

Julie Poulain

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

4,245
citations

13
h-index

24
g-index

24
ext. papers

6,394
ext. citations

25.2
avg, IF

3.99
L-index

#	Paper	IF	Citations
20	Ocean plankton. Structure and function of the global ocean microbiome. <i>Science</i> , 2015 , 348, 1261359	33.3	1261
19	Ocean plankton. Eukaryotic plankton diversity in the sunlit ocean. <i>Science</i> , 2015 , 348, 1261605	33.3	990
18	Ecogenomics and potential biogeochemical impacts of globally abundant ocean viruses. <i>Nature</i> , 2016 , 537, 689-693	50.4	400
17	Plankton networks driving carbon export in the oligotrophic ocean. <i>Nature</i> , 2016 , 532, 465-470	50.4	392
16	Insights into global diatom distribution and diversity in the world's ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1516-25	11.5	322
15	Marine DNA Viral Macro- and Microdiversity from Pole to Pole. <i>Cell</i> , 2019 , 177, 1109-1123.e14	56.2	256
14	A global ocean atlas of eukaryotic genes. <i>Nature Communications</i> , 2018 , 9, 373	17.4	168
13	Gene Expression Changes and Community Turnover Differentially Shape the Global Ocean Metatranscriptome. <i>Cell</i> , 2019 , 179, 1068-1083.e21	56.2	113
12	Global Trends in Marine Plankton Diversity across Kingdoms of Life. <i>Cell</i> , 2019 , 179, 1084-1097.e21	56.2	108
11	Viral to metazoan marine plankton nucleotide sequences from the Tara Oceans expedition. <i>Scientific Data</i> , 2017 , 4, 170093	8.2	89
10	Biogeography and diversity of Collodaria (Radiolaria) in the global ocean. <i>ISME Journal</i> , 2017 , 11, 1331-1344	3.4	43
9	Community-Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. <i>Global Biogeochemical Cycles</i> , 2019 , 33, 391-419	5.9	42
8	Expanding Tara Oceans Protocols for Underway, Ecosystemic Sampling of the Ocean-Atmosphere Interface During Tara Pacific Expedition (2016-2018). <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	18
7	An Assessment of Environmental Metabarcoding Protocols Aiming at Favoring Contemporary Biodiversity in Inventories of Deep-Sea Communities. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	12
6	A flexible pipeline combining clustering and correction tools for prokaryotic and eukaryotic metabarcoding		9
5	Cryptic and abundant marine viruses at the evolutionary origins of Earth's RNA virome.. <i>Science</i> , 2022 , 376, 156-162	33.3	9
4	Evaluating sediment and water sampling methods for the estimation of deep-sea biodiversity using environmental DNA. <i>Scientific Reports</i> , 2021 , 11, 7856	4.9	5

3	Microbial community structure in hadal sediments: high similarity along trench axes and strong changes along redox gradients. <i>ISME Journal</i> , 2021 , 15, 3455-3467	11.9	4
2	Patterns of eukaryotic diversity from the surface to the deep-ocean sediment.. <i>Science Advances</i> , 2022 , 8, eabj9309	14.3	2
1	An assessment of environmental metabarcoding protocols aiming at favouring contemporary biodiversity in inventories of deep-sea communities		1