Emanuel Maltempi de Souza

List of Publications by Year
in descending order

142 papers	3,620 citations	126858 33 h-index	182361 51 g-index
148 all docs	148 docs citations	148 times ranked	4596 citing authors

#	Article	IF	Citations
1	Genome of Herbaspirillum seropedicae Strain SmR1, a Specialized Diazotrophic Endophyte of Tropical Grasses. PLoS Genetics, 2011, 7, e1002064.	1.5	188
2	Identification and characterization of a new true lipase isolated through metagenomic approach. Microbial Cell Factories, 2011, 10, 54.	1.9	152
3	Exploring the genomic diversity of black yeasts and relatives (Chaetothyriales,Ascomycota). Studies in Mycology, 2017, 86, 1-28.	4.5	144
4	Dual RNA-seq transcriptional analysis of wheat roots colonized by Azospirillum brasilense reveals up-regulation of nutrient acquisition and cell cycle genes. BMC Genomics, 2014, 15, 378.	1.2	130
5	Diversity of endophytic bacteria in Brazilian sugarcane. Genetics and Molecular Research, 2010, 9, 250-258.	0.3	122
6	Herbaspirillum seropedicae rfbB and rfbC genes are required for maize colonization. Environmental Microbiology, 2010, 12, 2233-2244.	1.8	105
7	16S Ribosomal DNA Characterization of Nitrogen-Fixing Bacteria Isolated from Banana (Musa spp.) and Pineapple (Ananas comosus (L.) Merril). Applied and Environmental Microbiology, 2001, 67, 2375-2379.	1.4	95
8	First evidence for the salt-dependent folding and activity of an esterase from the halophilic archaea Haloarcula marismortui. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 719-729.	1.2	87
9	Detection of misidentifications of species from the Burkholderia cepacia complex and description of a new member, the soil bacterium Burkholderia catarinensis sp. nov.. Pathogens and Disease, 2017, 75, .	0.8	70
10	Virulence characteristics and antimicrobial susceptibility of uropathogenic Escherichia coli strains. Genetics and Molecular Research, 2011, 10, 4114-4125.	0.3	68
11	Metabolic profiling of two maize (Zea mays L.) inbred lines inoculated with the nitrogen fixing plant-interacting bacteria Herbaspirillum seropedicae and Azospirillum brasilense. PLoS ONE, 2017, 12, e0174576.	1.1	67
12	Diversity of 16S rRNA genes from bacteria of sugarcane rhizosphere soil. Brazilian Journal of Medical and Biological Research, 2011, 44, 1215-1221.	0.7	66
13	GFinisher: a new strategy to refine and finish bacterial genome assemblies. Scientific Reports, 2016, 6, 34963.	1.6	64
14	PII signal transduction proteins: pivotal players in post-translational control of nitrogenase activity. Microbiology (United Kingdom), 2012, 158, 176-190.	0.7	64
15	FGAP: an automated gap closing tool. BMC Research Notes, 2014, 7, 371.	0.6	63
16	Exopolysaccharide Biosynthesis Enables Mature Biofilm Formation on Abiotic Surfaces by Herbaspirillum seropedicae. PLoS ONE, 2014, 9, e110392.	1.1	57
17	Oligomerization as a strategy for cold adaptation: Structure and dynamics of the GH1 Î²-glucosidase from Exiguobacterium antarcticum B7. Scientific Reports, 2016, 6, 23776.	1.6	57
18	RNA-seq transcriptional profiling of Herbaspirillum seropedicae colonizing wheat (Triticum aestivum) roots. Plant Molecular Biology, 2016, 90, 589-603.	2.0	55

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19	A novel cold-adapted and glucose-tolerant GH1 Î²-glucosidase from Exiguobacterium antarcticum B7. International Journal of Biological Macromolecules, 2016, 82, 375-380.	3.6	55
20	Isolation of a novel lipase from a metagenomic library derived from mangrove sediment from the south Brazilian coast. Genetics and Molecular Research, 2010, 9, 514-523.	0.3	53
21	The protective role of PHB and its degradation products against stress situations in bacteria. FEMS Microbiology Reviews, 2021, 45, .	3.9	50
22	Naringenin Regulates Expression of Genes Involved in Cell Wall Synthesis inHerbaspirillum seropedicae. Applied and Environmental Microbiology, 2011, 77, 2180-2183.	1.4	46
23	Nitrogen fixation control in Herbaspirillum seropedicae. Plant and Soil, 2012, 356, 197-207.	1.8	44
24	Maize Root Lectins Mediate the Interaction with Herbaspirillum seropedicae via N-Acetyl Glucosamine Residues of Lipopolysaccharides. PLoS ONE, 2013, 8, e77001.	1.1	44
25	Naringenin degradation by the endophytic diazotroph Herbaspirillum seropedicae SmR1. Microbiology (United Kingdom), 2013, 159, 167-175.	0.7	41
26	Comparative Proteomics Analysis of the Rice Roots Colonized by Herbaspirillum seropedicae Strain SmR1 Reveals Induction of the Methionine Recycling in the Plant Host. Journal of Proteome Research, 2013, 12, 4757-4768.	1.8	41
27	Two roles for integration host factor at an enhancer-dependent nifA promoter. Molecular Microbiology, 2000, 35, 756-764.	1.2	39
28	New Heterofunctional Supports Based on Glutaraldehyde-Activation: A Tool for Enzyme Immobilization at Neutral pH. Molecules, 2017, 22, 1088.	1.7	39
29	Phenotypic and genotypic traits of Shiga toxin-producingEscherichia colistrains isolated from beef cattle from ParanÃ¡ State, southern Brazil. Letters in Applied Microbiology, 2007, 44, 607-612.	1.0	37
30	Quantification of Azospirillum brasilense FP2 Bacteria in Wheat Roots by Strain-Specific Quantitative PCR. Applied and Environmental Microbiology, 2015, 81, 6700-6709.	1.4	37
31	Crystal structure of the GlnZ-DraG complex reveals a different form of P_{II}-target interaction. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18972-18976.	3.3	36
32	Characterization of a new Acidobacteria-derived moderately thermostable lipase from a Brazilian Atlantic Forest soil metagenome. FEMS Microbiology Ecology, 2012, 81, 386-394.	1.3	36
33	Rapid identification of bacterial isolates from wheat roots by high resolution whole cell MALDI-TOF MS analysis. Journal of Biotechnology, 2013, 165, 167-174.	1.9	36
34	Modulation of defence and iron homeostasis genes in rice roots by the diazotrophic endophyte Herbaspirillum seropedicae. Scientific Reports, 2019, 9, 10573.	1.6	33
35	The type III secretion system is necessary for the development of a pathogenic and endophytic interaction between Herbaspirillum rubrisubalbicans and Poaceae. BMC Microbiology, 2012, 12, 98.	1.3	30
36	Search for novel targets of the <scp>P_{II}</scp> signal transduction protein in <scp>B</scp>acteria identifies the <scp>BCCP</scp> component of acetylâ€<scp>CoA</scp> carboxylase as a <scp>P_{II}</scp> binding partner. Molecular Microbiology, 2014, 91, 751-761.	1.2	30

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37	Immobilization of LipC12, a new lipase obtained by metagenomics, and its application in the synthesis of biodiesel esters. Journal of Molecular Catalysis B: Enzymatic, 2015, 116, 45-51.	1.8	30
38	Microbial communities network analysis of anaerobic reactors fed with bovine and swine slurry. Science of the Total Environment, 2020, 742, 140314.	3.9	30
39	Regulation of Nitrogenase by Reversible Mono-ADP-Ribosylation. Current Topics in Microbiology and Immunology, 2014, 384, 89-106.	0.7	27
40	Metataxonomic and metagenomic analysis of mangrove microbiomes reveals community patterns driven by salinity and pH gradients in ParanaguÃ¡ Bay, Brazil. Science of the Total Environment, 2019, 694, 133609.	3.9	27
41	Performance of different wheat genotypes inoculated with the plant growth promoting bacterium Herbaspirillum seropedicae. European Journal of Soil Biology, 2014, 64, 1-5.	1.4	26
42	Cinnamaldehyde induces changes in the protein profile of Salmonella Typhimurium biofilm. Research in Microbiology, 2018, 169, 33-43.	1.0	26
43	The â^'374A allele of the receptor for advanced glycation end products (RAGE) gene promoter is a protective factor against cardiovascular lesions in type 2 diabetes mellitus patients. Clinical Chemistry and Laboratory Medicine, 2007, 45, 1268-72.	1.4	25
44	High levels of active quiescin Q6 sulfhydryl oxidase (QSOX) are selectively present in fetal serum. Redox Report, 2005, 10, 319-323.	1.4	24
45	Importance of Poly-3-Hydroxybutyrate Metabolism to the Ability of Herbaspirillum seropedicae To Promote Plant Growth. Applied and Environmental Microbiology, 2019, 85, .	1.4	24
46	Comparative Plastid Genomics of Neotropical Bulbophyllum (Orchidaceae; Epidendroideae). Frontiers in Plant Science, 2020, 11, 799.	1.7	24
47	Polymorphisms in FTO and TCF7L2 genes of Euro-Brazilian women with gestational diabetes. Clinical Biochemistry, 2015, 48, 1064-1067.	0.8	23
48	What Did We Learn From Plant Growth-Promoting Rhizobacteria (PGPR)-Grass Associations Studies Through Proteomic and Metabolomic Approaches?. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	23
49	Evidence for the endophytic colonization of Phaseolus vulgaris(common bean) roots by the diazotroph Herbaspirillum seropedicae. Brazilian Journal of Medical and Biological Research, 2011, 44, 182-185.	0.7	22
50	Heat stability of Proteobacterial PII protein facilitate purification using a single chromatography step. Protein Expression and Purification, 2012, 81, 83-88.	0.6	22
51	Draft Genome Sequence of Herbaspirillum lusitanum P6-12, an Endophyte Isolated from Root Nodules of Phaseolus vulgaris. Journal of Bacteriology, 2012, 194, 4136-4137.	1.0	21
52	Interaction of GlnK with the GAF domain of Herbaspirillum seropedicae NifA mediates NH4+-regulation. Biochimie, 2012, 94, 1041-1047.	1.3	20
53	The transcriptional regulator NtrC controls glucose-6-phosphate dehydrogenase expression and polyhydroxybutyrate synthesis through NADPH availability in Herbaspirillum seropedicae. Scientific Reports, 2017, 7, 13546.	1.6	20
54	Dynamics of the Escherichia coli proteome in response to nitrogen starvation and entry into the stationary phase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 344-352.	1.1	19

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55	Labeled Azospirillum brasilense wild type and excretion-ammonium strains in association with barley roots. Plant Physiology and Biochemistry, 2017, 118, 422-426.	2.8	19
56	A two-dimensional electrophoretic profile of the proteins secreted by Herbaspirillum seropedicae strain Z78. Journal of Proteomics, 2009, 73, 50-56.	1.2	18
57	Proteomic analysis of Herbaspirillum seropedicae reveals ammonium-induced AmtB-dependent membrane sequestration of PII proteins. FEMS Microbiology Letters, 2010, 308, 40-47.	0.7	18
58	Chemical composition of lipopolysaccharides isolated from various endophytic nitrogen-fixing bacteria of the genus Herbaspirillum. Canadian Journal of Microbiology, 2010, 56, 342-347.	0.8	18
59	Identification of a new lipase family in the Brazilian Atlantic Forest soil metagenome. Environmental Microbiology Reports, 2011, 3, 750-755.	1.0	18
60	Chemoprotective activity of mixed valence polyoxovanadates against diethylsulphate in E. coli cultures: insights from solution speciation studies. RSC Advances, 2016, 6, 114955-114968.	1.7	18
61	Role of PII proteins in nitrogen fixation control of Herbaspirillum seropedicae strain SmR1. BMC Microbiology, 2011, 11, 8.	1.3	17
62	Influence of the ADP/ATP ratio, 2-oxoglutarate and divalent ions on Azospirillum brasilense PII protein signalling. Microbiology (United Kingdom), 2012, 158, 1656-1663.	0.7	17
63	Proteomic Analysis of Herbaspirillum seropedicae Cultivated in the Presence of Sugar Cane Extract. Journal of Proteome Research, 2013, 12, 1142-1150.	1.8	17
64	In vitro uridylylation of the Azospirillum brasilense N-signal transducing GlnZ protein. Protein Expression and Purification, 2004, 33, 19-24.	0.6	16
65	A twoâ€dimensional proteome reference map of Herbaspirillum seropedicae proteins. Proteomics, 2007, 7, 3759-3763.	1.3	16
66	A prospective study on Shiga toxin-producingEscherichia coliin children with diarrhoea in ParanÃ¡ State, Brazil. Letters in Applied Microbiology, 2009, 48, 645-647.	1.0	16
67	Herbaspirillum rubrisubalbicans, a mild pathogen impairs growth of rice by augmenting ethylene levels. Plant Molecular Biology, 2017, 94, 625-640.	2.0	16
68	Draft genome sequence of Paraburkholderia tropica Ppe8 strain, a sugarcane endophytic diazotrophic bacterium. Brazilian Journal of Microbiology, 2018, 49, 210-211.	0.8	16
69	Shed Light in the DaRk LineagES of the Fungal Tree of Lifeâ€”STRES. Life, 2020, 10, 362.	1.1	16
70	Purification and characterization of the bifunctional uridylyltransferase and the signal transducing proteins GlnB and GlnK from Herbaspirillum seropedicae. Protein Expression and Purification, 2007, 55, 293-299.	0.6	15
71	The â^'429 T>C polymorphism of the receptor for advanced glycation end products (RAGE) is associated with type 1 diabetes in a Brazilian population. Clinica Chimica Acta, 2007, 383, 163-164.	0.5	15
72	Herbaspirillum rubrisubalbicans as a Phytopathogenic Model to Study the Immune System of Sorghum bicolor. Molecular Plant-Microbe Interactions, 2020, 33, 235-246.	1.4	15

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73	Diverse Bacterial Genes Modulate Plant Root Association by Beneficial Bacteria. MBio, 2020, 11, .	1.8	15
74	Identification and characterization of PhbF: A DNA binding protein with regulatory role in the PHB metabolism of Herbaspirillum seropedicae SmR1. BMC Microbiology, 2011, 11, 230.	1.3	14
75	First co-expression of a lipase and its specific foldase obtained by metagenomics. Microbial Cell Factories, 2014, 13, 171.	1.9	14
76	Induction of a gloverin-like antimicrobial polypeptide in the sugarcane borer Diatraea saccharalis challenged by septic injury. Brazilian Journal of Medical and Biological Research, 2010, 43, 431-436.	0.7	13
77	The polymorphisms â€“1131T>C and the S19W of the APOA5 gene are not associated with coronary artery disease in a Brazilian population. Clinical Chemistry and Laboratory Medicine, 2010, 48, 419-22.	1.4	13
78	New Tailor-Made Alkyl-Aldehyde Bifunctional Supports for Lipase Immobilization. Catalysts, 2016, 6, 191.	1.6	13
79	Genetic and functional characterization of a novel metaâ€pathway for degradation of naringenin in Herbaspirillum seropedicae SmR1. Environmental Microbiology, 2016, 18, 4653-4661.	1.8	13
80	Serum Fluorescent Advanced Glycation End (F-AGE) products in gestational diabetes patients. Archives of Endocrinology and Metabolism, 2017, 61, 233-237.	0.3	13
81	The glucokinase gene promoter polymorphism â^' 30G>A (rs1799884) is associated with fasting glucose in healthy pregnant women but not with gestational diabetes. Clinica Chimica Acta, 2010, 411, 892-893.	0.5	12
82	In vitro interaction between the ammonium transport protein AmtB and partially uridylylated forms of the PII protein GlnZ. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1203-1209.	1.1	12
83	A <scp>N</scp>od<scp>D</scp>â€like protein activates transcription of genes involved with naringenin degradation in a flavonoidâ€dependent manner in Herbaspirillum seropedicae. Environmental Microbiology, 2017, 19, 1030-1040.	1.8	12
84	Tailoring recombinant lipases: keeping the His-tag favors esterification reactions, removing it favors hydrolysis reactions. Scientific Reports, 2018, 8, 10000.	1.6	12
85	NAD+ biosynthesis in bacteria is controlled by global carbon/nitrogen levels via PII signaling. Journal of Biological Chemistry, 2020, 295, 6165-6176.	1.6	12
86	Expression, purification, and DNA-binding activity of the Herbaspirillum seropedicae RecX protein. Protein Expression and Purification, 2004, 35, 298-303.	0.6	11
87	The involvement of the nif-associated ferredoxin-like genes fdxA and fdxN of Herbaspirillum seropedicae in nitrogen fixation. Journal of Microbiology, 2010, 48, 77-83.	1.3	11
88	Seasonal changes in dominant bacterial taxa from acidic peatlands of the Atlantic Rain Forest. Research in Microbiology, 2014, 165, 517-525.	1.0	11
89	Biochemical Characteristics, Adhesion, and Cytotoxicity of Environmental and Clinical Isolates of Herbaspirillum spp. Journal of Clinical Microbiology, 2015, 53, 302-308.	1.8	11
90	Proteome analysis of an Escherichia coli ptsN -null strain under different nitrogen regimes. Journal of Proteomics, 2018, 174, 28-35.	1.2	11

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91	Short Communication The functional polymorphisms -429T>C and -374T>A of the RAGE gene promoter are not associated with gestational diabetes in Euro-Brazilians. Genetics and Molecular Research, 2010, 9, 1130-1135.	0.3	10
92	Structural analysis of Herbaspirillum seropedicae lipid-A and of two mutants defective to colonize maize roots. International Journal of Biological Macromolecules, 2012, 51, 384-391.	3.6	10
93	3-Hydroxybutyrate Derived from Poly-3-Hydroxybutyrate Mobilization Alleviates Protein Aggregation in Heat-Stressed Herbaspirillum seropedicae SmR1. Applied and Environmental Microbiology, 2020, 86, .	1.4	10
94	Expression, purification, and functional analysis of the C-terminal domain of Herbaspirillum seropedicae NifA protein. Protein Expression and Purification, 2003, 27, 313-318.	0.6	9
95	Uridylylation of Herbaspirillum seropedicae GlnB and GlnK proteins is differentially affected by ATP, ADP and 2-oxoglutarate in vitro. Archives of Microbiology, 2012, 194, 643-652.	1.0	9
96	Polymorphisms of the promoter and exon 3 of the receptor for advanced glycation end products (RAGE) in Euroâ€•and Afroâ€Brazilians. International Journal of Immunogenetics, 2012, 39, 155-160.	0.8	9
97	Genome Sequence of Bacillus mycoides B38V, a Growth-Promoting Bacterium of Sunflower. Genome Announcements, 2015, 3, .	0.8	9
98	Synthesis of flavor esters and structured lipids by a new immobilized lipase, LipC12, obtained from metagenomics. Biocatalysis and Agricultural Biotechnology, 2016, 8, 294-300.	1.5	9
99	Sugarcane apoplast fluid modulates the global transcriptional profile of the diazotrophic bacteria Paraburkholderia tropica strain Ppe8. PLoS ONE, 2018, 13, e0207863.	1.1	9
100	Inter-domain cross-talk controls the NifA protein activity ofHerbaspirillum seropedicae. FEBS Letters, 2001, 508, 1-4.	1.3	8
101	Structural characterization of the RNA chaperone Hfq from the nitrogen-fixing bacterium Herbaspirillum seropedicae SmR1. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 359-365.	1.1	8
102	Effect of ATP and 2-oxoglutarate on the in vitro interaction between the NifA GAF domain and the GlnB protein of Azospirillum brasilense. Brazilian Journal of Medical and Biological Research, 2012, 45, 1135-1140.	0.7	8
103	The RecX protein interacts with the RecA protein and modulates its activity in Herbaspirillum seropedicae. Brazilian Journal of Medical and Biological Research, 2012, 45, 1127-1134.	0.7	8
104	The polymorphism rs2268574 in Glucokinase gene is associated with gestational Diabetes mellitus. Clinical Biochemistry, 2014, 47, 499-500.	0.8	8
105	Iron deficiency resistance mechanisms enlightened by gene expression analysis in Paenibacillus riograndensis SBR5. Research in Microbiology, 2016, 167, 501-509.	1.0	7
106	Characteristics of an Aeromonas trota strain isolated from cerebrospinal fluid. Microbial Pathogenesis, 2018, 116, 109-112.	1.3	7
107	Low prevalence of glucokinase gene mutations in gestational diabetic patients with good glycemic control. Genetics and Molecular Research, 2012, 11, 1433-1441.	0.3	6
108	Cross-Linking with Polyethylenimine Confers Better Functional Characteristics to an Immobilized Î²-glucosidase from Exiguobacterium antarcticum B7. Catalysts, 2019, 9, 223.	1.6	6

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109	Efficient Nitrogen-Fixing Bacteria Isolated from Soybean Nodules in the Semi-arid Region of Northeast Brazil are Classified as Bradyrhizobium brasilense (Symbiovar Sojae). Current Microbiology, 2020, 77, 1746-1755.	1.0	6
110	Structural organization of the glnBA region of the Azospirillum brasilense genome. European Journal of Soil Biology, 2009, 45, 100-105.	1.4	5
111	Expression and characterization of an N-truncated form of the NifA protein of Azospirillum brasilense. Brazilian Journal of Medical and Biological Research, 2012, 45, 113-117.	0.7	5
112	Genome of Rhizobium sp. UR51a, Isolated from Rice Cropped in Southern Brazilian Fields. Genome Announcements, 2015, 3, .	0.8	5
113	Whole-Genome Shotgun Sequence of the Keratinolytic Bacterium Lysobacter sp. A03, Isolated from the Antarctic Environment. Genome Announcements, 2015, 3, .	0.8	5
114	Hierarchical interactions between Fnr orthologs allows fine-tuning of transcription in response to oxygen in Herbaspirillum seropedicae. Nucleic Acids Research, 2018, 46, 3953-3966.	6.5	5
115	The genomes of three Bradyrhizobium sp. isolated from root nodules of Lupinus albescens grown in extremely poor soils display important genes for resistance to environmental stress. Genetics and Molecular Biology, 2018, 41, 502-506.	0.6	5
116	Cellulose production increases sorghum colonization and the pathogenic potential of Herbaspirillum rubrisubalbicans M1. Scientific Reports, 2019, 9, 4041.	1.6	5
117	Azospirillum brasilense PII proteins GlnB and GlnZ do not form heterotrimers and GlnB shows a unique trimeric uridylylation pattern. European Journal of Soil Biology, 2009, 45, 94-99.	1.4	4
118	Apolipoprotein B gene polymorphisms g.2488C>T and g.4154G>A are not associated with coronary artery disease in a Brazilian population. Clinica Chimica Acta, 2009, 403, 261.	0.5	4
119	Enhanced oxygen consumption in Herbaspirillum seropedicae fnr mutants leads to increased NifA mediated transcriptional activation. BMC Microbiology, 2015, 15, 95.	1.3	4
120	Mutational analysis of GlnB residues critical for NifA activation in Azospirillum brasilense. Microbiological Research, 2015, 171, 65-72.	2.5	4
121	A New Strategy for the Selection of Epiphytic and Endophytic Bacteria for Enhanced Plant Performance. Methods in Molecular Biology, 2019, 1991, 247-256.	0.4	4
122	Expression, purification, and DNA-binding activity of the solubilized NtrC protein of Herbaspirillum seropedicae. Protein Expression and Purification, 2003, 30, 117-123.	0.6	3
123	The rs10885122 polymorphism of the adrenoceptor alpha 2A (ADRA2A) gene in Euro-Brazilians with type 2 diabetes mellitus. Archives of Endocrinology and Metabolism, 2015, 59, 29-33.	0.3	3
124	Purification of the Campylobacter jejuni Dps protein assisted by its high melting temperature. Protein Expression and Purification, 2015, 111, 105-110.	0.6	3
125	Genome Sequence of the Human Opportunistic Fungus Arthrocladium fulminans (CBS 136243). G3: Genes, Genomes, Genetics, 2020, 10, 1817-1821.	0.8	3
126	Herbaspirillum seropedicae expresses non-phosphorylative pathways for d-xylose catabolism. Applied Microbiology and Biotechnology, 2021, 105, 7339-7352.	1.7	3

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127	Conserved histidine residues at the ferroxidase centre of the Campylobacter jejuni Dps protein are not strictly required for metal binding and oxidation. Microbiology (United Kingdom), 2016, 162, 156-163.	0.7	3
128	Polyoxovanadates as new Pâ€glycoprotein inhibitors: insights into the mechanism of inhibition. FEBS Letters, 2022, 596, 381-399.	1.3	3
129	Crystallization and preliminary crystallographic analysis of LipC12, a true lipase isolated through a metagenomics approach. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 175-177.	0.7	2
130	Complete Genome Sequence of Herbaspirillum hiltneri N3 (DSM 17495), Isolated from Surface-Sterilized Wheat Roots. Genome Announcements, 2015, 3, .	0.8	2
131	Genome of Pseudomonas sp. FeS53a, a Putative Plant Growth-Promoting Bacterium Associated with Rice Grown in Iron-Stressed Soils. Genome Announcements, 2015, 3, .	0.8	2
132	Genome Sequence of Type Strain Fonsecaea multimorphosa CBS 980.96 ^T , a Causal Agent of Feline Cerebral Phaeohyphomycosis. Genome Announcements, 2017, 5, .	0.8	2
133	In silico prediction and expression profile analysis of small non-coding RNAs in Herbaspirillum seropedicae SmR1. BMC Genomics, 2020, 21, 134.	1.2	2
134	Herbaspirillum seropedicae strain HRC54 expression profile in response to sugarcane apoplastic fluid. 3 Biotech, 2021, 11, 292.	1.1	2
135	Control of Gene Expression With Quercetin-Responsive Modular Circuits. Frontiers in Bioengineering and Biotechnology, 2021, 9, 730967.	2.0	2
136	Preproghrelin polymorphism Q90L (rs4684677) in gestational diabetes. Arquivos Brasileiros De Endocrinologia E Metabologia, 2014, 58, 83-84.	1.3	2
137	Genes involved in Sec-independent membrane targeting of hydrogenase in Azotobacter chroococcum. Research in Microbiology, 2007, 158, 272-278.	1.0	1
138	Expression, purification and biochemical characterization of a single-stranded DNA binding protein from Herbaspirillum seropedicae. Protein Expression and Purification, 2007, 53, 195-200.	0.6	1
139	In vitro characterization of the NAD+ synthetase NadE1 from Herbaspirillum seropedicae. Archives of Microbiology, 2016, 198, 307-313.	1.0	1
140	Quantification of Grass Colonization by Associative Bacteria. Current Protocols in Plant Biology, 2017, 2, 108-123.	2.8	1
141	Characterization of glutamine synthetase from the ammonium-excreting strain HM053 of Azospirillum brasilense. Brazilian Journal of Biology, 2021, 82, e235927.	0.4	1
142	Polymorphisms rs144723656, rs2268574, and rs2268575 of the glucokinase gene are not associated with obese women with type 2 diabetes mellitus. Clinical Biochemistry, 2016, 49, 194-195.	0.8	0