquatic Ecosystem to Different Scenarios of Long-Term Environmental Disturbance. <i>PLoS ONE</i> , 2015, 10, e0119741.	2.5	20
14	Drastic changes in aquatic bacterial populations from the Cuatro Ciénegas Basin (Mexico) in response to long-term environmental stress. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 1159-1175.	1.7	16
15	Associated Bacteria and Their Effects on Growth and Toxicity of the Dinoflagellate <i>Prorocentrum lima</i> Species Complex From Epibenthic Substrates Along Mexican Coasts. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	13
16	Molecular and isotopic evidence of the distribution of nitrogen-cycling microbial communities in the oxygen minimum zone of the Tropical Mexican Pacific. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	10
17	Effect of different agricultural management systems on chemical fertility in cultivated tepetates of the Mexican transvolcanic belt. <i>Agriculture, Ecosystems and Environment</i> , 2009, 129, 422-427.	5.3	5
18	Distribution of nitrogen-cycling genes in an oxygen-depleted cyclonic eddy in the Alfonso Basin, Gulf of California. <i>Marine and Freshwater Research</i> , 2021, 72, 1173-1184.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Enzymatic Activity and Carbon Mineralization in Mexican Tepetates Cultivated Under Different Management Practices. Environmental Science and Engineering, 2011, , 51-62.	0.2	0