Cynthia B Silveira

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6957000/publications.pdf

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36 papers	2,198 citations	304743 22 h-index	361022 35 g-index
44 all docs	44 docs citations	44 times ranked	2756 citing authors

#	Article	IF	Citations
1	Lytic to temperate switching of viral communities. Nature, 2016, 531, 466-470.	27.8	440
2	Marine viruses discovered via metagenomics shed light on viral strategies throughout the oceans. Nature Communications, 2017, 8, 15955.	12.8	231
3	Global microbialization of coral reefs. Nature Microbiology, 2016, 1, 16042.	13.3	214
4	Piggyback-the-Winner in host-associated microbial communities. Npj Biofilms and Microbiomes, 2016, 2, 16010.	6.4	189
5	Extending the natural adaptive capacity of coral holobionts. Nature Reviews Earth & Environment, 2021, 2, 747-762.	29.7	110
6	Environmental Shaping of Sponge Associated Archaeal Communities. PLoS ONE, 2010, 5, e15774.	2.5	84
7	Physiologic and metagenomic attributes of the rhodoliths forming the largest CaCO3 bed in the South Atlantic Ocean. ISME Journal, 2014, 8, 52-62.	9.8	68
8	Microbial processes driving coral reef organic carbon flow. FEMS Microbiology Reviews, 2017, 41, 575-595.	8.6	67
9	Variability and host density independence in inductions-based estimates of environmental lysogeny. Nature Microbiology, 2017, 2, 17064.	13.3	57
10	Archaeal and bacterial communities of heavy metal contaminated acidic waters from zinc mine residues in Sepetiba Bay. Extremophiles, 2009, 13, 263-271.	2.3	54
11	Nasopharyngeal Microbial Communities of Patients Infected With SARS-CoV-2 That Developed COVID-19. Frontiers in Microbiology, 2021, 12, 637430.	3.5	53
12	Bacterial community composition shifts in the gut of Periplaneta americana fed on different lignocellulosic materials. SpringerPlus, 2013, 2, 609.	1.2	50
13	The landscape of lysogeny across microbial community density, diversity and energetics. Environmental Microbiology, 2021, 23, 4098-4111.	3.8	50
14	A multiomic analysis of in situ coralâ€“turf algal interactions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13588-13595.	7.1	48
15	Microbial and sponge loops modify fish production in phaseâ€shifting coral reefs. Environmental Microbiology, 2015, 17, 3832-3846.	3.8	43
16	Archaea, Bacteria, and Algal Plastids Associated with the Reef-Building Corals Siderastrea stellata and Mussismilia hispida from BÃºzios, South Atlantic Ocean, Brazil. Microbial Ecology, 2010, 59, 523-532.	2.8	40
17	Influence of Salinity on Bacterioplankton Communities from the Brazilian Rain Forest to the Coastal Atlantic Ocean. PLoS ONE, 2011, 6, e17789.	2.5	36
18	Prokaryotic diversity in one of the largest hypersaline coastal lagoons in the world. Extremophiles, 2008, 12, 595-604.	2.3	34

#	Article	IF	Citations
19	Antibiotic Resistance is Widespread in Urban Aquatic Environments of Rio de Janeiro, Brazil. Microbial Ecology, 2014, 68, 441-452.	2.8	33
20	Energetic differences between bacterioplankton trophic groups and coral reef resistance. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160467.	2.6	30
21	Bacterial Community Associated with the Reef Coral Mussismilia braziliensis's Momentum Boundary Layer over a Diel Cycle. Frontiers in Microbiology, 2017, 8, 784.	3.5	30
22	Quantification of Lysogeny Caused by Phage Coinfections in Microbial Communities from Biophysical Principles. MSystems, 2020, 5, .	3.8	28
23	Genomic and ecological attributes of marine bacteriophages encoding bacterial virulence genes. BMC Genomics, 2020, 21, 126.	2.8	26
24	Bacterial communities of the marine sponges Hymeniacidon heliophila and Polymastia janeirensis and their environment in Rio de Janeiro, Brazil. Marine Biology, 2008, 155, 135-146.	1.5	25
25	Microbial Community Compositional Shifts in Bleached Colonies of the Brazilian Reef-Building Coral Siderastrea stellata. Microbial Ecology, 2013, 65, 205-213.	2.8	22
26	Prophage Genomics and Ecology in the Family Rhodobacteraceae. Microorganisms, 2021, 9, 1115.	3.6	22
27	Biophysical and physiological processes causing oxygen loss from coral reefs. ELife, 2019, 8, .	6.0	19
28	Distribution of soil viruses across China and their potential role in phosphorous metabolism. Environmental Microbiomes, 2022, 17, 6.	5.0	17
29	Multi-Omics Study of Keystone Species in a Cystic Fibrosis Microbiome. International Journal of Molecular Sciences, 2021, 22, 12050.	4.1	14
30	Three-Dimensional Molecular Cartography of the Caribbean Reef-Building Coral Orbicella faveolata. Frontiers in Marine Science, 2021, 8, .	2.5	11
31	Tropical Aquatic Archaea Show Environment-Specific Community Composition. PLoS ONE, 2013, 8, e76321.	2.5	10
32	Release of dissolved and particulate organic matter by the soft coral Lobophytum and subsequent microbial degradation. Journal of Experimental Marine Biology and Ecology, 2018, 504, 53-60.	1.5	10
33	Space-filling and benthic competition on coral reefs. PeerJ, 2021, 9, e11213.	2.0	7
34	Benthic assemblages are more predictable than fish assemblages at an island scale. Coral Reefs, 2022, 41, 1031-1043.	2.2	3
35	Reply to: Caution in inferring viral strategies from abundance correlations in marine metagenomes. Nature Communications, 2019, 10, 502.	12.8	2
36	The Family Alcanivoraceae. , 2014, , 59-67.		0