

Johan Decelle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4475584/publications.pdf>

Version: 2024-02-01

42
papers

7,096
citations

159585

30
h-index

315739

38
g-index

48
all docs

48
docs citations

48
times ranked

7134
citing authors

#	ARTICLE	IF	CITATIONS
1	Eukaryotic plankton diversity in the sunlit ocean. <i>Science</i> , 2015, 348, 1261605.	12.6	1,551
2	The Protist Ribosomal Reference database (PR2): a catalog of unicellular eukaryote Small Sub-Unit rRNA sequences with curated taxonomy. <i>Nucleic Acids Research</i> , 2012, 41, D597-D604.	14.5	1,463
3	Determinants of community structure in the global plankton interactome. <i>Science</i> , 2015, 348, 1262073.	12.6	842
4	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. <i>PLoS Biology</i> , 2012, 10, e1001419.	5.6	488
5	Patterns of Rare and Abundant Marine Microbial Eukaryotes. <i>Current Biology</i> , 2014, 24, 813-821.	3.9	450
6	Marine protist diversity in European coastal waters and sediments as revealed by high-throughput sequencing. <i>Environmental Microbiology</i> , 2015, 17, 4035-4049.	3.8	384
7	PhytoREF: a reference database of the plastidial 16S rRNA gene of photosynthetic eukaryotes with curated taxonomy. <i>Molecular Ecology Resources</i> , 2015, 15, 1435-1445.	4.8	198
8	Co-occurrence Analysis of Microbial Taxa in the Atlantic Ocean Reveals High Connectivity in the Free-Living Bacterioplankton. <i>Frontiers in Microbiology</i> , 2016, 7, 649.	3.5	152
9	An original mode of symbiosis in open ocean plankton. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18000-18005.	7.1	126
10	Ancient DNA complements microfossil record in deep-sea subsurface sediments. <i>Biology Letters</i> , 2013, 9, 20130283.	2.3	102
11	Benthic protists: the under-charted majority. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw120.	2.7	94
12	<i>Biantodinium</i> gen. nov. and <i>B.Ânutricula</i> comb. nov. (<i>Dinophyceae</i>), a dinoflagellate commonly found in symbiosis with polycystine radiolarians. <i>Journal of Phycology</i> , 2014, 50, 388-399.	2.3	80
13	Photosymbiosis in Marine Planktonic Protists. , 2015, , 465-500.		73
14	Diversity and oceanic distribution of prasinophytes clade VII, the dominant group of green algae in oceanic waters. <i>ISME Journal</i> , 2017, 11, 512-528.	9.8	70
15	Intracellular Diversity of the V4 and V9 Regions of the 18S rRNA in Marine Protists (Radiolarians) Assessed by High-Throughput Sequencing. <i>PLoS ONE</i> , 2014, 9, e104297.	2.5	69
16	Diversity, Ecology and Biogeochemistry of Cyst-Forming Acantharia (Radiolaria) in the Oceans. <i>PLoS ONE</i> , 2013, 8, e53598.	2.5	66
17	Deep relationships of Rhizaria revealed by phylogenomics: A farewell to Haeckel's Radiolaria. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 53-59.	2.7	65
18	Molecular Phylogeny and Morphological Evolution of the Acantharia (Radiolaria). <i>Protist</i> , 2012, 163, 435-450.	1.5	62

#	ARTICLE	IF	CITATIONS
19	Subcellular Chemical Imaging: New Avenues in Cell Biology. Trends in Cell Biology, 2020, 30, 173-188.	7.9	59
20	Worldwide Occurrence and Activity of the Reef-Building Coral Symbiont Symbiodinium in the Open Ocean. Current Biology, 2018, 28, 3625-3633.e3.	3.9	52
21	Morphological bases of phytoplankton energy management and physiological responses unveiled by 3D subcellular imaging. Nature Communications, 2021, 12, 1049.	12.8	51
22	Towards an Integrative Morpho-molecular Classification of the Collodaria (Polycystinea, Radiolaria). Protist, 2015, 166, 374-388.	1.5	49
23	Diatom diversity through HTS-metabarcoding in coastal European seas. Scientific Reports, 2018, 8, 18059.	3.3	48
24	Bacterioplankton Biogeography of the Atlantic Ocean: A Case Study of the Distance-Decay Relationship. Frontiers in Microbiology, 2016, 7, 590.	3.5	45
25	NanoSIMS chemical imaging combined with correlative microscopy for biological sample analysis. Current Opinion in Biotechnology, 2016, 41, 130-135.	6.6	45
26	Algal Remodeling in a Ubiquitous Planktonic Photosymbiosis. Current Biology, 2019, 29, 968-978.e4.	3.9	45
27	Multiple microalgal partners in symbiosis with the acantharian Acanthochiasma sp. (Radiolaria). Symbiosis, 2012, 58, 233-244.	2.3	44
28	A community perspective on the concept of marine holobionts: current status, challenges, and future directions. PeerJ, 2021, 9, e10911.	2.0	44
29	Transcriptome analyses to investigate symbiotic relationships between marine protists. Frontiers in Microbiology, 2015, 6, 98.	3.5	40
30	Morphological adaptations to chronic hypoxia in deep-sea decapod crustaceans from hydrothermal vents and cold seeps. Marine Biology, 2010, 157, 1259-1269.	1.5	38
31	The symbiotic life of <i>Symbiodinium</i> in the open ocean within a new species of calcifying ciliate (<i>Tiarina</i> sp.). ISME Journal, 2016, 10, 1424-1436.	9.8	37
32	Cytoklepty in the plankton: A host strategy to optimize the bioenergetic machinery of endosymbiotic algae. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
33	Mixotrophic growth of the extremophile <i>Galdieria sulphuraria</i> reveals the flexibility of its carbon assimilation metabolism. New Phytologist, 2021, 231, 326-338.	7.3	24
34	A de novo approach to disentangle partner identity and function in holobiont systems. Microbiome, 2018, 6, 105.	11.1	19
35	New perspectives on the functioning and evolution of photosymbiosis in plankton. Communicative and Integrative Biology, 2013, 6, e24560.	1.4	17
36	<i>Phaeocystis rex</i> sp. nov. (Phaeocystales, Prymnesiophyceae): a new solitary species that produces a multilayered scale cell covering. European Journal of Phycology, 2015, 50, 207-222.	2.0	15

#	ARTICLE	IF	CITATIONS
37	Subcellular architecture and metabolic connection in the planktonic photosymbiosis between Collodaria (radiolarians) and their microalgae. <i>Environmental Microbiology</i> , 2021, 23, 6569-6586.	3.8	14
38	Intracellular development and impact of a marine eukaryotic parasite on its zombified microalgal host. <i>ISME Journal</i> , 2022, 16, 2348-2359.	9.8	10
39	Mixotrophy Among Freshwater and Marine Protists. , 2019, , 199-199.		5
40	Selective Ion Accumulation in Biomineralizing Marine Acantharia. <i>Microscopy and Microanalysis</i> , 2019, 25, 1072-1073.	0.4	1
41	Visualization of the Ionome in Planktonic Symbioses. <i>Microscopy and Microanalysis</i> , 2019, 25, 1074-1075.	0.4	0
42	Multi-modal correlative chemical imaging of aquatic microorganisms. <i>Microscopy and Microanalysis</i> , 2021, 27, 298-300.	0.4	0