

# Christian Jeanthon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5907949/publications.pdf>

Version: 2024-02-01

60  
papers

3,431  
citations

147801

31  
h-index

155660

55  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assemblages of anoxygenic phototrophic bacteria in tank bromeliads exhibit a host-specific signature. <i>Journal of Ecology</i> , 2021, 109, 2550-2565.	4.0	5
2	The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. <i>Earth System Science Data</i> , 2021, 13, 1561-1592.	9.9	11
3	Cryptic species in the parasitic <i>Amoebophrya</i> species complex revealed by a polyphasic approach. <i>Scientific Reports</i> , 2020, 10, 2531.	3.3	28
4	Complete Genome Sequence of the <i>Silicimonas algicola</i> Type Strain, a Representative of the Marine Roseobacter Group Isolated from the Cell Surface of the Marine Diatom <i>Thalassiosira delicatula</i> . <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
5	First report of vampyrellid predator-prey dynamics in a marine system. <i>ISME Journal</i> , 2019, 13, 1110-1113.	9.8	6
6	Biogeographic patterns of aerobic anoxygenic phototrophic bacteria reveal an ecological consistency of phylogenetic clades in different oceanic biomes. <i>Scientific Reports</i> , 2018, 8, 4105.	3.3	19
7	Bacterial Epibiotic Communities of Ubiquitous and Abundant Marine Diatoms Are Distinct in Short- and Long-Term Associations. <i>Frontiers in Microbiology</i> , 2018, 9, 2879.	3.5	33
8	A Nanoscale Study of Carbon and Nitrogen Fluxes in Mats of Purple Sulfur Bacteria: Implications for Carbon Cycling at the Surface of Coastal Sediments. <i>Frontiers in Microbiology</i> , 2017, 8, 1995.	3.5	5
9	Exploring the Cultivable <i>Ectocarpus</i> Microbiome. <i>Frontiers in Microbiology</i> , 2017, 8, 2456.	3.5	48
10	Summer Abundance and Distribution of Proteorhodopsin Genes in the Western Arctic Ocean. <i>Frontiers in Microbiology</i> , 2016, 7, 1584.	3.5	10
11	Unexpectedly high bacteriochlorophyll <i>a</i> concentrations in neotropical tank bromeliads. <i>Environmental Microbiology Reports</i> , 2016, 8, 689-698.	2.4	10
12	Paradoxical effects of temperature and solar irradiance on the photodegradation state of killed phytoplankton. <i>Journal of Phycology</i> , 2016, 52, 475-485.	2.3	13
13	Geographic Impact on Genomic Divergence as Revealed by Comparison of Nine Citromicrobial Genomes. <i>Applied and Environmental Microbiology</i> , 2016, 82, 7205-7216.	3.1	9
14	Evidence for parasite-mediated selection during short-lasting toxic algal blooms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161870.	2.6	38
15	Photosymbiosis in Marine Pelagic Environments. , 2016, , 305-332.		13
16	<i>Silicimonas algicola</i> gen. nov., sp. nov., a member of the Roseobacter clade isolated from the cell surface of the marine diatom <i>Thalassiosira delicatula</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4580-4588.	1.7	13
17	MicRhoDE: a curated database for the analysis of microbial rhodopsin diversity and evolution. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav080.	3.0	43
18	The hydrological context determines the beta-diversity of aerobic anoxygenic phototrophic bacteria in European Arctic seas but does not favor endemism. <i>Frontiers in Microbiology</i> , 2015, 6, 638.	3.5	6

#	ARTICLE	IF	CITATIONS
19	The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27.	6.4	185
20	Seasonal variations of the composition of microbial biofilms in sandy tidal flats: Focus of fatty acids, pigments and exopolymers. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 153, 29-37.	2.1	37
21	The founding charter of the Genomic Observatories Network. <i>GigaScience</i> , 2014, 3, 2.	6.4	51
22	<i>Dinomyces arenysensis</i> gen. et sp. nov. (Rhizophydiales, Dinomycetaceae fam. nov.), a Chytrid Infecting Marine Dinoflagellates. <i>Protist</i> , 2014, 165, 230-244.	1.5	102
23	<i>Parvilucifera rostrata</i> sp. nov. (Perkinsozoa), a Novel Parasitoid that Infects Planktonic Dinoflagellates. <i>Protist</i> , 2014, 165, 31-49.	1.5	69
24	Summer community structure of aerobic anoxygenic phototrophic bacteria in the western Arctic Ocean. <i>FEMS Microbiology Ecology</i> , 2013, 85, 417-432.	2.7	41
25	Proliferation of Purple Sulphur Bacteria at the Sediment Surface Affects Intertidal Mat Diversity and Functionality. <i>PLoS ONE</i> , 2013, 8, e82329.	2.5	11
26	Importance of bacterivory and preferential selection toward diatoms in larvae of <i>Crepidula fornicata</i> (L.) assessed by a dual stable isotope ( <sup>13</sup> C, <sup>15</sup> N) labeling approach. <i>Journal of Sea Research</i> , 2012, 70, 23-31.	1.6	8
27	Tools providing new insight into coastal anoxygenic purple bacterial mats: review and perspectives. <i>Research in Microbiology</i> , 2011, 162, 858-868.	2.1	31
28	Activity and Distribution of Thermophilic Prokaryotes in Hydrothermal Fluid, Sulfidic Structures, and Sheaths of Alvinellids (East Pacific Rise, 13°N). <i>Applied and Environmental Microbiology</i> , 2011, 77, 2803-2806.	3.1	12
29	Summer distribution and diversity of aerobic anoxygenic phototrophic bacteria in the Mediterranean Sea in relation to environmental variables. <i>FEMS Microbiology Ecology</i> , 2010, 74, 397-409.	2.7	39
30	<i>Methanococcales</i> . , 2006, , 257-273.		19
31	Uncultured Archaea in a hydrothermal microbial assemblage: phylogenetic diversity and characterization of a genome fragment from a euryarchaeote. <i>FEMS Microbiology Ecology</i> , 2006, 57, 452-469.	2.7	18
32	Novel uncultured Epsilonproteobacteria dominate a filamentous sulphur mat from the 13°N hydrothermal vent field, East Pacific Rise. <i>FEMS Microbiology Ecology</i> , 2006, 58, 449-463.	2.7	49
33	Thermophilic Lifestyle for an Uncultured Archaeon from Hydrothermal Vents: Evidence from Environmental Genomics. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2268-2271.	3.1	10
34	Characterization of long-chain fatty-acid-degrading syntrophic associations from a biodegraded oil reservoir. <i>Research in Microbiology</i> , 2005, 156, 814-821.	2.1	59
35	Diversity of functional genes of methanogens, methanotrophs and sulfate reducers in deep-sea hydrothermal environments. <i>Environmental Microbiology</i> , 2005, 7, 118-132.	3.8	95
36	Diversity of Bacteria and Archaea associated with a carbonate-rich metalliferous sediment sample from the Rainbow vent field on the Mid-Atlantic Ridge. <i>Environmental Microbiology</i> , 2005, 7, 698-714.	3.8	100

#	ARTICLE	IF	CITATIONS
37	Microbial diversity in production waters of a low-temperature biodegraded oil reservoir. <i>FEMS Microbiology Ecology</i> , 2005, 54, 427-443.	2.7	250
38	Cultivated anaerobic acidophilic/acidotolerant thermophiles from terrestrial and deep-sea hydrothermal habitats. <i>Extremophiles</i> , 2005, 9, 437-448.	2.3	46
39	<i>Petrimonas sulfuriphila</i> gen. nov., sp. nov., a mesophilic fermentative bacterium isolated from a biodegraded oil reservoir. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1113-1121.	1.7	289
40	The first evidence of anaerobic CO oxidation coupled with H <sub>2</sub> production by a hyperthermophilic archaeon isolated from a deep-sea hydrothermal vent. <i>Extremophiles</i> , 2004, 8, 317-323.	2.3	118
41	Design of 16S rRNA-targeted oligonucleotide probes for detecting cultured and uncultured archaeal lineages in high-temperature environments. <i>Environmental Microbiology</i> , 2004, 6, 170-182.	3.8	20
42	Isolation from oil reservoirs of novel thermophilic anaerobes phylogenetically related to <i>Thermoanaerobacter subterraneus</i> : reassignment of <i>T. subterraneus</i> , <i>Thermoanaerobacter yonseiensis</i> , <i>Thermoanaerobacter tengcongensis</i> and <i>Carboxydibrachium pacificum</i> to <i>Caldanaerobacter subterraneus</i> gen. nov., sp. nov., comb. nov. as four novel subspecies. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 467-474.	1.7	142
43	Archaeal diversity associated with in situ samplers deployed on hydrothermal vents on the East Pacific Rise (13°N). <i>Environmental Microbiology</i> , 2003, 5, 492-502.	3.8	106
44	Radioisotopic, Culture-Based, and Oligonucleotide Microchip Analyses of Thermophilic Microbial Communities in a Continental High-Temperature Petroleum Reservoir. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6143-6151.	3.1	160
45	The manganese and iron superoxide dismutases protect <i>Escherichia coli</i> from heavy metal toxicity. <i>Research in Microbiology</i> , 2001, 152, 901-905.	2.1	93
46	Isolation and characterization of <i>Thermococcus sibiricus</i> sp. nov. from a Western Siberia high-temperature oil reservoir. <i>Extremophiles</i> , 2001, 5, 85-91.	2.3	91
47	Evidence for the presence of thermophilic Fe(III)-reducing microorganisms in deep-sea hydrothermal vents at 13°N (East Pacific Rise). <i>FEMS Microbiology Ecology</i> , 2001, 36, 235-243.	2.7	61
48	Growth and Phylogenetic Properties of Novel Bacteria Belonging to the Epsilon Subdivision of the Proteobacteria Enriched from <i>Alvinella pompejana</i> and Deep-Sea Hydrothermal Vents. <i>Applied and Environmental Microbiology</i> , 2001, 67, 4566-4572.	3.1	137
49	Deep-Sea Thermophilic Prokaryotes. , 2001, , 11-22.		4
50	Molecular ecology of hydrothermal vent microbial communities. , 2000, 77, 117-133.		106
51	Susceptibility to Heavy Metals and Cadmium Accumulation in Aerobic and Anaerobic Thermophilic Microorganisms Isolated from Deep-Sea Hydrothermal Vents. <i>Current Microbiology</i> , 2000, 41, 201-205.	2.2	33
52	Rapid identification of hyperthermophilic methanococci isolated from deep-sea hydrothermal vents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 591-594.	1.7	37
53	Dissimilatory Reduction of Fe(III) by Thermophilic Bacteria and Archaea in Deep Subsurface Petroleum Reservoirs of Western Siberia. <i>Current Microbiology</i> , 1999, 39, 99-102.	2.2	137
54	Numerical taxonomic study of thermophilic <i>Bacillus</i> isolated from three geographically separated deep-sea hydrothermal vents. <i>FEMS Microbiology Ecology</i> , 1996, 21, 255-266.	2.7	47

#	ARTICLE	IF	CITATIONS
55	Numerical taxonomic study of thermophilic Bacillus isolated from three geographically separated deep-sea hydrothermal vents. FEMS Microbiology Ecology, 1996, 21, 255-266.	2.7	3
56	Thermotoga subterranea sp. nov., a new thermophilic bacterium isolated from a continental oil reservoir. Archives of Microbiology, 1995, 164, 91-97.	2.2	106
57	Hyperthermophilic life at deep-sea hydrothermal vents. Planetary and Space Science, 1995, 43, 115-122.	1.7	109
58	Resistance to heavy metals of heterotrophic bacteria isolated from the deep-sea hydrothermal vent polychaete, Alvinella pompejana. Progress in Oceanography, 1990, 24, 81-88.	3.2	13
59	Susceptibility to Heavy Metals and Characterization of Heterotrophic Bacteria Isolated from Two Hydrothermal Vent Polychaete Annelids, Alvinella pompejana and Alvinella caudata. Applied and Environmental Microbiology, 1990, 56, 3308-3314.	3.1	60
60	Hyperthermophilic and Methanogenic Archaea in Oil Fields. , 0, , 55-69.		14