Claudia Vannini

List of Publications by Year
in descending order

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36	1,525	331670	345221
papers	citations	21 h-index	36 g-index

37	37	37	1462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Passive Yet Successful Way of Planktonic Life: Genomic and Experimental Analysis of the Ecology of a Free-Living Polynucleobacter Population. PLoS ONE, 2012, 7, e32772.	2.5	113
2	Nitrite inhibition and intermediates effects on Anammox bacteria: A batch-scale experimental study. Process Biochemistry, 2010, 45, 573-580.	3.7	101
3	â€œCandidatus Midichloriaceaeâ€•fam. nov. (Rickettsiales), an Ecologically Widespread Clade of Intracellular Alphaproteobacteria. Applied and Environmental Microbiology, 2013, 79, 3241-3248.	3.1	99
4	Identification of the bacterial endosymbionts of the marine ciliate Euplotes magnicirratus (Ciliophora, Hypotrichia) and proposal of 'Candidatus Devosia euplotis'. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1151-1156.	1.7	83
5	Polynucleobacter necessarius , a model for genome reduction in both free-living and symbiotic bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18590-18595.	7.1	80
6	â€˜Candidatus Megaira polyxenophilaâ€™ gen. nov., sp. nov.: Considerations on Evolutionary History, Host Range and Shift of Early Divergent Rickettsiae. PLoS ONE, 2013, 8, e72581.	2.5	76
7	â€œCandidatusAnadelfobacter velesâ€•and â€œCandidatusCyrtobacter comes,â€•Two NewRickettsialesSpecies Hosted by the Protist CiliateEuplotes harpa(Ciliophora,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.1	72
8	Symbionts of the ciliate Euplotes : diversity, patterns and potential as models for bacteriaâ€“eukaryote endosymbioses. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190693.	2.6	73
9	Endosymbiosis in statu nascendi: close phylogenetic relationship between obligately endosymbiotic and obligately free-living Polynucleobacter strains (Betaproteobacteria). Environmental Microbiology, 2007, 9, 347-359.	3.8	66
10	A Bacterium Belonging to the Rickettsiaceae Family Inhabits the Cytoplasm of the Marine Ciliate Diophrys appendiculata (Ciliophora, Hypotrichia). Microbial Ecology, 2005, 49, 434-442.	2.8	65
11	Parallel genome reduction in symbionts descended from closely related free-living bacteria. Nature Ecology and Evolution, 2017, 1, 1160-1167.	7.8	62
12	Characterization of â€œCandidatus Nebulobacter yamunensisâ€•from the cytoplasm of Euplotes aediculatus (Ciliophora, Spirotrichea) and emended description of the family Francisellaceae. Systematic and Applied Microbiology, 2012, 35, 432-440.	2.8	55
13	Flagellar Movement in Two Bacteria of the Family Rickettsiaceae: A Re-Evaluation of Motility in an Evolutionary Perspective. PLoS ONE, 2014, 9, e87718.	2.5	54
14	Polynucleobacter Bacteria in the Brackish-Water Species Euplotes harpa (Ciliata Hypotrichia). Journal of Eukaryotic Microbiology, 2005, 52, 116-122.	1.7	51
15	Betaproteobacterial symbionts of the ciliate Euplotes: origin and tangled evolutionary path of an obligate microbial association. Environmental Microbiology, 2012, 14, 2553-2563.	3.8	51
16	â€œCandidatus Defluviella procrastinataâ€•and â€œCandidatus Cyrtobacter zanobiiâ€, Two Novel Ciliate Endosymbionts Belonging to the â€œMidichloria Cladeâ€• Microbial Ecology, 2013, 65, 302-310.	2.8	48
17	Sulphide oxidation to elemental sulphur in a membrane bioreactor: Performance and characterization of the selected microbial sulphur-oxidizing community. Systematic and Applied Microbiology, 2008, 31, 461-473.	2.8	44
18	Characterization and Comparison of Bacterial Communities Selected in Conventional Activated Sludge and Membrane Bioreactor Pilot Plants: A Focus on Nitrospira and Planctomycetes Bacterial Phyla. Current Microbiology, 2013, 67, 77-90.	2.2	43

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19	Biogeography and Character Evolution of the Ciliate Genus Euplotes (Spirotrichea, Euplotia), with Description of Euplotes curdsi sp. nov.. PLoS ONE, 2016, 11, e0165442.	2.5	38
20	Well-established mutualistic associations between ciliates and prokaryotes might be more widespread and diversified than so far supposed. European Journal of Protistology, 2003, 39, 481-485.	1.5	35
21	In Situ Identification by Fluorescently Labeled Oligonucleotide Probes of Morphologically Similar, Closely Related Ciliate Species. Microbial Ecology, 2003, 45, 156-162.	2.8	31
22	A new obligate bacterial symbiont colonizing the ciliate Euplotes in brackish and freshwater: â€˜Candidatus Protistobacter heckmanniâ€™. Aquatic Microbial Ecology, 2013, 70, 233-243.	1.8	24
23	Morphological, Ultrastructural, and Molecular Characterization of Euplotidium rosati n. sp. (Ciliophora, Euplotida) from Guam. Journal of Eukaryotic Microbiology, 2013, 60, 25-36.	1.7	21
24	Symbiont replacement between bacteria of different classes reveals additional layers of complexity in the evolution of symbiosis in the ciliate Euplotes. Protist, 2018, 169, 43-52.	1.5	21
25	High degree of specificity in the association between symbiotic betaproteobacteria and the host Euplotes (Ciliophora, Euplotia). European Journal of Protistology, 2017, 59, 124-132.	1.5	19
26	Use of bio-containers from seagrass wrack with nursery planting to improve the eco-sustainability of coastal habitat restoration. Journal of Environmental Management, 2019, 251, 109604.	7.8	17
27	Detecting Associations Between Ciliated Protists and Prokaryotes with Culture-Independent Single-Cell Microbiomics: a Proof-of-Concept Study. Microbial Ecology, 2019, 78, 232-242.	2.8	15
28	The â€œOtherâ€•Rickettsiales : an Overview of the Family â€œ Candidatus Midichloriaceaeâ€• Applied and Environmental Microbiology, 2022, 88, aem0243221.	3.1	14
29	Microbial communities of polyhydroxyalkanoate (PHA)-based biodegradable composites plastisphere and of surrounding environmental matrix: a comparison between marine (seabed) and coastal sediments (dune sand) over a long-time scale. Science of the Total Environment, 2021, 764, 142814.	8.0	10
30	Summer holidays as break-point in shaping a tannery sludge microbial community around a stable core microbiota. Scientific Reports, 2016, 6, 30376.	3.3	9
31	Single-cell Microbiomics Unveils Distribution and Patterns of Microbial Symbioses in the Natural Environment. Microbial Ecology, 2023, 85, 307-316.	2.8	9
32	Nitrifying biomass characterization and monitoring during bioaugmentation in a membrane bioreactor. Environmental Technology (United Kingdom), 2015, 36, 3159-3166.	2.2	8
33	The microbial community in a moving bed biotrickling filter operated to remove hydrogen sulfide from gas streams. Systematic and Applied Microbiology, 2018, 41, 399-407.	2.8	8
34	Biological Sulfur-Oxidizing Potential of Primary and Biological Sludge in a Tannery Wastewater Treatment Plant. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	6
35	A Multi Size-Level Assessment of Benthic Marine Communities in a Coastal Environment: Are They Different Sides of the Same Coin?. PLoS ONE, 2015, 10, e0129942.	2.5	2
36	Protistological science dissemination. European Journal of Protistology, 2020, 76, 125729.	1.5	1