Carolyn A Graves

List of Publications by Citations

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	Temporal constraints on hydrate-controlled methane seepage off Svalbard. *Science*, **2014**, 343, 284-7	33.3	187
18	Water column methanotrophy controlled by a rapid oceanographic switch. *Nature Geoscience*, **2015**, 8, 378-382	18.3	67
17	Fluxes and fate of dissolved methane released at the seafloor at the landward limit of the gas hydrate stability zone offshore western Svalbard. *Journal of Geophysical Research: Oceans*, **2015**, 120, 6185-6201	3.3	44
16	Stability of dissolved and soluble Fe(II) in shelf sediment pore waters and release to an oxic water column. *Biogeochemistry*, **2017**, 135, 49-67	3.8	31
15	Reduced methane seepage from Arctic sediments during cold bottom-water conditions. *Nature Geoscience*, **2020**, 13, 144-148	18.3	29
14	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
13	Diagenetic Mg-calcite overgrowths on foraminiferal tests in the vicinity of methane seeps. *Earth and Planetary Science Letters*, **2017**, 458, 203-212	5.3	23
12	Methane in shallow subsurface sediments at the landward limit of the gas hydrate stability zone offshore western Svalbard. *Geochimica Et Cosmochimica Acta*, **2017**, 198, 419-438	5.5	20
11	Paleo-methane emissions recorded in foraminifera near the landward limit of the gas hydrate stability zone offshore western Svalbard. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 521-537	3.6	18
10	Baseline assessment of coastal water quality, in Vanuatu, South Pacific: Insights gained from in-situ sampling. *Marine Pollution Bulletin*, **2020**, 160, 111651	6.7	15
9	Lifeform indicators reveal large-scale shifts in plankton across the North-West European shelf. *Global Change Biology*, **2020**, 26, 3482-3497	11.4	14
8	Physical controls of dynamics of methane venting from a shallow seep area west of Svalbard. *Continental Shelf Research*, **2020**, 194, 104030	2.4	13
7	Utilizing Eutrophication Assessment Directives From Transitional to Marine Systems in the Thames Estuary and Liverpool Bay, UK. *Frontiers in Marine Science*, **2019**, 6,	4.5	12
6	Seasonal and Temporal Drivers Influencing Phytoplankton Community in Kuwait Marine Waters: Documenting a Changing Landscape in the Gulf. *Frontiers in Marine Science*, **2019**, 6,	4.5	12
5	Marine water quality of a densely populated Pacific atoll (Tarawa, Kiribati): Cumulative pressures and resulting impacts on ecosystem and human health. *Marine Pollution Bulletin*, **2021**, 163, 111951	6.7	6
4	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). *Ecological Indicators*, **2021**, 123, 107307	5.8	5
3	Upwelling-induced trace gas dynamics in the Baltic Sea inferred from 8 years of autonomous measurements on a ship of opportunity. *Biogeosciences*, **2021**, 18, 2679-2709	4.6	0

List of Publications

2	The Plankton Lifeform Extraction Tool: a digital tool to increase the discoverability and usability of plankton time-series data. *Earth System Science Data*, **2021**, 13, 5617-5642	10.5	0
1	Can Forel Üle Index Act as a Proxy of Water Quality in Temperate Waters? Application of Plume Mapping in Liverpool Bay, UK. *Remote Sensing*, **2022**, 14, 2375	5	