

AndrÃ© Antunes

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,678
citations

331259

21
h-index

288905

40
g-index

67
all docs

67
docs citations

67
times ranked

1985
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiology of the Red Sea (and other) deep-sea anoxic brine lakes. <i>Environmental Microbiology Reports</i> , 2011, 3, 416-433.	1.0	158
2	<i>Halorhabdus tiamatea</i> sp. nov., a non-pigmented, extremely halophilic archaeon from a deep-sea, hypersaline anoxic basin of the Red Sea, and emended description of the genus <i>Halorhabdus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 215-220.	0.8	124
3	Rhizosphere microbiome metagenomics of gray mangroves (<i>Avicennia marina</i>) in the Red Sea. <i>Gene</i> , 2016, 576, 626-636.	1.0	116
4	Biogeography of pelagic bacterioplankton across an antagonistic temperature-salinity gradient in the Red Sea. <i>Molecular Ecology</i> , 2012, 21, 388-405.	2.0	98
5	A New Lineage of Halophilic, Wall-Less, Contractile Bacteria from a Brine-Filled Deep of the Red Sea. <i>Journal of Bacteriology</i> , 2008, 190, 3580-3587.	1.0	84
6	INDIGO – Integrated Data Warehouse of Microbial Genomes with Examples from the Red Sea Extremophiles. <i>PLoS ONE</i> , 2013, 8, e82210.	1.1	83
7	Description of <i>Idiomarina insulisalsae</i> sp. nov., isolated from the soil of a sea salt evaporation pond, proposal to transfer the species of the genus <i>Pseudidiomarina</i> to the genus <i>Idiomarina</i> and emended description of the genus <i>Idiomarina</i> . <i>Systematic and Applied Microbiology</i> , 2009, 32, 371-378.	1.2	77
8	<i>Salinisphaera shabanensis</i> gen. nov., sp. nov., a novel, moderately halophilic bacterium from the brine-seawater interface of the Shaban Deep, Red Sea. <i>Extremophiles</i> , 2003, 7, 29-34.	0.9	72
9	Soil and Rhizosphere Associated Fungi in Gray Mangroves (<i>Avicennia marina</i>) from the Red Sea – A Metagenomic Approach. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 310-320.	3.0	67
10	<i>Marinobacter salsuginis</i> sp. nov., isolated from the brine-seawater interface of the Shaban Deep, Red Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1035-1040.	0.8	61
11	Comparative genomics reveals adaptations of a halotolerant thaumarchaeon in the interfaces of brine pools in the Red Sea. <i>ISME Journal</i> , 2015, 9, 396-411.	4.4	60
12	<i>Leuconostoc ficulneum</i> sp. nov., a novel lactic acid bacterium isolated from a ripe fig, and reclassification of <i>Lactobacillus fructosus</i> as <i>Leuconostoc fructosum</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 647-655.	0.8	57
13	Unique Prokaryotic Consortia in Geochemically Distinct Sediments from Red Sea Atlantis II and Discovery Deep Brine Pools. <i>PLoS ONE</i> , 2012, 7, e42872.	1.1	45
14	Diversity of methanogens and sulfate-reducing bacteria in the interfaces of five deep-sea anoxic brines of the Red Sea. <i>Research in Microbiology</i> , 2015, 166, 688-699.	1.0	43
15	<i>Halorhabdus tiamatea</i> : proteogenomics and glycosidase activity measurements identify the first cultivated euryarchaeon from a deep-sea anoxic brine lake as potential polysaccharide degrader. <i>Environmental Microbiology</i> , 2014, 16, 2525-2537.	1.8	41
16	First Insights into the Viral Communities of the Deep-sea Anoxic Brines of the Red Sea. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 304-309.	3.0	33
17	Cytotoxic and apoptotic evaluations of marine bacteria isolated from brine-seawater interface of the Red Sea. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 29.	3.7	30
18	Earth's Stratosphere and Microbial Life. <i>Current Issues in Molecular Biology</i> , 2020, 38, 197-244.	1.0	27

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19	Genome Sequence of <i>Haloplasma contractile</i> , an Unusual Contractile Bacterium from a Deep-Sea Anoxic Brine Lake. <i>Journal of Bacteriology</i> , 2011, 193, 4551-4552.	1.0	26
20	Visualizing the invisible: class excursions to ignite children's enthusiasm for microbes. <i>Microbial Biotechnology</i> , 2020, 13, 844-887.	2.0	26
21	Experimental and Simulation Efforts in the Astrobiological Exploration of Exooceans. <i>Space Science Reviews</i> , 2020, 216, 9.	3.7	25
22	Genome Sequence of <i>Halorhabdus tiamatea</i> , the First Archaeon Isolated from a Deep-Sea Anoxic Brine Lake. <i>Journal of Bacteriology</i> , 2011, 193, 4553-4554.	1.0	24
23	Biological Contamination Prevention for Outer Solar System Moons of Astrobiological Interest: What Do We Need to Know?. <i>Astrobiology</i> , 2019, 19, 951-974.	1.5	24
24	Genome Sequence of <i>Salinisphaera shabanensis</i> , a Gammaproteobacterium from the Harsh, Variable Environment of the Brine-Seawater Interface of the Shaban Deep in the Red Sea. <i>Journal of Bacteriology</i> , 2011, 193, 4555-4556.	1.0	21
25	Core Microbial Functional Activities in Ocean Environments Revealed by Global Metagenomic Profiling Analyses. <i>PLoS ONE</i> , 2014, 9, e97338.	1.1	20
26	Mars: new insights and unresolved questions. <i>International Journal of Astrobiology</i> , 2021, 20, 394-426.	0.9	19
27	Mycogenic Metal Nanoparticles for the Treatment of Mycobacterioses. <i>Antibiotics</i> , 2020, 9, 569.	1.5	18
28	Genome Sequence of <i>Pseudomonas</i> sp. Strain Chol1, a Model Organism for the Degradation of Bile Salts and Other Steroid Compounds. <i>Genome Announcements</i> , 2013, 1, .	0.8	17
29	In silico exploration of Red Sea <i>Bacillus</i> genomes for natural product biosynthetic gene clusters. <i>BMC Genomics</i> , 2018, 19, 382.	1.2	17
30	Biogenic Metal Nanoparticles: A New Approach to Detect Life on Mars?. <i>Life</i> , 2020, 10, 28.	1.1	17
31	Exploring Deep-Sea Brines as Potential Terrestrial Analogues of Oceans in the Icy Moons of the Outer Solar System. <i>Current Issues in Molecular Biology</i> , 2020, 38, 123-162.	1.0	16
32	Microbial Diversity and Biosignatures: An Icy Moons Perspective. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	14
33	Habitability Models for Astrobiology. <i>Astrobiology</i> , 2021, 21, 1017-1027.	1.5	13
34	DESM: portal for microbial knowledge exploration systems. <i>Nucleic Acids Research</i> , 2016, 44, D624-D633.	6.5	12
35	Microbial Pathogenicity in Space. <i>Pathogens</i> , 2021, 10, 450.	1.2	11
36	Bioprospecting Archaea: Focus on Extreme Halophiles. <i>Topics in Biodiversity and Conservation</i> , 2017, , 81-112.	0.3	10

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37	Progression in the bacterial load during the breeding season in nest boxes occupied by the Blue Tit and its potential impact on hatching or fledging success. <i>Journal of Ornithology</i> , 2018, 159, 1009-1017.	0.5	10
38	Systematics, functional morphology and distribution of a bivalve (<i>Apachecorbula muriatica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Biological Association of the United Kingdom</i> , 2015, 95, 523-535.	0.4	9
39	Zooplankton at deep Red Sea brine pools. <i>Journal of Plankton Research</i> , 2016, 38, 679-684.	0.8	8
40	Fueling the Bio-economy: European Culture Collections and Microbiology Education and Training. <i>Trends in Microbiology</i> , 2016, 24, 77-79.	3.5	8
41	Bacterial species richness at three stages of the breeding season in <i>Cyanistes caeruleus</i> (blue tit). <i>Acta Oecologica</i> , 2018, 92, 123-130.	0.5	6
42	<i>Motilimonas cestriensis</i> sp. nov., isolated from an inland brine spring in Northern England. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	6
43	Surviving Mars: new insights into the persistence of facultative anaerobic microbes from analogue sites. <i>International Journal of Astrobiology</i> , 2022, 21, 110-127.	0.9	6
44	Habitability Models for Planetary Sciences. , 2021, 53, .		3
45	Earth's Stratosphere and Microbial Life. , 2020, , .		3
46	Sulfur Cycling as a Viable Metabolism under Simulated Noachian/Hesperian Chemistries. <i>Life</i> , 2022, 12, 523.	1.1	3
47	The Family <i>Salinisphaeraceae</i> . , 2014, , 591-596.		2
48	The Family <i>Haloplasmataceae</i> . , 2014, , 179-184.		2
49	<i>Haloferax profundus</i> sp. nov. and <i>Haloferax marisrubri</i> sp. nov., Isolated from the Discovery Deep Brine-Seawater Interface in the Red Sea. <i>Microorganisms</i> , 2020, 8, 1475.	1.6	1
50	Geochemistry and Life at the Interfaces of Brine-Filled Deeps in the Red Sea. <i>Springer Oceanography</i> , 2019, , 185-194.	0.2	1
51	Exploring Deep-Sea Brines as Potential Terrestrial Analogues of Oceans in the Icy Moons of the Outer Solar System. , 2020, , .		1
52	Microbes from Brine Systems with Fluctuating Salinity Can Thrive under Simulated Martian Chemical Conditions. <i>Life</i> , 2022, 12, 12.	1.1	1
53	Offer, demand, and needs in training and education: a study focusing on microbial culture collections within the MIRRI Consortium. <i>New Biotechnology</i> , 2014, 31, S155.	2.4	0
54	Isolation of extremophilic bacteria from microbial mats and the applicability of their amylases for bioethanol production from food waste. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-12.	1.2	0

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55	Halophiles: the salt of the Earth. <i>Biochemist</i> , 2017, 39, 18-21.	0.2	0
56	Genomic trends on the biogenic CaCO ₃ production in the genus <i>Bacillus</i> . <i>Access Microbiology</i> , 2019, 1, .	0.2	0
57	Biom mineralization of microbes in natural and restored saltmarshes: a missing link in restoration efforts?. <i>Access Microbiology</i> , 2019, 1, .	0.2	0
58	Metabolic profiling and environmental characterisation of salterns in the islands of Cabo Verde. <i>Access Microbiology</i> , 2019, 1, .	0.2	0
59	<i>Motilimonas cestriensis</i> sp. nov., isolated from a Cheshire brine spring. <i>Access Microbiology</i> , 2019, 1, .	0.2	0
60	Out of This World: From the Bottom of the Red Sea to the Red Planet. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	0