

Claudia Vannini

List of Publications by Year in descending order

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36
papers

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citations

331259

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docs citations

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1462
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. | 1.1 | 113 |
| 2 | Nitrite inhibition and intermediates effects on Anammox bacteria: A batch-scale experimental study. Process Biochemistry, 2010, 45, 573-580. | 1.8 | 101 |
| 3 | â€œCandidatus Midichloriaceaeâ€ fam. nov. (Rickettsiales), an Ecologically Widespread Clade of Intracellular Alphaproteobacteria. Applied and Environmental Microbiology, 2013, 79, 3241-3248. | 1.4 | 99 |
| 4 | 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 |
| 5 | <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 |
| 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. | 1.1 | 76 |
| 7 | â€<i>Candidatus</i>Anadelfobacter velesâ€ and â€<i>Candidatus</i>Cyrtobacter comes,â€ Two New <i>Rickettsiales</i> Species Hosted by the Protist Ciliate <i>Euplotes harpa</i> (Ciliophora, Tj ETQq1 1 0.7843 14rgBT / Overlock 10 | 1.4 | 73 |
| 8 | Symbionts of the ciliate <i>Euplotes</i> : diversity, patterns and potential as models for bacteriaâ€ eukaryote endosymbioses. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190693. | 1.2 | 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. | 1.8 | 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. | 1.4 | 65 |
| 11 | Parallel genome reduction in symbionts descended from closely related free-living bacteria. Nature Ecology and Evolution, 2017, 1, 1160-1167. | 3.4 | 62 |
| 12 | Characterization of â€Candidatus 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. | 1.2 | 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. | 1.1 | 54 |
| 14 | Polynucleobacter Bacteria in the Brackish-Water Species Euplotes harpa (Ciliata Hypotrichia). Journal of Eukaryotic Microbiology, 2005, 52, 116-122. | 0.8 | 51 |
| 15 | 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 |
| 16 | â€Candidatus Defluviella procrastinataâ€ and â€Candidatus Cyrtobacter zanobiiâ€, Two Novel Ciliate Endosymbionts Belonging to the â€Midichloria Cladeâ€. Microbial Ecology, 2013, 65, 302-310. | 1.4 | 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. | 1.2 | 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. | 1.0 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Biogeography and Character Evolution of the Ciliate Genus Euplotes (Spirotrichea, Euplotia), with Description of Euplotes curdsi sp. nov.. PLoS ONE, 2016, 11, e0165442. | 1.1 | 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. | 0.5 | 35 |
| 21 | In Situ Identification by Fluorescently Labeled Oligonucleotide Probes of Morphologically Similar, Closely Related Ciliate Species. Microbial Ecology, 2003, 45, 156-162. | 1.4 | 31 |
| 22 | A new obligate bacterial symbiont colonizing the ciliate Euplotes in brackish and freshwater: <i>Candidatus Protistobacter heckmannii</i> TM . Aquatic Microbial Ecology, 2013, 70, 233-243. | 0.9 | 24 |
| 23 | 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 |
| 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. | 0.6 | 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. | 0.5 | 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. | 3.8 | 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. | 1.4 | 15 |
| 28 | The <i>Candidatus</i> <i>Rickettsiales</i> : an Overview of the Family <i>Candidatus</i> <i>Midichloriaceae</i> . Applied and Environmental Microbiology, 2022, 88, aem0243221. | 1.4 | 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. | 3.9 | 10 |
| 30 | Summer holidays as break-point in shaping a tannery sludge microbial community around a stable core microbiota. Scientific Reports, 2016, 6, 30376. | 1.6 | 9 |
| 31 | Single-cell Microbiomics Unveils Distribution and Patterns of Microbial Symbioses in the Natural Environment. Microbial Ecology, 2023, 85, 307-316. | 1.4 | 9 |
| 32 | Nitrifying biomass characterization and monitoring during bioaugmentation in a membrane bioreactor. Environmental Technology (United Kingdom), 2015, 36, 3159-3166. | 1.2 | 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. | 1.2 | 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. | 1.1 | 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. | 1.1 | 2 |
| 36 | Protistological science dissemination. European Journal of Protistology, 2020, 76, 125729. | 0.5 | 1 |