Eric D Becraft

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10928396/publications.pdf

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22 papers	3,096 citations	471509 17 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	4228 citing authors

#	Article	IF	Citations
1	A genomic catalog of Earthâ€™s microbiomes. Nature Biotechnology, 2021, 39, 499-509.	17.5	457
2	Evolutionary stasis of a deep subsurface microbial lineage. ISME Journal, 2021, 15, 2830-2842.	9.8	23
3	Synthase-Selective Exploration of a Tunicate Microbiome by Activity-Guided Single-Cell Genomics. ACS Chemical Biology, 2021, 16, 813-819.	3.4	4
4	Relationship between Microorganisms Inhabiting Alkaline Siliceous Hot Spring Mat Communities and Overflowing Water. Applied and Environmental Microbiology, 2020, 86, .	3.1	1
5	Ancestral Absence of Electron Transport Chains in Patescibacteria and DPANN. Frontiers in Microbiology, 2020, 11, 1848.	3.5	62
6	Biogeography of American Northwest Hot Spring A/Bâ€²-Lineage Synechococcus Populations. Frontiers in Microbiology, 2020, 11, 77.	3.5	24
7	Hiding in Plain Sight: The Globally Distributed Bacterial Candidate Phylum PAUC34f. Frontiers in Microbiology, 2020, 11, 376.	3.5	5
8	Microbial Community in Hyperalkaline Steel Slag-Fill Emulates Serpentinizing Springs. Diversity, 2019, 11, 103.	1.7	8
9	Hydrogen-based metabolism as an ancestral trait in lineages sibling to the Cyanobacteria. Nature Communications, 2019, 10, 463.	12.8	87
10	Four Draft Single-Cell Genome Sequences of Novel, Nearly Identical Kiritimatiellaeota Strains Isolated from the Continental Deep Subsurface. Microbiology Resource Announcements, 2019, 8, .	0.6	23
11	Improved genome recovery and integrated cell-size analyses of individual uncultured microbial cells and viral particles. Nature Communications, 2017, 8, 84.	12.8	169
12	Minimum information about a single amplified genome (MISAG) and a metagenome-assembled genome (MIMAG) of bacteria and archaea. Nature Biotechnology, 2017, 35, 725-731.	17.5	1,512
13	Genomic Comparison of Two Family-Level Groups of the Uncultivated NAG1 Archaeal Lineage from Chemically and Geographically Disparate Hot Springs. Frontiers in Microbiology, 2017, 8, 2082.	3.5	19
14	Rokubacteria: Genomic Giants among the Uncultured Bacterial Phyla. Frontiers in Microbiology, 2017, 8, 2264.	3.5	142
15	Single-Cell-Genomics-Facilitated Read Binning of Candidate Phylum EM19 Genomes from Geothermal Spring Metagenomes. Applied and Environmental Microbiology, 2016, 82, 992-1003.	3.1	36
16	The molecular dimension of microbial species: 1. Ecological distinctions among, and homogeneity within, putative ecotypes of Synechococcus inhabiting the cyanobacterial mat of Mushroom Spring, Yellowstone National Park. Frontiers in Microbiology, 2015, 6, 590.	3.5	49
17	The molecular dimension of microbial species: 3. Comparative genomics of Synechococcus strains with different light responses and in situ diel transcription patterns of associated putative ecotypes in the Mushroom Spring microbial mat. Frontiers in Microbiology, 2015, 6, 604.	3.5	67
18	The molecular dimension of microbial species: 2. Synechococcus strains representative of putative ecotypes inhabiting different depths in the Mushroom Spring microbial mat exhibit different adaptive and acclimative responses to light. Frontiers in Microbiology, 2015, 6, 626.	3.5	56

#	Article	IF	Citations
19	Diel metabolomics analysis of a hot spring chlorophototrophic microbial mat leads to new hypotheses of community member metabolisms. Frontiers in Microbiology, 2015, 6, 209.	3.5	104
20	Recombination Does Not Hinder Formation or Detection of Ecological Species of Synechococcus Inhabiting a Hot Spring Cyanobacterial Mat. Frontiers in Microbiology, 2015, 6, 1540.	3.5	16
21	Fine-Scale Distribution Patterns of Synechococcus Ecological Diversity in Microbial Mats of Mushroom Spring, Yellowstone National Park. Applied and Environmental Microbiology, 2011, 77, 7689-7697.	3.1	72
22	Regulation of nif gene expression and the energetics of N2 fixation over the diel cycle in a hot spring microbial mat. ISME Journal, 2008, 2, 364-378.	9.8	133