

# Matthew D Johnson

## List of Publications by Year in descending order

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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	The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the Functional Diversity of Eukaryotic Life in the Oceans through Transcriptome Sequencing. <i>PLoS Biology</i> , 2014, 12, e1001889.	5.6	885
2	Defining Planktonic Protist Functional Groups on Mechanisms for Energy and Nutrient Acquisition: Incorporation of Diverse Mixotrophic Strategies. <i>Protist</i> , 2016, 167, 106-120.	1.5	290
3	Acquired phototrophy in aquatic protists. <i>Aquatic Microbial Ecology</i> , 2009, 57, 279-310.	1.8	283
4	Cryptophyte algae are robbed of their organelles by the marine ciliate <i>Mesodinium rubrum</i> . <i>Nature</i> , 2000, 405, 1049-1052.	27.8	207
5	Retention of transcriptionally active cryptophyte nuclei by the ciliate <i>Myrionecta rubra</i> . <i>Nature</i> , 2007, 445, 426-428.	27.8	193
6	The acquisition of phototrophy: adaptive strategies of hosting endosymbionts and organelles. <i>Photosynthesis Research</i> , 2011, 107, 117-132.	2.9	153
7	Role of feeding in growth and photophysiology of <i>Myrionecta rubra</i> . <i>Aquatic Microbial Ecology</i> , 2005, 39, 303-312.	1.8	106
8	Marine Cryptophytes Are Great Sources of EPA and DHA. <i>Marine Drugs</i> , 2018, 16, 3.	4.6	88
9	Acquired Phototrophy in Ciliates: A Review of Cellular Interactions and Structural Adaptations1. <i>Journal of Eukaryotic Microbiology</i> , 2011, 58, 185-195.	1.7	85
10	SEQUESTRATION, PERFORMANCE, AND FUNCTIONAL CONTROL OF CRYPTOPHYTE PLASTIDS IN THE CILIATE MYRIONECTA RUBRA (CILIOPHORA) 1. <i>Journal of Phycology</i> , 2006, 42, 1235-1246.	2.3	83
11	Acquired phototrophy in <i>Mesodinium</i> and <i>Dinophysis</i> – A review of cellular organization, prey selectivity, nutrient uptake and bioenergetics. <i>Harmful Algae</i> , 2013, 28, 126-139.	4.8	75
12	Inducible Mixotrophy in the Dinoflagellate <i>Prorocentrum minimum</i> . <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 431-443.	1.7	70
13	Oceanic protists with different forms of acquired phototrophy display contrasting biogeographies and abundance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170664.	2.6	63
14	Microzooplankton grazing on <i>Prorocentrum minimum</i> and <i>Karlodinium micrum</i> in Chesapeake Bay. <i>Limnology and Oceanography</i> , 2003, 48, 238-248.	3.1	61
15	Highly Divergent SSU rRNA Genes Found in the Marine Ciliates <i>Myrionecta rubra</i> and <i>Mesodinium pulex</i> . <i>Protist</i> , 2004, 155, 347-359.	1.5	60
16	Seasonal dynamics of <i>Mesodinium rubrum</i> in Chesapeake Bay. <i>Journal of Plankton Research</i> , 2013, 35, 877-893.	1.8	60
17	A Bacterial Quorum-Sensing Precursor Induces Mortality in the Marine Coccolithophore, <i>Emiliana huxleyi</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 59.	3.5	54
18	PHOTOACCLIMATION IN THE PHOTOTROPHIC MARINE CILIATE MESODINIUM RUBRUM (CILIOPHORA)1. <i>Journal of Phycology</i> , 2011, 47, 324-332.	2.3	48

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19	The Genetic Diversity of Mesodinium and Associated Cryptophytes. <i>Frontiers in Microbiology</i> , 2016, 7, 2017.	3.5	48
20	Light-dependent grazing can drive formation and deepening of deep chlorophyll maxima. <i>Nature Communications</i> , 2019, 10, 1978.	12.8	46
21	Universal constant for heat production in protists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6696-6699.	7.1	42
22	Insights into transcriptional changes that accompany organelle sequestration from the stolen nucleus of <i>Mesodinium rubrum</i> . <i>BMC Genomics</i> , 2015, 16, 805.	2.8	30
23	<i>Mesodinium rubrum</i> exhibits genus-level but not species-level cryptophyte prey selection. <i>Aquatic Microbial Ecology</i> , 2017, 78, 147-159.	1.8	30
24	Acquired phototrophy stabilises coexistence and shapes intrinsic dynamics of an intraguild predator and its prey. <i>Ecology Letters</i> , 2016, 19, 393-402.	6.4	25
25	Consequences of strain variability and calcification in <i>Emiliana huxleyi</i> on microzooplankton grazing. <i>Journal of Plankton Research</i> , 0, , fbv081.	1.8	21
26	A Phylogenomic Approach to Clarifying the Relationship of <i>Mesodinium</i> within the Ciliophora: A Case Study in the Complexity of Mixed-Species Transcriptome Analyses. <i>Genome Biology and Evolution</i> , 2019, 11, 3218-3232.	2.5	21
27	Ciliates " Protists with complex morphologies and ambiguous early fossil record. <i>Marine Micropaleontology</i> , 2015, 119, 1-6.	1.2	17
28	Preferential Plastid Retention by the Acquired Phototroph <i>Mesodinium chamaeleon</i> . <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 148-158.	1.7	17
29	Intraguild predation enables coexistence of competing phytoplankton in a well-mixed water column. <i>Ecology</i> , 2019, 100, e02874.	3.2	17
30	High Grazing Rates on Cryptophyte Algae in Chesapeake Bay. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	15
31	The genetic diversity of plastids associated with mixotrophic oligotrich ciliates. <i>Limnology and Oceanography</i> , 2019, 64, 2187-2201.	3.1	14
32	Jumping and overcoming diffusion limitation of nutrient uptake in the photosynthetic ciliate <i>Mesodinium rubrum</i> . <i>Limnology and Oceanography</i> , 2017, 62, 421-436.	3.1	13
33	Nitric oxide mediates oxylipin production and grazing defense in diatoms. <i>Environmental Microbiology</i> , 2020, 22, 629-645.	3.8	12
34	Evidence for Strain-Specific Exometabolomic Responses of the Coccolithophore <i>Emiliana huxleyi</i> to Grazing by the Dinoflagellate <i>Oxyrrhis marina</i> . <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	8
35	The Possession of Coccoliths Fails to Deter Microzooplankton Grazers. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	8
36	<i>Mesodinium rubrum</i> : The symbiosis that wasn't. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1040-E1042.	7.1	5

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37	Prey type constrains growth and photosynthetic capacity of the kleptoplastidic ciliate <i>Mesodinium chamaeleon</i> (Ciliophora). <i>Journal of Phycology</i> , 2021, 57, 916-930.	2.3	3
38	Editorial: Mixotrophy in Protists: From Model Systems to Mathematical Models. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	0
39	Exposure to Mercury Alters Early Activation Events in Fish Leukocytes. <i>Environmental Health Perspectives</i> , 1996, 104, 1102.	6.0	0