

# Helisson Faoro

## 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.

55 papers	1,296 citations	20 h-index	35 g-index
62 ext. papers	1,668 ext. citations	4.3 avg, IF	3.89 L-index

#	Paper	IF	Citations
55	Phylogenetic-based inference reveals distinct transmission dynamics of SARS-CoV-2 lineages Gamma and P.2 in Brazil.. <i>IScience</i> , <b>2022</b> , 25, 104156	6.1	2
54	Re-emergence of Gamma-like-II and emergence of Gamma-S:E661D SARS-CoV-2 lineages in the south of Brazil after the 2021 outbreak. <i>Virology Journal</i> , <b>2021</b> , 18, 222	6.1	2
53	Comparative Genomics Provides Insights into the Taxonomy of and Reveals Separate Origins of Genes in the Proposed and Genera. <i>Genes</i> , <b>2021</b> , 12,	4.2	3
52	Cross-Kingdom Extracellular Vesicles EV-RNA Communication as a Mechanism for Host-Pathogen Interaction. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 593160	5.9	11
51	Metagenomic analysis of the bacterial microbiota associated with cultured oysters ( <i>Crassostrea</i> sp.) in estuarine environments. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2020</b> , 92, e20180432	1.4	2
50	Molecular relationships of <i>Campomanesia xanthocarpa</i> within Myrtaceae based on the complete plastome sequence and on the plastid <i>ycf2</i> gene. <i>Genetics and Molecular Biology</i> , <b>2020</b> , 43, e20180377	2	4
49	Resistome analysis of bloodstream infection bacterial genomes reveals a specific set of proteins involved in antibiotic resistance and drug efflux. <i>NAR Genomics and Bioinformatics</i> , <b>2020</b> , 2, lqaa055	3.7	0
48	Identification of a novel alphavirus related to the encephalitis complexes circulating in southern Brazil. <i>Emerging Microbes and Infections</i> , <b>2019</b> , 8, 920-933	18.9	2
47	Genome Analysis of Entomopathogenic <i>Bacillus</i> sp. ABP14 Isolated from a Lignocellulosic Compost. <i>Genome Biology and Evolution</i> , <b>2019</b> , 11, 1658-1662	3.9	2
46	Distinct grazing pressure loads generate different impacts on bacterial community in a long-term experiment in Pampa biome. <i>Applied Soil Ecology</i> , <b>2019</b> , 137, 167-177	5	5
45	Metataxonomic and metagenomic analysis of mangrove microbiomes reveals community patterns driven by salinity and pH gradients in Paranaguá Bay, Brazil. <i>Science of the Total Environment</i> , <b>2019</b> , 694, 133609	10.2	16
44	Genome comparison between clinical and environmental strains of <i>Herbaspirillum seropedicae</i> reveals a potential new emerging bacterium adapted to human hosts. <i>BMC Genomics</i> , <b>2019</b> , 20, 630	4.5	5
43	Modulation of defence and iron homeostasis genes in rice roots by the diazotrophic endophyte <i>Herbaspirillum seropedicae</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 10573	4.9	6
42	Comparison of the RNA Content of Extracellular Vesicles Derived from and. <i>Cells</i> , <b>2019</b> , 8,	7.9	25
41	Genetic and biological characterisation of Zika virus isolates from different Brazilian regions. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2019</b> , 114, e190150	2.6	7
40	Identification of insect-specific flaviviruses in areas of Brazil and Paraguay experiencing endemic arbovirus transmission and the description of a novel flavivirus infecting <i>Sabethes belisarioi</i> . <i>Virology</i> , <b>2019</b> , 527, 98-106	3.6	10
39	Metagenomic evaluation of the effects of storage conditions on the bacterial microbiota of oysters <i>Crassostrea gasar</i> (Adanson, 1757). <i>Journal of Applied Microbiology</i> , <b>2018</b> , 125, 1435-1443	4.7	3

38	Emended description of the genus <i>Phytobacter</i> , its type species <i>Phytobacter diazotrophicus</i> (Zhang 2008) and description of <i>Phytobacter ursingii</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2018</b> , 68, 176-184	2.2	14
37	Genome Sequence of Type Strain CBS 980.96, a Causal Agent of Feline Cerebral Phaeohyphomycosis. <i>Genome Announcements</i> , <b>2017</b> , 5,		2
36	The oil-contaminated soil diazotroph <i>Azoarcus olearius</i> DQS-4 is genetically and phenotypically similar to the model grass endophyte <i>Azoarcus</i> sp. BH72. <i>Environmental Microbiology Reports</i> , <b>2017</b> , 9, 223-238	3.7	25
35	A broad pH range and processive chitinase from a metagenome library. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2017</b> , 50, e5658	2.8	15
34	RNA-binding proteins and their role in the regulation of gene expression in <i>Trypanosoma cruzi</i> and <i>Saccharomyces cerevisiae</i> . <i>Genetics and Molecular Biology</i> , <b>2017</b> , 40, 22-30	2	20
33	Comparative Genomics of Sibling Species of Associated with Human Chromoblastomycosis. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1924	5.7	17
32	Development and validation of the first SSR markers for <i>Mimosa scabrella</i> Benth. <i>Genetics and Molecular Research</i> , <b>2017</b> , 16,	1.2	2
31	Molecular adaptations of <i>Herbaspirillum seropedicae</i> during colonization of the maize rhizosphere. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 2343-56	5.2	32
30	The plastome sequence of the endemic Amazonian conifer, <i>Retrophyllum piresii</i> (Silba) C.N.Page, reveals different recombination events and plastome isoforms. <i>Tree Genetics and Genomes</i> , <b>2016</b> , 12, 1	2.1	19
29	Phylogenetic inference and SSR characterization of tropical woody bamboos tribe Bambuseae (Poaceae: Bambusoideae) based on complete plastid genome sequences. <i>Current Genetics</i> , <b>2016</b> , 62, 443-53	2.9	23
28	RNA-seq transcriptional profiling of <i>Herbaspirillum seropedicae</i> colonizing wheat ( <i>Triticum aestivum</i> ) roots. <i>Plant Molecular Biology</i> , <b>2016</b> , 90, 589-603	4.6	44
27	Whole-Genome Shotgun Sequence of the Keratinolytic Bacterium <i>Lysobacter</i> sp. A03, Isolated from the Antarctic Environment. <i>Genome Announcements</i> , <b>2015</b> , 3,		5
26	Complete Genome Sequence of <i>Herbaspirillum hiltneri</i> N3 (DSM 17495), Isolated from Surface-Sterilized Wheat Roots. <i>Genome Announcements</i> , <b>2015</b> , 3,		1
25	Genome wide transcriptional profiling of <i>Herbaspirillum seropedicae</i> SmR1 grown in the presence of naringenin. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 491	5.7	16
24	Genome Sequence of <i>Bacillus mycoides</i> B38V, a Growth-Promoting Bacterium of Sunflower. <i>Genome Announcements</i> , <b>2015</b> , 3,		7
23	Genome of <i>Pseudomonas</i> sp. FeS53a, a Putative Plant Growth-Promoting Bacterium Associated with Rice Grown in Iron-Stressed Soils. <i>Genome Announcements</i> , <b>2015</b> , 3,		2
22	Genome of <i>Rhizobium</i> sp. UR51a, Isolated from Rice Cropped in Southern Brazilian Fields. <i>Genome Announcements</i> , <b>2015</b> , 3,		4
21	Draft Genome Sequence of <i>Aeromonas caviae</i> 8LM, Isolated from Stool Culture of a Child with Diarrhea. <i>Genome Announcements</i> , <b>2015</b> , 3,		3

20	FGAP: an automated gap closing tool. <i>BMC Research Notes</i> , <b>2014</b> , 7, 371	2.3	45
19	Dual RNA-seq transcriptional analysis of wheat roots colonized by <i>Azospirillum brasilense</i> reveals up-regulation of nutrient acquisition and cell cycle genes. <i>BMC Genomics</i> , <b>2014</b> , 15, 378	4.5	96
18	An improved protocol for intact chloroplasts and cpDNA isolation in conifers. <i>PLoS ONE</i> , <b>2014</b> , 9, e84792	3.7	54
17	The complete chloroplast genome sequence of <i>Podocarpus lambertii</i> : genome structure, evolutionary aspects, gene content and SSR detection. <i>PLoS ONE</i> , <b>2014</b> , 9, e90618	3.7	47
16	The <i>Herbaspirillum seropedicae</i> SmR1 Fnr orthologs controls the cytochrome composition of the electron transport chain. <i>Scientific Reports</i> , <b>2013</b> , 3, 2544	4.9	12
15	Draft Genome Sequence of <i>Herbaspirillum huttiense</i> subsp. putei IAM 15032, a Strain Isolated from Well Water. <i>Genome Announcements</i> , <b>2013</b> , 1,		4
14	Culture-independent analysis of endophytic bacterial communities associated with Brazilian sugarcane. <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 4549-58	1.2	20
13	Characterization of a new Acidobacteria-derived moderately thermostable lipase from a Brazilian Atlantic Forest soil metagenome. <i>FEMS Microbiology Ecology</i> , <b>2012</b> , 81, 386-94	4.3	27
12	The type III secretion system is necessary for the development of a pathogenic and endophytic interaction between <i>Herbaspirillum rubrisubalbicans</i> and Poaceae. <i>BMC Microbiology</i> , <b>2012</b> , 12, 98	4.5	25
11	Genomic comparison of the endophyte <i>Herbaspirillum seropedicae</i> SmR1 and the phytopathogen <i>Herbaspirillum rubrisubalbicans</i> M1 by suppressive subtractive hybridization and partial genome sequencing. <i>FEMS Microbiology Ecology</i> , <b>2012</b> , 80, 441-51	4.3	31
10	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> , <b>2012</b> , 194, 4136-7	3.5	18
9	Identification of a new lipase family in the Brazilian Atlantic Forest soil metagenome. <i>Environmental Microbiology Reports</i> , <b>2011</b> , 3, 750-5	3.7	13
8	Identification and characterization of a new true lipase isolated through metagenomic approach. <i>Microbial Cell Factories</i> , <b>2011</b> , 10, 54	6.4	127
7	Verrucomicrobia in Brazilian Atlantic forest soil. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 3903-4	4.8	1
6	Diversity of 16S rRNA genes from bacteria of sugarcane rhizosphere soil. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2011</b> , 44, 1215-21	2.8	40
5	Naringenin regulates expression of genes involved in cell wall synthesis in <i>Herbaspirillum seropedicae</i> . <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 2180-3	4.8	38
4	Genome sequence of the diazotrophic Gram-positive rhizobacterium <i>Paenibacillus riograndensis</i> SBR5(T). <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 6391-2	3.5	11
3	Genome of <i>Herbaspirillum seropedicae</i> strain SmR1, a specialized diazotrophic endophyte of tropical grasses. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002064	6	151

2	Influence of soil characteristics on the diversity of bacteria in the Southern Brazilian Atlantic Forest. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 4744-9	4.8	135
1	Isolation of a novel lipase from a metagenomic library derived from mangrove sediment from the south Brazilian coast. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 514-23	1.2	44