Matthew D Johnson

List of Publications by Year
in descending order

39 papers	3,256 citations	279798 23 h-index	345221 36 g-index
39 all docs	39 docs citations	39 times ranked	3458 citing authors

#	Article	IF	Citations
1	Prey type constrains growth and photosynthetic capacity of the kleptoplastidic ciliate Mesodinium chamaeleon (Ciliophora). Journal of Phycology, 2021, 57, 916-930.	2.3	3
2	Nitric oxide mediates oxylipin production and grazing defense in diatoms. Environmental Microbiology, 2020, 22, 629-645.	3.8	12
3	The Possession of Coccoliths Fails to Deter Microzooplankton Grazers. Frontiers in Marine Science, 2020, 7, .	2.5	8
4	Intraguild predation enables coexistence of competing phytoplankton in a wellâ€mixed water column. Ecology, 2019, 100, e02874.	3.2	17
5	The genetic diversity of plastids associated with mixotrophic oligotrich ciliates. Limnology and Oceanography, 2019, 64, 2187-2201.	3.1	14
6	Light-dependent grazing can drive formation and deepening of deep chlorophyll maxima. Nature Communications, 2019, 10, 1978.	12.8	46
7	A Phylogenomic Approach to Clarifying the Relationship of Mesodinium within the Ciliophora: A Case Study in the Complexity of Mixed-Species Transcriptome Analyses. Genome Biology and Evolution, 2019, 11, 3218-3232.	2.5	21
8	Preferential Plastid Retention by the Acquired Phototroph Mesodinium chamaeleon. Journal of Eukaryotic Microbiology, 2018, 65, 148-158.	1.7	17
9	Editorial: Mixotrophy in Protists: From Model Systems to Mathematical Models. Frontiers in Marine Science, 2018, 5, .	2.5	0
10	Marine Cryptophytes Are Great Sources of EPA and DHA. Marine Drugs, 2018, 16, 3.	4.6	88
11	High Grazing Rates on Cryptophyte Algae in Chesapeake Bay. Frontiers in Marine Science, 2018, 5, .	2.5	15
12	Mesodinium rubrum: The symbiosis that wasnâ€™t. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1040-E1042.	7.1	5
13	Oceanic protists with different forms of acquired phototrophy display contrasting biogeographies and abundance. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170664.	2.6	63
14	Jumping and overcoming diffusion limitation of nutrient uptake in the photosynthetic ciliate <scp>M</scp>esodinium rubrum. Limnology and Oceanography, 2017, 62, 421-436.	3.1	13
15	Mesodinium rubrum exhibits genus-level but not species-level cryptophyte prey selection. Aquatic Microbial Ecology, 2017, 78, 147-159.	1.8	30
16	Evidence for Strain-Specific Exometabolomic Responses of the Coccolithophore Emiliania huxleyi to Grazing by the Dinoflagellate Oxyrrhis marina. Frontiers in Marine Science, 2016, 3, .	2.5	8
17	A Bacterial Quorum-Sensing Precursor Induces Mortality in the Marine Coccolithophore, Emiliania huxleyi. Frontiers in Microbiology, 2016, 7, 59.	3.5	54
18	The Genetic Diversity of Mesodinium and Associated Cryptophytes. Frontiers in Microbiology, 2016, 7, 2017.	3.5	48

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19	Acquired phototrophy stabilises coexistence and shapes intrinsic dynamics of an intraguild predator and its prey. Ecology Letters, 2016, 19, 393-402.	6.4	25
20	Defining Planktonic Protist Functional Groups on Mechanisms for Energy and Nutrient Acquisition: Incorporation of Diverse Mixotrophic Strategies. Protist, 2016, 167, 106-120.	1.5	290
21	Insights into transcriptional changes that accompany organelle sequestration from the stolen nucleus of Mesodinium rubrum. BMC Genomics, 2015, 16, 805.	2.8	30
22	Inducible Mixotrophy in the Dinoflagellate Prorocentrum minimum. Journal of Eukaryotic Microbiology, 2015, 62, 431-443.	1.7	70
23	Ciliates â€" Protists with complex morphologies and ambiguous early fossil record. Marine Micropaleontology, 2015, 119, 1-6.	1.2	17
24	The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the Functional Diversity of Eukaryotic Life in the Oceans through Transcriptome Sequencing. PLoS Biology, 2014, 12, e1001889.	5.6	885
25	Seasonal dynamics of Mesodinium rubrum in Chesapeake Bay. Journal of Plankton Research, 2013, 35, 877-893.	1.8	60
26	Acquired phototrophy in Mesodinium and Dinophysis â€" A review of cellular organization, prey selectivity, nutrient uptake and bioenergetics. Harmful Algae, 2013, 28, 126-139.	4.8	75
27	PHOTOACCLIMATION IN THE PHOTOTROPHIC MARINE CILIATE MESODINIUM RUBRUM (CILIOPHORA)1. Journal of Phycology, 2011, 47, 324-332.	2.3	48
28	Acquired Phototrophy in Ciliates: A Review of Cellular Interactions and Structural Adaptations1. Journal of Eukaryotic Microbiology, 2011, 58, 185-195.	1.7	85
29	The acquisition of phototrophy: adaptive strategies of hosting endosymbionts and organelles. Photosynthesis Research, 2011, 107, 117-132.	2.9	153
30	Universal constant for heat production in protists. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6696-6699.	7.1	42
31	Acquired phototrophy in aquatic protists. Aquatic Microbial Ecology, 2009, 57, 279-310.	1.8	283
32	Retention of transcriptionally active cryptophyte nuclei by the ciliate Myrionecta rubra. Nature, 2007, 445, 426-428.	27.8	193
33	SEQUESTRATION, PERFORMANCE, AND FUNCTIONAL CONTROL OF CRYPTOPHYTE PLASTIDS IN THE CILIATE MYRIONECTA RUBRA (CILIOPHORA) 1. Journal of Phycology, 2006, 42, 1235-1246.	2.3	83
34	Role of feeding in growth and photophysiology of Myrionecta rubra. Aquatic Microbial Ecology, 2005, 39, 303-312.	1.8	106
35	Highly Divergent SSU rRNA Genes Found in the Marine Ciliates Myrionecta rubra and Mesodinium pulex. Protist, 2004, 155, 347-359.	1.5	60
36	Microzooplankton grazing on Prorocentrum minimum and Karlodinium micrum in Chesapeake Bay. Limnology and Oceanography, 2003, 48, 238-248.	3.1	61

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37	Cryptophyte algae are robbed of their organelles by the marine ciliate Mesodinium rubrum. Nature, 2000, 405, 1049-1052.	27.8	207
38	Exposure to Mercury Alters Early Activation Events in Fish Leukocytes. Environmental Health Perspectives, 1996, 104, 1102.	6.0	0
39	Consequences of strain variability and calcification inEmiliania huxleyion microzooplankton grazing. Journal of Plankton Research, 0, , fbv081.	1.8	21