

Claudia Vannini

List of Publications by Year in descending order

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36
papers

1,525
citations

331259

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344852

36
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37
docs citations

37
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.	1.4	9
2	The “Other” <i>Rickettsiales</i> : an Overview of the Family “ <i>Candidatus</i> <i>Midichloriaceae</i> ”. <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0243221.	1.4	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.	3.9	10
4	Protistological science dissemination. <i>European Journal of Protistology</i> , 2020, 76, 125729.	0.5	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.	1.2	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.	3.8	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.	1.4	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.	0.6	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.	1.2	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.	0.5	19
11	Parallel genome reduction in symbionts descended from closely related free-living bacteria. <i>Nature Ecology and Evolution</i> , 2017, 1, 1160-1167.	3.4	62
12	Biogeography and Character Evolution of the Ciliate Genus <i>Euplotes</i> (Spirotrichea, Euplotia), with Description of <i>Euplotes curdsii</i> sp. nov.. <i>PLoS ONE</i> , 2016, 11, e0165442.	1.1	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.	1.6	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.	1.1	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.	1.1	2
16	Nitrifying biomass characterization and monitoring during bioaugmentation in a membrane bioreactor. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 3159-3166.	1.2	8
17	Flagellar Movement in Two Bacteria of the Family <i>Rickettsiaceae</i> : A Re-Evaluation of Motility in an Evolutionary Perspective. <i>PLoS ONE</i> , 2014, 9, e87718.	1.1	54
18	“ <i>Candidatus</i> <i>Defluviella procrastinata</i> ” and “ <i>Candidatus</i> <i>Cyrtobacter zanobii</i> ”, Two Novel Ciliate Endosymbionts Belonging to the “ <i>Midichloria</i> Clade”. <i>Microbial Ecology</i> , 2013, 65, 302-310.	1.4	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. Current Microbiology, 2013, 67, 77-90.	1.0	43
20	<i>Polynucleobacter necessarius</i> , 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.	3.3	80
21	Morphological, Ultrastructural, and Molecular Characterization of <i>Euplotidium rosati</i> n. sp. (Ciliophora, Euplotida) from Guam. Journal of Eukaryotic Microbiology, 2013, 60, 25-36.	0.8	21
22	“Candidatus Midichloriaceae” fam. nov. (Rickettsiales), an Ecologically Widespread Clade of Intracellular Alphaproteobacteria. Applied and Environmental Microbiology, 2013, 79, 3241-3248.	1.4	99
23	A new obligate bacterial symbiont colonizing the ciliate Euplotes in brackish and freshwater: “Candidatus Protistobacter heckmanni”™. Aquatic Microbial Ecology, 2013, 70, 233-243.	0.9	24
24	“Candidatus Megaira polyxenophila”™ gen. nov., sp. nov.: Considerations on Evolutionary History, Host Range and Shift of Early Divergent Rickettsiae. PLoS ONE, 2013, 8, e72581.	1.1	76
25	Characterization of “Candidatus Nebulobacter yamunensis” from the cytoplasm of Euplotes aediculatus (Ciliophora, Spirotrichea) and emended description of the family Francisellaceae. Systematic and Applied Microbiology, 2012, 35, 432-440.	1.2	55
26	Betaproteobacterial symbionts of the ciliate <i>Euplotes</i> : origin and tangled evolutionary path of an obligate microbial association. Environmental Microbiology, 2012, 14, 2553-2563.	1.8	51
27	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.	1.1	113
28	Nitrite inhibition and intermediates effects on Anammox bacteria: A batch-scale experimental study. Process Biochemistry, 2010, 45, 573-580.	1.8	101
29	“Candidatus Anadelfobacter veles” and “Candidatus Cyrtobacter comes,” Two New Rickettsiales Species Hosted by the Protist Ciliate <i>Euplotes harpa</i> (Ciliophora, Tj ETQq1 1 0.7843 14rgBT / Overlock 10		
30	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.	1.2	44
31	Endosymbiosis in statu nascendi: close phylogenetic relationship between obligately endosymbiotic and obligately free-living Polynucleobacter strains (Betaproteobacteria). Environmental Microbiology, 2007, 9, 347-359.	1.8	66
32	Polynucleobacter Bacteria in the Brackish-Water Species Euplotes harpa (Ciliata Hypotrichia). Journal of Eukaryotic Microbiology, 2005, 52, 116-122.	0.8	51
33	A Bacterium Belonging to the Rickettsiaceae Family Inhabits the Cytoplasm of the Marine Ciliate Diophrys appendiculata (Ciliophora, Hypotrichia). Microbial Ecology, 2005, 49, 434-442.	1.4	65
34	Identification of the bacterial endosymbionts of the marine ciliate Euplotes magnicirrus (Ciliophora, Hypotrichia) and proposal of 'Candidatus Devosia euplotis'. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1151-1156.	0.8	83
35	In Situ Identification by Fluorescently Labeled Oligonucleotide Probes of Morphologically Similar, Closely Related Ciliate Species. Microbial Ecology, 2003, 45, 156-162.	1.4	31
36	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.	0.5	35