

# Miguel J Frada

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,277  
citations

516710

16  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1847  
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergent fate of coccolithophores in a warming tropical ecosystem. <i>Global Change Biology</i> , 2022, 28, 1560-1568.	9.5	4
2	A year in the life of the Eastern Mediterranean: Monthly dynamics of phytoplankton and bacterioplankton in an ultra-oligotrophic sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 182, 103720.	1.4	10
3	Seasonal patterns of coccolithophores in the ultra-oligotrophic South-East Levantine Basin, Eastern Mediterranean Sea. <i>Marine Micropaleontology</i> , 2022, 175, 102153.	1.2	5
4	Novel heterococcolithophores, holococcolithophores and life cycle combinations from the families Syracosphaeraceae and Papposphaeraceae and the genus <i>Florispheera</i> . <i>Journal of Micropalaeontology</i> , 2021, 40, 75-99.	3.6	4
5	Dimethyl sulfide mediates microbial predator-prey interactions between zooplankton and algae in the ocean. <i>Nature Microbiology</i> , 2021, 6, 1357-1366.	13.3	33
6	Detection of Phagotrophy in the Marine Phytoplankton Group of the Coccolithophores (Calcihaptophycidae, Haptophyta) During Nutrient-replete and Phosphate-limited Growth. <i>Journal of Phycology</i> , 2020, 56, 1103-1108.	2.3	22
7	Unmasking cellular response of a bloom-forming alga to viral infection by resolving expression profiles at a single-cell level. <i>PLoS Pathogens</i> , 2019, 15, e1007708.	4.7	19
8	Life cycle association of the coccolithophore <i>Syracosphaera gaarderae</i> comb. nov. (ex <i>Alveosphaera</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 58-64.	1.2	7
9	The private life of coccolithophores. <i>Perspectives in Phycology</i> , 2019, 6, 11-30.	1.9	13
10	Coccolithovirus facilitation of carbon export in the North Atlantic. <i>Nature Microbiology</i> , 2018, 3, 537-547.	13.3	114
11	Bacterial virulence against an oceanic bloom-forming phytoplankter is mediated by algal DMSP. <i>Science Advances</i> , 2018, 4, eaau5716.	10.3	78
12	Infection Dynamics of a Bloom-Forming Alga and Its Virus Determine Airborne Coccolith Emission from Seawater. <i>IScience</i> , 2018, 6, 327-335.	4.1	14
13	Morphological switch to a resistant subpopulation in response to viral infection in the bloom-forming coccolithophore <i>Emiliania huxleyi</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006775.	4.7	29
14	Targeted and untargeted lipidomics of <i>Emiliania huxleyi</i> viral infection and life cycle phases highlights molecular biomarkers of infection, susceptibility, and ploidy. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	37
15	Zooplankton May Serve as Transmission Vectors for Viruses Infecting Algal Blooms in the Ocean. <i>Current Biology</i> , 2014, 24, 2592-2597.	3.9	48
16	Decoupling Physical from Biological Processes to Assess the Impact of Viruses on a Mesoscale Algal Bloom. <i>Current Biology</i> , 2014, 24, 2041-2046.	3.9	110
17	Regulatory branch points affecting protein and lipid biosynthesis in the diatom <i>Phaeodactylum tricornutum</i> . <i>Biomass and Bioenergy</i> , 2013, 59, 306-315.	5.7	78
18	Quantum requirements for growth and fatty acid biosynthesis in the marine diatom <i>Phaeodactylum tricornutum</i> (Bacillariophyceae) in nitrogen replete and limited conditions. <i>Journal of Phycology</i> , 2013, 49, 381-388.	2.3	27

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19	Death-specific protein in a marine diatom regulates photosynthetic responses to iron and light availability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20123-20128.	7.1	43
20	Dynamics of Lipid Biosynthesis and Redistribution in the Marine Diatom <i>Phaeodactylum tricornutum</i> Under Nitrate Deprivation. <i>Bioenergy Research</i> , 2012, 5, 876-885.	3.9	31
21	<i>In situ</i> survey of life cycle phases of the coccolithophore <i>Emiliana huxleyi</i> (Haptophyta). <i>Environmental Microbiology</i> , 2012, 14, 1558-1569.	3.8	62
22	First observations of heterococcolithophore-holococcolithophore life cycle combinations in the family Pontosphaeraceae (Calcihaptophycidae, Haptophyta). <i>Marine Micropaleontology</i> , 2009, 71, 20-27.	1.2	19
23	Extreme diversity in noncalcifying haptophytes explains a major pigment paradox in open oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12803-12808.	7.1	263
24	The "Cheshire Cat" escape strategy of the coccolithophore <i>Emiliana huxleyi</i> in response to viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15944-15949.	7.1	184
25	CACO3 OPTICAL DETECTION WITH FLUORESCENT IN SITU HYBRIDIZATION: A NEW METHOD TO IDENTIFY AND QUANTIFY CALCIFYING MICROORGANISMS FROM THE OCEANS. <i>Journal of Phycology</i> , 2006, 42, 1162-1169.	2.3	14