HervÃ© Moreau

List of Publications by Year
in descending order

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43	5,025	172457	254184
papers	citations	29 h-index	43 g-index

46	46	46	4907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mantoniella beaufortii and Mantoniella baffinensis sp. nov. (Mamiellales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 7 Phycology, 2020, 56, 37-51.	2.3	14
2	Virus-host coexistence in phytoplankton through the genomic lens. Science Advances, 2020, 6, eaay2587.	10.3	30
3	Simplified Transformation of Ostreococcus tauri Using Polyethylene Glycol. Genes, 2019, 10, 399.	2.4	14
4	Prasinovirus Attack of Ostreococcus Is Furtive by Day but Savage by Night. Journal of Virology, 2018, 92, .	3.4	42
5	Rapidity of Genomic Adaptations to Prasinovirus Infection in a Marine Microalga. Viruses, 2018, 10, 441.	3.3	10
6	Genome Analyses of the Microalga Picochlorum Provide Insights into the Evolution of Thermotolerance in the Green Lineage. Genome Biology and Evolution, 2018, 10, 2347-2365.	2.5	36
7	Host-derived viral transporter protein for nitrogen uptake in infected marine phytoplankton. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7489-E7498.	7.1	74
8	Population genomics of picophytoplankton unveils novel chromosome hypervariability. Science Advances, 2017, 3, e1700239.	10.3	73
9	A Viral Immunity Chromosome in the Marine Picoeukaryote, Ostreococcus tauri. PLoS Pathogens, 2016, 12, e1005965.	4.7	38
10	Diversity of Viruses Infecting the Green Microalga Ostreococcus lucimarinus. Journal of Virology, 2015, 89, 5812-5821.	3.4	35
11	Prasinovirus distribution in the Northwest Mediterranean Sea is affected by the environment and particularly by phosphate availability. Virology, 2014, 466-467, 146-157.	2.4	17
12	An improved genome of the model marine alga Ostreococcus tauri unfolds by assessing Illumina de novo assemblies. BMC Genomics, 2014, 15, 1103.	2.8	90
13	Morphology, Genome Plasticity, and Phylogeny in the Genus Ostreococcus Reveal a Cryptic Species, O. mediterraneus sp. nov. (Mamiellales, Mamiellophyceae). Protist, 2013, 164, 643-659.	1.5	48
14	Evolution of Codon Usage in the Smallest Photosynthetic Eukaryotes and Their Giant Viruses. Genome Biology and Evolution, 2013, 5, 848-859.	2.5	24
15	picoâ€<scp>PLAZA</scp>, a genome database of microbial photosynthetic eukaryotes. Environmental Microbiology, 2013, 15, 2147-2153.	3.8	87
16	Exploring nucleo-cytoplasmic large DNA viruses in Tara Oceans microbial metagenomes. ISME Journal, 2013, 7, 1678-1695.	9.8	185
17	Strategies and mechanisms of resistance to viruses in photosynthetic aquatic microorganisms. Advances in Oceanography and Limnology, 2012, 3, 1-15.	0.6	5
18	Gene functionalities and genome structure in Bathycoccus prasinos reflect cellular specializations at the base of the green lineage. Genome Biology, 2012, 13, R74.	9.6	143

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19	Genomics of Algal Hostâ€“Virus Interactions. Advances in Botanical Research, 2012, , 343-381.	1.1	15
20	Phylogeny and Molecular Evolution of the Green Algae. Critical Reviews in Plant Sciences, 2012, 31, 1-46.	5.7	723
21	Genome diversity in the smallest marine photosynthetic eukaryotes. Research in Microbiology, 2011, 162, 570-577.	2.1	33
22	Acquisition and maintenance of resistance to viruses in eukaryotic phytoplankton populations. Environmental Microbiology, 2011, 13, 1412-1420.	3.8	70
23	How and Why DNA Barcodes Underestimate the Diversity of Microbial Eukaryotes. PLoS ONE, 2011, 6, e16342.	2.5	62
24	Marine Prasinovirus Genomes Show Low Evolutionary Divergence and Acquisition of Protein Metabolism Genes by Horizontal Gene Transfer. Journal of Virology, 2010, 84, 12555-12563.	3.4	87
25	Abundance, spatial distribution and genetic diversity of Ostreococcus tauri viruses in two different environments. Environmental Microbiology Reports, 2010, 2, 313-321.	2.4	32
26	Cryptic Sex in the Smallest Eukaryotic Marine Green Alga. Molecular Biology and Evolution, 2010, 27, 47-54.	8.9	81
27	Unravelling cis-Regulatory Elements in the Genome of the Smallest Photosynthetic Eukaryote: Phylogenetic Footprinting in Ostreococcus. Journal of Molecular Evolution, 2009, 69, 249-259.	1.8	10
28	Green Evolution and Dynamic Adaptations Revealed by Genomes of the Marine Picoeukaryotes Micromonas. Science, 2009, 324, 268-272.	12.6	591
29	Phylogenetic analysis of new Prasinoviruses (Phycodnaviridae) that infect the green unicellular algae Ostreococcus, Bathycoccus and Micromonas. Environmental Microbiology Reports, 2009, 1, 114-123.	2.4	35
30	Picoeukaryotic sequences in the Sargasso Sea metagenome. Genome Biology, 2008, 9, R5.	9.6	34
31	Clues about the Genetic Basis of Adaptation Emerge from Comparing the Proteomes of Two Ostreococcus Ecotypes (Chlorophyta, Prasinophyceae). Molecular Biology and Evolution, 2008, 25, 2293-2300.	8.9	39
32	An original adaptation of photosynthesis in the marine green alga Ostreococcus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7881-7886.	7.1	154
33	Life-Cycle and Genome of OtV5, a Large DNA Virus of the Pelagic Marine Unicellular Green Alga Ostreococcus tauri. PLoS ONE, 2008, 3, e2250.	2.5	107
34	The tiny eukaryote Ostreococcus provides genomic insights into the paradox of plankton speciation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7705-7710.	7.1	563
35	The Complete Chloroplast and Mitochondrial DNA Sequence of Ostreococcus tauri: Organelle Genomes of the Smallest Eukaryote Are Examples of Compaction. Molecular Biology and Evolution, 2007, 24, 956-968.	8.9	106
36	Screening the Sargasso Sea metagenome for data to investigate genome evolution in Ostreococcus (Prasinophyceae, Chlorophyta). Gene, 2007, 406, 184-190.	2.2	28

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37	Genome analysis of the smallest free-living eukaryote Ostreococcus tauri unveils many unique features. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11647-11652.	7.1	809
38	Natural Synchronisation for the Study of Cell Division in the Green Unicellular Alga Ostreococcus tauri. Plant Molecular Biology, 2006, 60, 277-292.	3.9	36
39	Ecotype diversity in the marine picoeukaryote Ostreococcus (Chlorophyta, Prasinophyceae). Environmental Microbiology, 2005, 7, 853-859.	3.8	185
40	Genome-Wide Analysis of Core Cell Cycle Genes in the Unicellular Green Alga Ostreococcus tauri. Molecular Biology and Evolution, 2005, 22, 589-597.	8.9	64
41	New Insights into the Nature and Phylogeny of Prasinophyte Antenna Proteins: Ostreococcus tauri, a Case Study. Molecular Biology and Evolution, 2005, 22, 2217-2230.	8.9	69
42	Starch Division and Partitioning. A Mechanism for Granule Propagation and Maintenance in the Picophytoplanktonic Green Alga Ostreococcus tauri. Plant Physiology, 2004, 136, 3333-3340.	4.8	80
43	DNA LIBRARIES FOR SEQUENCING THE GENOME OFOSTREOCOCCUS TAURI(CHLOROPHYTA,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 1150-1156.	2.3	42