

# 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	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
2	Sulfur Cycling as a Viable Metabolism under Simulated Noachian/Hesperian Chemistries. <i>Life</i> , 2022, 12, 523.	1.1	3
3	Microbes from Brine Systems with Fluctuating Salinity Can Thrive under Simulated Martian Chemical Conditions. <i>Life</i> , 2022, 12, 12.	1.1	1
4	Habitability Models for Planetary Sciences. , 2021, 53, .		3
5	Microbial Pathogenicity in Space. <i>Pathogens</i> , 2021, 10, 450.	1.2	11
6	Habitability Models for Astrobiology. <i>Astrobiology</i> , 2021, 21, 1017-1027.	1.5	13
7	Mars: new insights and unresolved questions. <i>International Journal of Astrobiology</i> , 2021, 20, 394-426.	0.9	19
8	<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
9	Mycogenic Metal Nanoparticles for the Treatment of Mycobacterioses. <i>Antibiotics</i> , 2020, 9, 569.	1.5	18
10	Visualizing the invisible: class excursions to ignite children's enthusiasm for microbes. <i>Microbial Biotechnology</i> , 2020, 13, 844-887.	2.0	26
11	Microbial Diversity and Biosignatures: An Icy Moons Perspective. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	14
12	Experimental and Simulation Efforts in the Astrobiological Exploration of Exooceans. <i>Space Science Reviews</i> , 2020, 216, 9.	3.7	25
13	Biogenic Metal Nanoparticles: A New Approach to Detect Life on Mars?. <i>Life</i> , 2020, 10, 28.	1.1	17
14	Exploring Deep-Sea Brines as Potential Terrestrial Analogues of Oceans in the Icy Moons of the Outer Solar System. , 2020, , .		1
15	Earth's Stratosphere and Microbial Life. , 2020, , .		3
16	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
17	Earth's Stratosphere and Microbial Life. <i>Current Issues in Molecular Biology</i> , 2020, 38, 197-244.	1.0	27
18	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

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19	Geochemistry and Life at the Interfaces of Brine-Filled Deeps in the Red Sea. Springer Oceanography, 2019, , 185-194.	0.2	1
20	Genomic trends on the biogenic CaCO <sub>3</sub> production in the genus Bacillus. Access Microbiology, 2019, 1, .	0.2	0
21	Biominalization of microbes in natural and restored saltmarshes: a missing link in restoration efforts?. Access Microbiology, 2019, 1, .	0.2	0
22	Metabolic profiling and environmental characterisation of salterns in the islands of Cabo Verde. Access Microbiology, 2019, 1, .	0.2	0
23	Motilimonas cestriensis sp. nov., isolated from a Cheshire brine spring. Access Microbiology, 2019, 1, .	0.2	0
24	Motilimonas cestriensis sp. nov., isolated from an inland brine spring in Northern England. International Journal of Systematic and Evolutionary Microbiology, 2019, 71, .	0.8	6
25	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. Journal of Ornithology, 2018, 159, 1009-1017.	0.5	10
26	Bacterial species richness at three stages of the breeding season in Cyanistes caeruleus (blue tit). Acta Oecologica, 2018, 92, 123-130.	0.5	6
27	In silico exploration of Red Sea Bacillus genomes for natural product biosynthetic gene clusters. BMC Genomics, 2018, 19, 382.	1.2	17
28	Bioprospecting Archaea: Focus on Extreme Halophiles. Topics in Biodiversity and Conservation, 2017, , 81-112.	0.3	10
29	Halophiles: the salt of the Earth. Biochemist, 2017, 39, 18-21.	0.2	0
30	DESM: portal for microbial knowledge exploration systems. Nucleic Acids Research, 2016, 44, D624-D633.	6.5	12
31	Rhizosphere microbiome metagenomics of gray mangroves (Avicennia marina) in the Red Sea. Gene, 2016, 576, 626-636.	1.0	116
32	Zooplankton at deep Red Sea brine pools. Journal of Plankton Research, 2016, 38, 679-684.	0.8	8
33	Fueling the Bio-economy: European Culture Collections and Microbiology Education and Training. Trends in Microbiology, 2016, 24, 77-79.	3.5	8
34	Systematics, functional morphology and distribution of a bivalve ( <i>Apachecorbula muriatica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Biological Association of the United Kingdom, 2015, 95, 523-535.	0.4	9
35	First Insights into the Viral Communities of the Deep-sea Anoxic Brines of the Red Sea. Genomics, Proteomics and Bioinformatics, 2015, 13, 304-309.	3.0	33
36	Soil and Rhizosphere Associated Fungi in Gray Mangroves (Avicennia marina) from the Red Sea – A Metagenomic Approach. Genomics, Proteomics and Bioinformatics, 2015, 13, 310-320.	3.0	67

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37	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
38	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
39	Core Microbial Functional Activities in Ocean Environments Revealed by Global Metagenomic Profiling Analyses. <i>PLoS ONE</i> , 2014, 9, e97338.	1.1	20
40	<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
41	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
42	The Family <i>Salinisphaeraceae</i> . , 2014, , 591-596.		2
43	The Family <i>Haloplasmataceae</i> . , 2014, , 179-184.		2
44	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
45	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
46	INDIGO – INTEGRATED DATA WAREHOUSE OF MICROBIAL GENOMES WITH EXAMPLES FROM THE RED SEA EXTREMOPHILES. <i>PLoS ONE</i> , 2013, 8, e82210.	1.1	83
47	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
48	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
49	Microbiology of the Red Sea (and other) deep-sea anoxic brine lakes. <i>Environmental Microbiology Reports</i> , 2011, 3, 416-433.	1.0	158
50	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
51	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
52	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
53	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
54	<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

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55	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
56	<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
57	<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
58	<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
59	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
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