

Christian Santos-Medellin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3692430/publications.pdf>

Version: 2024-02-01

13
papers

2,896
citations

840776

11
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

3607
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure, variation, and assembly of the root-associated microbiomes of rice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E911-20.	7.1	2,016
2	Drought Stress Results in a Compartment-Specific Restructuring of the Rice Root-Associated Microbiomes. MBio, 2017, 8, .	4.1	336
3	Prolonged drought imparts lasting compositional changes to the rice root microbiome. Nature Plants, 2021, 7, 1065-1077.	9.3	111
4	Viromes outperform total metagenomes in revealing the spatiotemporal patterns of agricultural soil viral communities. ISME Journal, 2021, 15, 1956-1970.	9.8	101
5	Pseudomonas aeruginosa clinical and environmental isolates constitute a single population with high phenotypic diversity. BMC Genomics, 2014, 15, 318.	2.8	85
6	Soil domestication by rice cultivation results in plant-soil feedback through shifts in soil microbiota. Genome Biology, 2019, 20, 221.	8.8	54
7	Minnesota peat viromes reveal terrestrial and aquatic niche partitioning for local and global viral populations. Microbiome, 2021, 9, 233.	11.1	53
8	Comparative Analysis of Root Microbiomes of Rice Cultivars with High and Low Methane Emissions Reveals Differences in Abundance of Methanogenic Archaea and Putative Upstream Fermenters. MSystems, 2020, 5, .	3.8	29
9	Extraction and 16S rRNA Sequence Analysis of Microbiomes Associated with Rice Roots. Bio-protocol, 2018, 8, e2884.	0.4	25
10	Evidence for non-methanogenic metabolisms in globally distributed archaeal clades basal to the <i>Methanomassiliicoccales</i> . Environmental Microbiology, 2021, 23, 340-357.	3.8	19
11	Steady agronomic and genetic interventions are essential for sustaining productivity in intensive rice cropping. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	13
12	DNase Treatment Improves Viral Enrichment in Agricultural Soil Viromes. MSystems, 2021, 6, e0061421.	3.8	12
13	Acquisition of a complex root microbiome reshapes the transcriptomes of rice plants. New Phytologist, 2022, 235, 2008-2021.	7.3	8