Diogo AntÃ´nio Tschoeke

List of Publications by Year
in descending order

46 papers	1,825 citations	567247 15 h-index	276858 41 g-index
52 all docs	52 docs citations	52 times ranked	3919 citing authors

#	Article	IF	Citations
1	Detection and sequencing of Zika virus from amniotic fluid of fetuses with microcephaly in Brazil: a case study. Lancet Infectious Diseases, The, 2016, 16, 653-660.	9.1	981
2	The clinically approved antiviral drug sofosbuvir inhibits Zika virus replication. Scientific Reports, 2017, 7, 40920.	3.3	167
3	Insights on the freshwater microbiomes metabolic changes associated with the world's largest mining disaster. Science of the Total Environment, 2019, 654, 1209-1217.	8.0	62
4	Development of standard methods for Zika virus propagation, titration, and purification. Journal of Virological Methods, 2017, 246, 65-74.	2.1	58
5	Remote sensing, isotopic composition and metagenomics analyses revealed Doce River ore plume reached the southern Abrolhos Bank Reefs. Science of the Total Environment, 2019, 697, 134038.	8.0	50
6	Comparative genomics ofSynechococcusand proposal of the new genusParasynechococcus. PeerJ, 2016, 4, e1522.	2.0	46
7	New Insights on the Terpenome of the Red Seaweed Laurencia dendroidea (Florideophyceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.6	39
8	Description of Endozoicomonas arenosclerae sp. nov. using a genomic taxonomy approach. Antonie Van Leeuwenhoek, 2016, 109, 431-438.	1.7	39
9	Emergence of the East-Central-South-African genotype of Chikungunya virus in Brazil and the city of Rio de Janeiro may have occurred years before surveillance detection. Scientific Reports, 2019, 9, 2760.	3.3	38
10	A new genomic taxonomy system for the Synechococcus collective. Environmental Microbiology, 2020, 22, 4557-4570.	3.8	32
11	The Comparative Genomics and Phylogenomics of Leishmania Amazonensis Parasite. Evolutionary Bioinformatics, 2014, 10, EBO.S13759.	1.2	23
12	New bacterial and archaeal lineages discovered in organic rich sediments of a large tropical Bay. Marine Genomics, 2020, 54, 100789.	1.1	22
13	Taxonomic and Functional Metagenomic Signature of Turfs in the Abrolhos Reef System (Brazil). PLoS ONE, 2016, 11, e0161168.	2.5	21
14	Metagenomics sheds light on the metabolic repertoire of oil-biodegrading microbes of the South Atlantic Ocean. Environmental Pollution, 2019, 249, 295-304.	7.5	20
15	Molecular Mechanisms for Microbe Recognition and Defense by the Red Seaweed Laurencia dendroidea. MSphere, 2017, 2, .	2.9	19
16	Microbial and Functional Biodiversity Patterns in Sponges that Accumulate Bromopyrrole Alkaloids Suggest Horizontal Gene Transfer of Halogenase Genes. Microbial Ecology, 2018, 76, 825-838.	2.8	18
17	ProtozoaDB: dynamic visualization and exploration of protozoan genomes. Nucleic Acids Research, 2007, 36, D547-D552.	14.5	17
18	Metagenomic Analysis of the Whole Gut Microbiota in Brazilian Termitidae Termites Cornitermes cumulans, Cyrilliotermes strictinasus, Syntermes dirus, Nasutitermes jaraguae, Nasutitermes aquilinus, Grigiotermes bequaerti, and Orthognathotermes mirim. Current Microbiology, 2019, 76, 687-697.	2.2	16

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19	Unlocking the Genomic Taxonomy of the Prochlorococcus Collective. Microbial Ecology, 2020, 80, 546-558.	2.8	12
20	Mangrove microbiome reveals importance of sulfur metabolism in tropical coastal waters. Science of the Total Environment, 2022, 813, 151889.	8.0	12
21	An observational clinical case of Zika virus-associated neurological disease is associated with primary IgG response and enhanced TNF levels. Journal of General Virology, 2018, 99, 913-916.	2.9	11
22	Virioplankton Assemblage Structure in the Lower River and Ocean Continuum of the Amazon. MSphere, 2017, 2, .	2.9	10
23	Metagenomics of Coral Reefs Under Phase Shift and High Hydrodynamics. Frontiers in Microbiology, 2018, 9, 2203.	3.5	10
24	Genomic repertoire of Mameliella alba Ep20 associated with Symbiodinium from the endemic coral Mussismilia braziliensis. Symbiosis, 2020, 80, 53-60.	2.3	10
25	An Orthology-Based Analysis of Pathogenic Protozoa Impacting Global Health: An Improved Comparative Genomics Approach with Prokaryotes and Model Eukaryote Orthologs. OMICS A Journal of Integrative Biology, 2014, 18, 524-538.	2.0	8
26	Detecting distant homologies on protozoans metabolic pathways using scientific workflows. International Journal of Data Mining and Bioinformatics, 2010, 4, 256.	0.1	5
27	Exploring the Genome of Cheese Starter Lactic Acid Bacterium Lactococcus lactis subsp. lactis CECT 4433. Genome Announcements, 2014, 2, .	0.8	5
28	STINGRAY: system for integrated genomic resources and analysis. BMC Research Notes, 2014, 7, 132.	1.4	5
29	Pregnant women carrying microcephaly foetuses and Zika virus contain potentially pathogenic microbes and parasites in their amniotic fluid. BMC Medical Genomics, 2017, 10, 5.	1.5	5
30	Genomic basis of antibiotic resistance in Vibrio parahaemolyticus strain JPA1. Memorias Do Instituto Oswaldo Cruz, 2019, 114, e190053.	1.6	5
31	Glacial-interglacial transitions in microbiomes recorded in deep-sea sediments from the western equatorial Atlantic. Science of the Total Environment, 2020, 746, 140904.	8.0	4
32	Rapid screening of marine bacterial symbionts using MALDI-TOF MS. Archives of Microbiology, 2020, 202, 2329-2336.	2.2	4
33	Conserved Pigment Profiles in Phylogenetically Diverse Symbiotic Bacteria Associated with the Corals Montastraea cavernosa and Mussismilia braziliensis. Microbial Ecology, 2021, 81, 267-277.	2.8	4
34	Enterovibrio baiacu sp. nov.. Current Microbiology, 2020, 77, 154-157.	2.2	3
35	Oil leakage induces changes in microbiomes of deep-sea sediments of Campos Basin (Brazil). Science of the Total Environment, 2020, 740, 139556.	8.0	3
36	Vibrio tetraodonis sp. nov.: genomic insights on the secondary metabolites repertoire. Archives of Microbiology, 2021, 203, 399-404.	2.2	3

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37	Draft Genome Sequence of Micrococcus sp. Strain MS-AsIII-49, an Arsenate-Reducing Isolate from Tropical Metal-Rich Sediment. Genome Announcements, 2015, 3, .	0.8	2
38	Description of Alteromonas abrolhosensis sp. nov., isolated from sea water of Abrolhos Bank, Brazil. Antonie Van Leeuwenhoek, 2018, 111, 1131-1138.	1.7	2
39	Genome Sequences of Vibrio maerlii sp. nov. and Vibrio rhodolitus sp. nov., Isolated from Rhodoliths. Microbiology Resource Announcements, 2018, 7, .	0.6	2
40	Halomonas coralii sp. nov. Isolated from Mussismilia braziliensis. Current Microbiology, 2019, 76, 678-680.	2.2	2
41	Genome sequence of Shewanella corallii strain A687 isolated from pufferfish (Sphoeroides spengleri). Genetics and Molecular Biology, 2020, 43, e20180314.	1.3	2
42	Metagenomic Insights Into Ecosystem Function in the Microbial Mats of a Large Hypersaline Coastal Lagoon System. Frontiers in Marine Science, 2021, 8, .	2.5	2
43	Exploring the Genome of a Butyric Acid Producer, Clostridium butyricum INCQS635. Genome Announcements, 2014, 2, .	0.8	1
44	ProtozoaDB 2.0: A Trypanosoma Brucei Case Study. Pathogens, 2017, 6, 32.	2.8	1
45	Draft Genome Sequence of Pseudoalteromonas sp. Strain PAB 2.2 Isolated from Abrolhos Bank (Brazil). Genome Announcements, 2017, 5, .	0.8	0
46	Genome sequence of Vibrio fluvialis 362.3 isolated from coral Mussismilia braziliensis reveals genes related to marine environment adaptation. Archives of Microbiology, 2021, 203, 3683-3686.	2.2	0