

Claudia Vannini

List of Publications by Year in descending order

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36
papers

1,525
citations

331670

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37
docs citations

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times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell Microbiomics Unveils Distribution and Patterns of Microbial Symbioses in the Natural Environment. <i>Microbial Ecology</i> , 2023, 85, 307-316.	2.8	9
2	The "Other" Rickettsiales : an Overview of the Family "Candidatus" Midichloriaceae. <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0243221.	3.1	14
3	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. <i>Science of the Total Environment</i> , 2021, 764, 142814.	8.0	10
4	Protistological science dissemination. <i>European Journal of Protistology</i> , 2020, 76, 125729.	1.5	1
5	Symbionts of the ciliate <i>Euplotes</i> : diversity, patterns and potential as models for bacteria-eukaryote endosymbioses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190693.	2.6	73
6	Use of bio-containers from seagrass wrack with nursery planting to improve the eco-sustainability of coastal habitat restoration. <i>Journal of Environmental Management</i> , 2019, 251, 109604.	7.8	17
7	Detecting Associations Between Ciliated Protists and Prokaryotes with Culture-Independent Single-Cell Microbiomics: a Proof-of-Concept Study. <i>Microbial Ecology</i> , 2019, 78, 232-242.	2.8	15
8	Symbiont replacement between bacteria of different classes reveals additional layers of complexity in the evolution of symbiosis in the ciliate <i>Euplotes</i> . <i>Protist</i> , 2018, 169, 43-52.	1.5	21
9	The microbial community in a moving bed biotrickling filter operated to remove hydrogen sulfide from gas streams. <i>Systematic and Applied Microbiology</i> , 2018, 41, 399-407.	2.8	8
10	High degree of specificity in the association between symbiotic betaproteobacteria and the host <i>Euplotes</i> (Ciliophora, Euplotia). <i>European Journal of Protistology</i> , 2017, 59, 124-132.	1.5	19
11	Parallel genome reduction in symbionts descended from closely related free-living bacteria. <i>Nature Ecology and Evolution</i> , 2017, 1, 1160-1167.	7.8	62
12	Biogeography and Character Evolution of the Ciliate Genus <i>Euplotes</i> (Spirotrichea, Euplotia), with Description of <i>Euplotes curdsi</i> sp. nov.. <i>PLoS ONE</i> , 2016, 11, e0165442.	2.5	38
13	Summer holidays as break-point in shaping a tannery sludge microbial community around a stable core microbiota. <i>Scientific Reports</i> , 2016, 6, 30376.	3.3	9
14	Biological Sulfur-Oxidizing Potential of Primary and Biological Sludge in a Tannery Wastewater Treatment Plant. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	6
15	A Multi Size-Level Assessment of Benthic Marine Communities in a Coastal Environment: Are They Different Sides of the Same Coin?. <i>PLoS ONE</i> , 2015, 10, e0129942.	2.5	2
16	Nitrifying biomass characterization and monitoring during bioaugmentation in a membrane bioreactor. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 3159-3166.	2.2	8
17	Flagellar Movement in Two Bacteria of the Family Rickettsiaceae: A Re-Evaluation of Motility in an Evolutionary Perspective. <i>PLoS ONE</i> , 2014, 9, e87718.	2.5	54
18	"Candidatus <i>Defluviella procrastinata</i> " and "Candidatus <i>Cyrtobacter zanobii</i> ", Two Novel Ciliate Endosymbionts Belonging to the "Midichloria Clade". <i>Microbial Ecology</i> , 2013, 65, 302-310.	2.8	48

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19	Characterization and Comparison of Bacterial Communities Selected in Conventional Activated Sludge and Membrane Bioreactor Pilot Plants: A Focus on Nitrospira and Planctomycetes Bacterial Phyla. <i>Current Microbiology</i> , 2013, 67, 77-90.	2.2	43
20	<i>Polynucleobacter necessarius</i> , a model for genome reduction in both free-living and symbiotic bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18590-18595.	7.1	80
21	Morphological, Ultrastructural, and Molecular Characterization of <i>Euplotidium rosati</i> n. sp. (Ciliophora, Euplotida) from Guam. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 25-36.	1.7	21
22	“Candidatus Midichloriaceae” fam. nov. (Rickettsiales), an Ecologically Widespread Clade of Intracellular Alphaproteobacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3241-3248.	3.1	99
23	A new obligate bacterial symbiont colonizing the ciliate Euplotes in brackish and freshwater: “Candidatus Protistobacter heckmanni” TM . <i>Aquatic Microbial Ecology</i> , 2013, 70, 233-243.	1.8	24
24	“Candidatus Megaira polyxenophila” TM gen. nov., sp. nov.: Considerations on Evolutionary History, Host Range and Shift of Early Divergent Rickettsiae. <i>PLoS ONE</i> , 2013, 8, e72581.	2.5	76
25	Characterization of “Candidatus Nebulobacter yamunensis” from the cytoplasm of Euplotes aediculatus (Ciliophora, Spirotrichea) and emended description of the family Francisellaceae. <i>Systematic and Applied Microbiology</i> , 2012, 35, 432-440.	2.8	55
26	Betaproteobacterial symbionts of the ciliate <i>Euplotes</i> : origin and tangled evolutionary path of an obligate microbial association. <i>Environmental Microbiology</i> , 2012, 14, 2553-2563.	3.8	51
27	The Passive Yet Successful Way of Planktonic Life: Genomic and Experimental Analysis of the Ecology of a Free-Living Polynucleobacter Population. <i>PLoS ONE</i> , 2012, 7, e32772.	2.5	113
28	Nitrite inhibition and intermediates effects on Anammox bacteria: A batch-scale experimental study. <i>Process Biochemistry</i> , 2010, 45, 573-580.	3.7	101
29	“Candidatus Anadelfobacter veles” and “Candidatus Cyrtobacter comes”, Two New Rickettsiales Species Hosted by the Protist Ciliate <i>Euplotes harpa</i> (Ciliophora). <i>Trends in Microbiology</i> , 2011, 19, 107-111. https://doi.org/10.1016/j.tmic.2011.07.008	1.7	10
30	Sulphide oxidation to elemental sulphur in a membrane bioreactor: Performance and characterization of the selected microbial sulphur-oxidizing community. <i>Systematic and Applied Microbiology</i> , 2008, 31, 461-473.	2.8	44
31	Endosymbiosis in statu nascendi: close phylogenetic relationship between obligately endosymbiotic and obligately free-living Polynucleobacter strains (Betaproteobacteria). <i>Environmental Microbiology</i> , 2007, 9, 347-359.	3.8	66
32	Polynucleobacter Bacteria in the Brackish-Water Species Euplotes harpa (Ciliata Hypotrichia). <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 116-122.	1.7	51
33	A Bacterium Belonging to the Rickettsiaceae Family Inhabits the Cytoplasm of the Marine Ciliate Diophrys appendiculata (Ciliophora, Hypotrichia). <i>Microbial Ecology</i> , 2005, 49, 434-442.	2.8	65
34	Identification of the bacterial endosymbionts of the marine ciliate Euplotes magnicirrus (Ciliophora, Hypotrichia) and proposal of 'Candidatus Devosia euplotis'. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1151-1156.	1.7	83
35	In Situ Identification by Fluorescently Labeled Oligonucleotide Probes of Morphologically Similar, Closely Related Ciliate Species. <i>Microbial Ecology</i> , 2003, 45, 156-162.	2.8	31
36	Well-established mutualistic associations between ciliates and prokaryotes might be more widespread and diversified than so far supposed. <i>European Journal of Protistology</i> , 2003, 39, 481-485.	1.5	35