

# Carolyn A Graves

## List of Publications by Year in Descending Order

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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.

19  
papers

520  
citations

12  
h-index

19  
g-index

19  
ext. papers

646  
ext. citations

8.1  
avg. IF

3.35  
L-index

#	Paper	IF	Citations
19	Can ForelWle Index Act as a Proxy of Water Quality in Temperate Waters? Application of Plume Mapping in Liverpool Bay, UK. <i>Remote Sensing</i> , <b>2022</b> , 14, 2375	5	0
18	Upwelling-induced trace gas dynamics in the Baltic Sea inferred from 8 years of autonomous measurements on a ship of opportunity. <i>Biogeosciences</i> , <b>2021</b> , 18, 2679-2709	4.6	0
17	A first approach to build and test the Copepod Mean Size and Total Abundance (CMSTA) ecological indicator using in-situ size measurements from the Plankton Imager (PI). <i>Ecological Indicators</i> , <b>2021</b> , 123, 107307	5.8	5
16	Marine water quality of a densely populated Pacific atoll (Tarawa, Kiribati): Cumulative pressures and resulting impacts on ecosystem and human health. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 163, 111951	6.7	6
15	The Plankton Lifeform Extraction Tool: a digital tool to increase the discoverability and usability of plankton time-series data. <i>Earth System Science Data</i> , <b>2021</b> , 13, 5617-5642	10.5	0
14	Reduced methane seepage from Arctic sediments during cold bottom-water conditions. <i>Nature Geoscience</i> , <b>2020</b> , 13, 144-148	18.3	29
13	Physical controls of dynamics of methane venting from a shallow seep area west of Svalbard. <i>Continental Shelf Research</i> , <b>2020</b> , 194, 104030	2.4	13
12	Baseline assessment of coastal water quality, in Vanuatu, South Pacific: Insights gained from in-situ sampling. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 160, 111651	6.7	15
11	Lifeform indicators reveal large-scale shifts in plankton across the North-West European shelf. <i>Global Change Biology</i> , <b>2020</b> , 26, 3482-3497	11.4	14
10	Utilizing Eutrophication Assessment Directives From Transitional to Marine Systems in the Thames Estuary and Liverpool Bay, UK. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	12
9	Seasonal and Temporal Drivers Influencing Phytoplankton Community in Kuwait Marine Waters: Documenting a Changing Landscape in the Gulf. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	12
8	Diagenetic Mg-calcite overgrowths on foraminiferal tests in the vicinity of methane seeps. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 458, 203-212	5.3	23
7	Methane in shallow subsurface sediments at the landward limit of the gas hydrate stability zone offshore western Svalbard. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 198, 419-438	5.5	20
6	Stability of dissolved and soluble Fe(II) in shelf sediment pore waters and release to an oxic water column. <i>Biogeochemistry</i> , <b>2017</b> , 135, 49-67	3.8	31
5	Paleo-methane emissions recorded in foraminifera near the landward limit of the gas hydrate stability zone offshore western Svalbard. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 521-537	3.6	18
4	Water column methanotrophy controlled by a rapid oceanographic switch. <i>Nature Geoscience</i> , <b>2015</b> , 8, 378-382	18.3	67
3	Fluxes and fate of dissolved methane released at the seafloor at the landward limit of the gas hydrate stability zone offshore western Svalbard. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 6185-6201	3.3	44

- 2 Temporal constraints on hydrate-controlled methane seepage off Svalbard. *Science*, **2014**, 343, 284-7 33.3 187
- 1 Biosynthesis of ethyl oleate, a primer pheromone, in the honey bee (*Apis mellifera* L.). *Insect Biochemistry and Molecular Biology*, **2012**, 42, 404-16 4.5 24