

# Julie Poulain

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6579831/julie-poulain-publications-by-year.pdf>

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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	Patterns of eukaryotic diversity from the surface to the deep-ocean sediment.. <i>Science Advances</i> , <b>2022</b> , 8, eabj9309	14.3	2
19	Cryptic and abundant marine viruses at the evolutionary origins of Earth's RNA virome.. <i>Science</i> , <b>2022</b> , 376, 156-162	33.3	9
18	Evaluating sediment and water sampling methods for the estimation of deep-sea biodiversity using environmental DNA. <i>Scientific Reports</i> , <b>2021</b> , 11, 7856	4.9	5
17	Microbial community structure in hadal sediments: high similarity along trench axes and strong changes along redox gradients. <i>ISME Journal</i> , <b>2021</b> , 15, 3455-3467	11.9	4
16	An Assessment of Environmental Metabarcoding Protocols Aiming at Favoring Contemporary Biodiversity in Inventories of Deep-Sea Communities. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	12
15	Marine DNA Viral Macro- and Microdiversity from Pole to Pole. <i>Cell</i> , <b>2019</b> , 177, 1109-1123.e14	56.2	256
14	Community-Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. <i>Global Biogeochemical Cycles</i> , <b>2019</b> , 33, 391-419	5.9	42
13	Gene Expression Changes and Community Turnover Differentially Shape the Global Ocean Metatranscriptome. <i>Cell</i> , <b>2019</b> , 179, 1068-1083.e21	56.2	113
12	Global Trends in Marine Plankton Diversity across Kingdoms of Life. <i>Cell</i> , <b>2019</b> , 179, 1084-1097.e21	56.2	108
11	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> , <b>2019</b> , 6,	4.5	18
10	A global ocean atlas of eukaryotic genes. <i>Nature Communications</i> , <b>2018</b> , 9, 373	17.4	168
9	Biogeography and diversity of Collodaria (Radiolaria) in the global ocean. <i>ISME Journal</i> , <b>2017</b> , 11, 1331-1344	11.9	43
8	Viral to metazoan marine plankton nucleotide sequences from the Tara Oceans expedition. <i>Scientific Data</i> , <b>2017</b> , 4, 170093	8.2	89
7	Ecogenomics and potential biogeochemical impacts of globally abundant ocean viruses. <i>Nature</i> , <b>2016</b> , 537, 689-693	50.4	400
6	Plankton networks driving carbon export in the oligotrophic ocean. <i>Nature</i> , <b>2016</b> , 532, 465-470	50.4	392
5	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> , <b>2016</b> , 113, E1516-25	11.5	322
4	Ocean plankton. Structure and function of the global ocean microbiome. <i>Science</i> , <b>2015</b> , 348, 1261359	33.3	1261

- 3 Ocean plankton. Eukaryotic plankton diversity in the sunlit ocean. *Science*, **2015**, 348, 1261605 33:3 990
- 2 A flexible pipeline combining clustering and correction tools for prokaryotic and eukaryotic metabarcoding 9
- 1 An assessment of environmental metabarcoding protocols aiming at favouring contemporary biodiversity in inventories of deep-sea communities 1