

Rose Adele Monteiro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1545517/publications.pdf>

Version: 2024-02-01

30
papers

849
citations

566801

15
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome of <i>Herbaspirillum seropedicae</i> Strain SmR1, a Specialized Diazotrophic Endophyte of Tropical Grasses. <i>PLoS Genetics</i> , 2011, 7, e1002064.	1.5	188
2	<i>Herbaspirillum</i> -plant interactions: microscopical, histological and molecular aspects. <i>Plant and Soil</i> , 2012, 356, 175-196.	1.8	143
3	Exopolysaccharide Biosynthesis Enables Mature Biofilm Formation on Abiotic Surfaces by <i>Herbaspirillum seropedicae</i> . <i>PLoS ONE</i> , 2014, 9, e110392.	1.1	57
4	Nitrogen fixation control in <i>Herbaspirillum seropedicae</i> . <i>Plant and Soil</i> , 2012, 356, 197-207.	1.8	44
5	Maize Root Lectins Mediate the Interaction with <i>Herbaspirillum seropedicae</i> via N-Acetyl Glucosamine Residues of Lipopolysaccharides. <i>PLoS ONE</i> , 2013, 8, e77001.	1.1	44
6	Characterization of a new Acidobacteria-derived moderately thermostable lipase from a Brazilian Atlantic Forest soil metagenome. <i>FEMS Microbiology Ecology</i> , 2012, 81, 386-394.	1.3	36
7	Rapid identification of bacterial isolates from wheat roots by high resolution whole cell MALDI-TOF MS analysis. <i>Journal of Biotechnology</i> , 2013, 165, 167-174.	1.9	36
8	Modulation of defence and iron homeostasis genes in rice roots by the diazotrophic endophyte <i>Herbaspirillum seropedicae</i> . <i>Scientific Reports</i> , 2019, 9, 10573.	1.6	33
9	In-Situ Metabolomic Analysis of <i>Setaria viridis</i> Roots Colonized by Beneficial Endophytic Bacteria. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 272-283.	1.4	23
10	What Did We Learn From Plant Growth-Promoting Rhizobacteria (PGPR)-Grass Associations Studies Through Proteomic and Metabolomic Approaches?. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	23
11	Draft Genome Sequence of <i>Herbaspirillum lusitanum</i> P6-12, an Endophyte Isolated from Root Nodules of <i>Phaseolus vulgaris</i> . <i>Journal of Bacteriology</i> , 2012, 194, 4136-4137.	1.0	21
12	In-transregulation of the N-truncated-NIFA protein of <i>Herbaspirillum seropedicae</i> by the N-terminal domain. <i>FEMS Microbiology Letters</i> , 1999, 180, 157-161.	0.7	20
13	A two-dimensional electrophoretic profile of the proteins secreted by <i>Herbaspirillum seropedicae</i> strain Z78. <i>Journal of Proteomics</i> , 2009, 73, 50-56.	1.2	18
14	Proteomic Analysis of <i>Herbaspirillum seropedicae</i> Cultivated in the Presence of Sugar Cane Extract. <i>Journal of Proteome Research</i> , 2013, 12, 1142-1150.	1.8	17
15	A two-dimensional proteome reference map of <i>Herbaspirillum seropedicae</i> proteins. <i>Proteomics</i> , 2007, 7, 3759-3763.	1.3	16
16	<i>Herbaspirillum rubrisubalbicans</i> , a mild pathogen impairs growth of rice by augmenting ethylene levels. <i>Plant Molecular Biology</i> , 2017, 94, 625-640.	2.0	16
17	<i>Herbaspirillum rubrisubalbicans</i> as a Phytopathogenic Model to Study the Immune System of <i>Sorghum bicolor</i> . <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 235-246.	1.4	15
18	Diverse Bacterial Genes Modulate Plant Root Association by Beneficial Bacteria. <i>MBio</i> , 2020, 11, .	1.8	15

#	ARTICLE	IF	CITATIONS
19	RNA-seq analyses reveal insights into the function of respiratory nitrate reductase of the diazotroph <i>Herbaspirillum seropedicae</i> . Environmental Microbiology, 2016, 18, 2677-2688.	1.8	14
20	Proteomic and Metabolomic Analysis of <i>Azospirillum brasilense</i> <i>ntrC</i> Mutant under High and Low Nitrogen Conditions. Journal of Proteome Research, 2020, 19, 92-105.	1.8	14
21	Genetic and functional characterization of a novel meta-pathway for degradation of naringenin in <i>Herbaspirillum seropedicae</i> SmR1. Environmental Microbiology, 2016, 18, 4653-4661.	1.8	13
22	Structural characterization of the RNA chaperone Hfq from the nitrogen-fixing bacterium <i>Herbaspirillum seropedicae</i> SmR1. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 359-365.	1.1	8
23	Regulation of <i>Herbaspirillum seropedicae</i> NifA by the GlnK PII signal transduction protein is mediated by effectors binding to allosteric sites. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2020, 1868, 140348.	1.1	6
24	Structural organization of the <i>glnBA</i> region of the <i>Azospirillum brasilense</i> genome. European Journal of Soil Biology, 2009, 45, 100-105.	1.4	5
25	Hierarchical interactions between Fnr orthologs allows fine-tuning of transcription in response to oxygen in <i>Herbaspirillum seropedicae</i> . Nucleic Acids Research, 2018, 46, 3953-3966.	6.5	5
26	Cellulose production increases sorghum colonization and the pathogenic potential of <i>Herbaspirillum rubrisubalbicans</i> M1. Scientific Reports, 2019, 9, 4041.	1.6	5
27	Enhanced oxygen consumption in <i>Herbaspirillum seropedicae</i> <i>fnr</i> mutants leads to increased NifA mediated transcriptional activation. BMC Microbiology, 2015, 15, 95.	1.3	4
28	Mutational analysis of GlnB residues critical for NifA activation in <i>Azospirillum brasilense</i> . Microbiological Research, 2015, 171, 65-72.	2.5	4
29	Comparative Genomics of <i>Herbaspirillum</i> Species. , 2014, , 171-198.		4
30	In silico prediction and expression profile analysis of small non-coding RNAs in <i>Herbaspirillum seropedicae</i> SmR1. BMC Genomics, 2020, 21, 134.	1.2	2