

Rose Adele Monteiro

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

610
citations

13
h-index

24
g-index

30
ext. papers

749
ext. citations

4.8
avg, IF

3
L-index

#	Paper	IF	Citations
30	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,	4.8	7
29	In silico prediction and expression profile analysis of small non-coding RNAs in <i>Herbaspirillum seropedicae</i> SmR1. <i>BMC Genomics</i> , 2020 , 21, 134	4.5	2
28	Regulation of <i>Herbaspirillum seropedicae</i> NifA by the GlnK PII signal transduction protein is mediated by effectors binding to allosteric sites. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020 , 1868, 140348	4	2
27	as a Phytopathogenic Model to Study the Immune System of. <i>Molecular Plant-Microbe Interactions</i> , 2020 , 33, 235-246	3.6	4
26	Diverse Bacterial Genes Modulate Plant Root Association by Beneficial Bacteria. <i>MBio</i> , 2020 , 11,	7.8	5
25	In-Situ Metabolomic Analysis of Roots Colonized by Beneficial Endophytic Bacteria. <i>Molecular Plant-Microbe Interactions</i> , 2020 , 33, 272-283	3.6	16
24	Proteomic and Metabolomic Analysis of Mutant under High and Low Nitrogen Conditions. <i>Journal of Proteome Research</i> , 2020 , 19, 92-105	5.6	7
23	Cellulose production increases sorghum colonization and the pathogenic potential of <i>Herbaspirillum rubrisubalbicans</i> M1. <i>Scientific Reports</i> , 2019 , 9, 4041	4.9	2
22	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	4.9	6
21	Hierarchical interactions between Fnr orthologs allows fine-tuning of transcription in response to oxygen in <i>Herbaspirillum seropedicae</i> . <i>Nucleic Acids Research</i> , 2018 , 46, 3953-3966	20.1	2
20	<i>Herbaspirillum rubrisubalbicans</i> , a mild pathogen impairs growth of rice by augmenting ethylene levels. <i>Plant Molecular Biology</i> , 2017 , 94, 625-640	4.6	8
19	RNA-seq analyses reveal insights into the function of respiratory nitrate reductase of the diazotroph <i>Herbaspirillum seropedicae</i> . <i>Environmental Microbiology</i> , 2016 , 18, 2677-88	5.2	10
18	Genetic and functional characterization of a novel meta-pathway for degradation of naringenin in <i>Herbaspirillum seropedicae</i> SmR1. <i>Environmental Microbiology</i> , 2016 , 18, 4653-4661	5.2	5
17	Enhanced oxygen consumption in <i>Herbaspirillum seropedicae</i> fnr mutants leads to increased NifA mediated transcriptional activation. <i>BMC Microbiology</i> , 2015 , 15, 95	4.5	3
16	Mutational analysis of GlnB residues critical for NifA activation in <i>Azospirillum brasilense</i> . <i>Microbiological Research</i> , 2015 , 171, 65-72	5.3	3
15	Exopolysaccharide biosynthesis enables mature biofilm formation on abiotic surfaces by <i>Herbaspirillum seropedicae</i> . <i>PLoS ONE</i> , 2014 , 9, e110392	3.7	42
14	Comparative Genomics of <i>Herbaspirillum</i> Species 2014 , 171-198		0

13	Proteomic analysis of <i>Herbaspirillum seropedicae</i> cultivated in the presence of sugar cane extract. <i>Journal of Proteome Research</i> , 2013 , 12, 1142-50	5.6	17
12	Rapid identification of bacterial isolates from wheat roots by high resolution whole cell MALDI-TOF MS analysis. <i>Journal of Biotechnology</i> , 2013 , 165, 167-74	3.7	32
11	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	3.7	34
10	Characterization of a new Acidobacteria-derived moderately thermostable lipase from a Brazilian Atlantic Forest soil metagenome. <i>FEMS Microbiology Ecology</i> , 2012 , 81, 386-94	4.3	27
9	Structural characterization of the RNA chaperone Hfq from the nitrogen-fixing bacterium <i>Herbaspirillum seropedicae</i> SmR1. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012 , 1824, 359-65	4	7
8	Nitrogen fixation control in <i>Herbaspirillum seropedicae</i> . <i>Plant and Soil</i> , 2012 , 356, 197-207	4.2	33
7	<i>Herbaspirillum</i> -plant interactions: microscopical, histological and molecular aspects. <i>Plant and Soil</i> , 2012 , 356, 175-196	4.2	111
6	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, 4136-7	3.5	18
5	Genome of <i>Herbaspirillum seropedicae</i> strain SmR1, a specialized diazotrophic endophyte of tropical grasses. <i>PLoS Genetics</i> , 2011 , 7, e1002064	6	151
4	A two-dimensional electrophoretic profile of the proteins secreted by <i>Herbaspirillum seropedicae</i> strain Z78. <i>Journal of Proteomics</i> , 2009 , 73, 50-6	3.9	16
3	Structural organization of the glnBA region of the <i>Azospirillum brasilense</i> genome. <i>European Journal of Soil Biology</i> , 2009 , 45, 100-105	2.9	5
2	A two-dimensional proteome reference map of <i>Herbaspirillum seropedicae</i> proteins. <i>Proteomics</i> , 2007 , 7, 3759-63	4.8	16
1	In-trans regulation of the N-truncated-NIFA protein of <i>Herbaspirillum seropedicae</i> by the N-terminal domain. <i>FEMS Microbiology Letters</i> , 1999 , 180, 157-61	2.9	19