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List of Publications by Year in descending order

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59
papers

10,461
citations

94433

37
h-index

128289

60
g-index

71
all docs

71
docs citations

71
times ranked

9834
citing authors

#	ARTICLE	IF	CITATIONS
1	The Uncultured Microbial Majority. <i>Annual Review of Microbiology</i> , 2003, 57, 369-394.	7.3	1,679
2	Genome Streamlining in a Cosmopolitan Oceanic Bacterium. <i>Science</i> , 2005, 309, 1242-1245.	12.6	1,034
3	SAR11 clade dominates ocean surface bacterioplankton communities. <i>Nature</i> , 2002, 420, 806-810.	27.8	1,005
4	Cultivation of the ubiquitous SAR11 marine bacterioplankton clade. <i>Nature</i> , 2002, 418, 630-633.	27.8	871
5	Cultivating the uncultured. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15681-15686.	7.1	721
6	Phytoplankton in the ocean use non-phosphorus lipids in response to phosphorus scarcity. <i>Nature</i> , 2009, 458, 69-72.	27.8	662
7	Nitrogen-fixing populations of Planctomycetes and Proteobacteria are abundant in surface ocean metagenomes. <i>Nature Microbiology</i> , 2018, 3, 804-813.	13.3	436
8	Expanded diversity of microbial groups that shape the dissimilatory sulfur cycle. <i>ISME Journal</i> , 2018, 12, 1715-1728.	9.8	347
9	Proteorhodopsin in the ubiquitous marine bacterium SAR11. <i>Nature</i> , 2005, 438, 82-85.	27.8	293
10	Streamlining and Core Genome Conservation among Highly Divergent Members of the SAR11 Clade. <i>MBio</i> , 2012, 3, .	4.1	269
11	Fluids from Aging Ocean Crust That Support Microbial Life. <i>Science</i> , 2003, 299, 120-123.	12.6	259
12	Mesoscale Eddies Drive Increased Silica Export in the Subtropical Pacific Ocean. <i>Science</i> , 2007, 316, 1017-1021.	12.6	249
13	Temporal and spatial response of bacterioplankton lineages to annual convective overturn at the Bermuda Atlantic Time-series Study site. <i>Limnology and Oceanography</i> , 2005, 50, 1687-1696.	3.1	240
14	Phylogenetic diversity of marine coastal picoplankton 16S rRNA genes cloned from the continental shelf off Cape Hatteras, North Carolina. <i>Limnology and Oceanography</i> , 1997, 42, 811-826.	3.1	205
15	The small genome of an abundant coastal ocean methylotroph. <i>Environmental Microbiology</i> , 2008, 10, 1771-1782.	3.8	197
16	The importance of designating type material for uncultured taxa. <i>Systematic and Applied Microbiology</i> , 2019, 42, 15-21.	2.8	149
17	The onset of microbial associations in the coral <i>Pocillopora meandrina</i> . <i>ISME Journal</i> , 2009, 3, 685-699.	9.8	142
18	Phylogenomic evidence for a common ancestor of mitochondria and the SAR11 clade. <i>Scientific Reports</i> , 2011, 1, 13.	3.3	133

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19	Single-amino acid variants reveal evolutionary processes that shape the biogeography of a global SAR11 subclade. <i>ELife</i> , 2019, 8, .	6.0	89
20	Microbial diversity within basement fluids of the sediment-buried Juan de Fuca Ridge flank. <i>ISME Journal</i> , 2013, 7, 161-172.	9.8	88
21	Dynamics of the SAR11 bacterioplankton lineage in relation to environmental conditions in the oligotrophic North Pacific subtropical gyre. <i>Environmental Microbiology</i> , 2009, 11, 2291-2300.	3.8	82
22	High intraspecific recombination rate in a native population of <i>Candidatus Pelagibacter ubique</i> (SAR11). <i>Environmental Microbiology</i> , 2007, 9, 2430-2440.	3.8	77
23	Divergent methyl-coenzyme M reductase genes in a deep-subseafloor <i>Archaeoglobi</i> . <i>ISME Journal</i> , 2019, 13, 1269-1279.	9.8	76
24	Metagenome sequencing and 98 microbial genomes from Juan de Fuca Ridge flank subsurface fluids. <i>Scientific Data</i> , 2017, 4, 170037.	5.3	71
25	Viruses in the Oceanic Basement. <i>MBio</i> , 2017, 8, .	4.1	63
26	Coastal Bacterioplankton Community Dynamics in Response to a Natural Disturbance. <i>PLoS ONE</i> , 2013, 8, e56207.	2.5	62
27	Specificity of Associations between Bacteria and the Coral <i>Pocillopora meandrina</i> during Early Development. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7467-7475.	3.1	59
28	Novel microbial assemblages inhabiting crustal fluids within mid-ocean ridge flank subsurface basalt. <i>ISME Journal</i> , 2016, 10, 2033-2047.	9.8	59
29	Genome sequence of strain HIMB624, a cultured representative from the OM43 clade of marine Betaproteobacteria. <i>Standards in Genomic Sciences</i> , 2012, 6, 11-20.	1.5	55
30	Humpback whales harbour a combination of specific and variable skin bacteria. <i>Environmental Microbiology Reports</i> , 2011, 3, 223-232.	2.4	54
31	Activity and phylogenetic diversity of sulfate-reducing microorganisms in low-temperature subsurface fluids within the upper oceanic crust. <i>Frontiers in Microbiology</i> , 2014, 5, 748.	3.5	53
32	Development of clade- (<i>Roseobacter</i> and <i>Alteromonas</i>) and taxon-specific oligonucleotide probes to study interactions between toxic dinoflagellates and their associated bacteria. <i>European Journal of Phycology</i> , 2000, 35, 315-329.	2.0	50
33	Genomic comparisons of a bacterial lineage that inhabits both marine and terrestrial deep subsurface systems. <i>PeerJ</i> , 2017, 5, e3134.	2.0	50
34	Needles in the blue sea: Subâ€species specificity in targeted protein biomarker analyses within the vast oceanic microbial metaproteome. <i>Proteomics</i> , 2015, 15, 3521-3531.	2.2	49
35	Metabolic strategies of marine subseafloor Chloroflexi inferred from genome reconstructions. <i>Environmental Microbiology</i> , 2020, 22, 3188-3204.	3.8	49
36	Insights into the Cultured Bacterial Fraction of Corals. <i>MSystems</i> , 2021, 6, e0124920.	3.8	45

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37	Dissolved hydrogen and methane in the oceanic basaltic biosphere. <i>Earth and Planetary Science Letters</i> , 2014, 405, 62-73.	4.4	43
38	Draft genome sequence of marine alphaproteobacterial strain HIMB11, the first cultivated representative of a unique lineage within the Roseobacter clade possessing an unusually small genome. <i>Standards in Genomic Sciences</i> , 2014, 9, 632-645.	1.5	40
39	Streamlined Method to Analyze 16S rRNA Gene Clone Libraries. <i>BioTechniques</i> , 2001, 30, 938-944.	1.8	38
40	Non-Random Assembly of Bacterioplankton Communities in the Subtropical North Pacific Ocean. <i>Frontiers in Microbiology</i> , 2011, 2, 140.	3.5	36
41	Phylogenetic diversity of microorganisms in subseafloor crustal fluids from Holes 1025C and 1026B along the Juan de Fuca Ridge flank. <i>Frontiers in Microbiology</i> , 2014, 5, 119.	3.5	31
42	Carboxydrotrophy potential of uncultivated Hydrothermarchaeota from the subseafloor crustal biosphere. <i>ISME Journal</i> , 2019, 13, 1457-1468.	9.8	31
43	Draft genome sequence of strain HIMB100, a cultured representative of the SAR116 clade of marine Alphaproteobacteria. <i>Standards in Genomic Sciences</i> , 2011, 5, 269-278.	1.5	27
44	Nanocalorimetric Characterization of Microbial Activity in Deep Subsurface Oceanic Crustal Fluids. <i>Frontiers in Microbiology</i> , 2016, 7, 454.	3.5	22
45	New Cultivation Strategies Bring More Microbial Plankton Species into the Laboratory. <i>Oceanography</i> , 2007, 20, 62-69.	1.0	21
46	Stabilizing the foundation of the house that omics builds: the evolving value of cultured isolates to marine microbiology. <i>Current Opinion in Microbiology</i> , 2013, 16, 618-624.	5.1	20
47	What's the meta™ with metagenomics?. <i>ISME Journal</i> , 2007, 1, 100-102.	9.8	15
48	Cryogenic Minerals in Hawaiian Lava Tubes: A Geochemical and Microbiological Exploration. <i>Geomicrobiology Journal</i> , 2018, 35, 227-241.	2.0	15
49	Dissolved organic carbon in basalt-hosted deep subseafloor fluids of the Juan de Fuca Ridge flank. <i>Earth and Planetary Science Letters</i> , 2019, 513, 156-165.	4.4	15
50	Genome Sequence of Strain HIMB30, a Novel Member of the Marine Gammaproteobacteria. <i>Journal of Bacteriology</i> , 2012, 194, 732-733.	2.2	11
51	Biogeography of planktonic and coral-associated microorganisms across the Hawaiian Archipelago. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw109.	2.7	10
52	Genome Sequence of Strain HIMB55, a Novel Marine Gammaproteobacterium of the OM60/NOR5 Clade. <i>Journal of Bacteriology</i> , 2012, 194, 2393-2394.	2.2	9
53	Heterotrophy of Oceanic Particulate Organic Matter Elevates Net Ecosystem Calcification. <i>Geophysical Research Letters</i> , 2019, 46, 9851-9860.	4.0	8
54	Elemental Composition, Phosphorous Uptake, and Characteristics of Growth of a SAR11 Strain in Batch and Continuous Culture. <i>MSystems</i> , 2019, 4, .	3.8	7

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55	Ecophysiology of the Cosmopolitan OM252 Bacterioplankton (<i>Gamma</i> proteobacteria). MSystems, 2021, 6, e0027621.	3.8	5
56	Isolation of SAR11 Marine Bacteria from Cryopreserved Seawater. MSystems, 2020, 5, .	3.8	4
57	Spatial and temporal dynamics of SAR11 marine bacteria across a nearshore to offshore transect in the tropical Pacific Ocean. PeerJ, 2021, 9, e12274.	2.0	4
58	Mantle degassing of primordial helium through submarine ridge flank basaltic basement. Earth and Planetary Science Letters, 2020, 546, 116386.	4.4	2
59	Sampling of basement fluids via Circulation Obviation Retrofit Kits (CORKs) for dissolved gases, fluid fixation at the seafloor, and the characterization of organic carbon. MethodsX, 2020, 7, 101033.	1.6	2