

Robson Francisco de Souza

List of Publications by Year in descending order

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39
papers

2,981
citations

304602

22
h-index

302012

39
g-index

48
all docs

48
docs citations

48
times ranked

4100
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe Acute Respiratory Syndrome Coronavirus 2 Variants of Concern: A Perspective for Emerging More Transmissible and Vaccine-Resistant Strains. <i>Viruses</i> , 2022, 14, 827.	1.5	14
2	Quantitative structure-activity relationships, molecular docking and molecular dynamics simulations reveal drug repurposing candidates as potent SARS-CoV-2 main protease inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-18.	2.0	6
3	Comparative Phylogenomic Analysis Reveals Evolutionary Genomic Changes and Novel Toxin Families in Endophytic <i>Liberibacter</i> Pathogens. <i>Microbiology Spectrum</i> , 2021, 9, e0050921.	1.2	6
4	First Genome Sequences of Two Multidrug-Resistant <i>Candida haemulonii</i> var. <i>vulnera</i> Isolates From Pediatric Patients With Candidemia. <i>Frontiers in Microbiology</i> , 2020, 11, 1535.	1.5	8
5	Molecular Dynamics Reveals Complex Compensatory Effects of Ionic Strength on the Severe Acute Respiratory Syndrome Coronavirus 2 Spike/Human Angiotensin-Converting Enzyme 2 Interaction. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10446-10453.	2.1	20
6	Global Distribution and Evolution of <i>Mycobacterium bovis</i> Lineages. <i>Frontiers in Microbiology</i> , 2020, 11, 843.	1.5	37
7	The World of Cyclic Dinucleotides in Bacterial Behavior. <i>Molecules</i> , 2020, 25, 2462.	1.7	21
8	A Family of T6SS Antibacterial Effectors Related to L,d-Transpeptidases Targets the Peptidoglycan. <i>Cell Reports</i> , 2020, 31, 107813.	2.9	39
9	Profiling the rainbow trout hepatic miRNAome under diet-induced hyperglycemia. <i>Physiological Genomics</i> , 2019, 51, 411-431.	1.0	26
10	Molecular Epidemiology of Multidrug-Resistant <i>Klebsiella pneumoniae</i> Isolates in a Brazilian Tertiary Hospital. <i>Frontiers in Microbiology</i> , 2019, 10, 1669.	1.5	20
11	Assembly of the 373k gene space of the polyploid sugarcane genome reveals reservoirs of functional diversity in the world's leading biomass crop. <i>GigaScience</i> , 2019, 8, .	3.3	106
12	A bipartite periplasmic receptor-diguanylate cyclase pair (XAC2383 and XAC2382) in the bacterium <i>Xanthomonas citri</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 10767-10781.	1.6	2
13	Functional and evolutionary characterization of Ohr proteins in eukaryotes reveals many active homologs among pathogenic fungi. <i>Redox Biology</i> , 2017, 12, 600-609.	3.9	15
14	Structural and Enzymatic Characterization of a cAMP-Dependent Diguanylate Cyclase from Pathogenic <i>Leptospira</i> Species. <i>Journal of Molecular Biology</i> , 2017, 429, 2337-2352.	2.0	24
15	Polyvalent Proteins, a Pervasive Theme in the Intergenomic Biological Conflicts of Bacteriophages and Conjugative Elements. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	33
16	Complete Genome Sequencing of <i>Mycobacterium bovis</i> SP38 and Comparative Genomics of <i>Mycobacterium bovis</i> and <i>M. tuberculosis</i> Strains. <i>Frontiers in Microbiology</i> , 2017, 8, 2389.	1.5	40
17	Phylogenetic inference and SSR characterization of tropical woody bamboos tribe Bambuseae (Poaceae: Bambusoideae) based on complete plastid genome sequences. <i>Current Genetics</i> , 2016, 62, 443-453.	0.8	26
18	Lineage-specific expansions of TET/JBP genes and a new class of DNA transposons shape fungal genomic and epigenetic landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1676-1683.	3.3	51

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19	Genome Sequence of <i>Streptomyces olindensis</i> DAFPE 5622, Producer of the Antitumoral Anthracycline Cosmomycin D. <i>Genome Announcements</i> , 2014, 2, .	0.8	8
20	The Natural History of ADP-Ribosyltransferases and the ADP-Ribosylation System. <i>Current Topics in Microbiology and Immunology</i> , 2014, 384, 3-32.	0.7	99
21	Polymorphic toxin systems: Comprehensive characterization of trafficking modes, processing, mechanisms of action, immunity and ecology using comparative genomics. <i>Biology Direct</i> , 2012, 7, 18.	1.9	440
22	Identification of novel components of NAD-utilizing metabolic pathways and prediction of their biochemical functions. <i>Molecular BioSystems</i> , 2012, 8, 1661.	2.9	63
23	Gene flow and biological conflict systems in the origin and evolution of eukaryotes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 89.	1.8	67
24	Comparative genomics uncovers novel structural and functional features of the heterotrimeric GTPase signaling system. <i>Gene</i> , 2011, 475, 63-78.	1.0	57
25	Novel insights into the genomic basis of citrus canker based on the genome sequences of two strains of <i>Xanthomonas fuscans</i> subsp. <i>aurantifolii</i> . <i>BMC Genomics</i> , 2010, 11, 238.	1.2	102
26	Predicted class-I aminoacyl tRNA synthetase-like proteins in non-ribosomal peptide synthesis. <i>Biology Direct</i> , 2010, 5, 48.	1.9	45
27	Development and validation of a <i>Xanthomonas axonopodis</i> pv. <i>citri</i> DNA microarray platform (XACarray) generated from the shotgun libraries previously used in the sequencing of this bacterial genome. <i>BMC Research Notes</i> , 2010, 3, 150.	0.6	3
28	UMA and MABP domains throw light on receptor endocytosis and selection of endosomal cargoes. <i>Bioinformatics</i> , 2010, 26, 1477-1480.	1.8	23
29	Origin and evolution of peptide-modifying dioxygenases and identification of the wybutosine hydroxylase/hydroperoxidase. <i>Nucleic Acids Research</i> , 2010, 38, 5261-5279.	6.5	46
30	Diversity and evolution of chromatin proteins encoded by DNA viruses. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 302-318.	0.9	52
31	Bioinformatics construction of the human cell surfaceome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16752-16757.	3.3	119
32	The Anabaena sensory rhodopsin transducer defines a novel superfamily of prokaryotic small-molecule binding domains. <i>Biology Direct</i> , 2009, 4, 25.	1.9	7
33	AMIN domains have a predicted role in localization of diverse periplasmic protein complexes. <i>Bioinformatics</i> , 2008, 24, 2423-2426.	1.8	16
34	Cytological Characterization of YpsB, a Novel Component of the <i>Bacillus subtilis</i> Divisome. <i>Journal of Bacteriology</i> , 2008, 190, 7096-7107.	1.0	48
35	Comparative Analyses of <i>Xanthomonas</i> and <i>Xylella</i> Complete Genomes. <i>OMICS A Journal of Integrative Biology</i> , 2005, 9, 43-76.	1.0	39
36	COMPARATIVE GENOMICS ANALYSES OF CITRUS-ASSOCIATED BACTERIA. <i>Annual Review of Phytopathology</i> , 2004, 42, 163-184.	3.5	57

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37	Comparison of the genomes of two <i>Xanthomonas</i> pathogens with differing host specificities. <i>Nature</i> , 2002, 417, 459-463.	13.7	1,074
38	Genealogical Evidence for Positive Selection in the <i>nef</i> Gene of HIV-1. <i>Genetics</i> , 1999, 153, 1077-1089.	1.2	113
39	Tucuxi-BLAST: Enabling fast and accurate record linkage of large-scale health-related administrative databases through a DNA-encoded approach. <i>PeerJ</i> , 0, 10, e13507.	0.9	0