

Josephine Ras

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,145
citations

516710

16
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

2467
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural variability of phytoplanktonic absorption in oceanic waters: Influence of the size structure of algal populations. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	429
2	Optical properties of the "clearest" natural waters. <i>Limnology and Oceanography</i> , 2007, 52, 217-229.	3.1	328
3	Recommendations for obtaining unbiased chlorophyll estimates from in situ chlorophyll fluorometers: A global analysis of WET Labs ECO sensors. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 572-585.	2.0	191
4	Light absorption properties and absorption budget of Southeast Pacific waters. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	130
5	Quenching correction for in vivo chlorophyll fluorescence acquired by autonomous platforms: A case study with instrumented elephant seals in the Kerguelen region (Southern Ocean). <i>Limnology and Oceanography: Methods</i> , 2012, 10, 483-495.	2.0	128
6	High Abundances of Aerobic Anoxygenic Photosynthetic Bacteria in the South Pacific Ocean. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4198-4205.	3.1	116
7	An intercomparison of HPLC phytoplankton pigment methods using in situ samples: application to remote sensing and database activities. <i>Marine Chemistry</i> , 2004, 85, 41-61.	2.3	107
8	Effect of atmospheric nutrients on the autotrophic communities in a low nutrient, low chlorophyll system. <i>Limnology and Oceanography</i> , 2005, 50, 1810-1819.	3.1	104
9	Rapid growth rates of aerobic anoxygenic phototrophs in the ocean. <i>Environmental Microbiology</i> , 2007, 9, 2401-2406.	3.8	91
10	Decomposition of in situ particulate absorption spectra. <i>Methods in Oceanography</i> , 2013, 7, 110-124.	1.6	82
11	Bio-optical properties of high chlorophyll Case 1 waters and of yellow-substance-dominated Case 2 waters. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 1439-1459.	1.4	80
12	Toward a taxon-specific parameterization of bio-optical models of primary production: A case study in the North Atlantic. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	78
13	The characteristics of particulate absorption, scattering and attenuation coefficients in the surface ocean; Contribution of the Tara Oceans expedition. <i>Methods in Oceanography</i> , 2013, 7, 52-62.	1.6	76
14	Bacteriochlorophyll and community structure of aerobic anoxygenic phototrophic bacteria in a particle-rich estuary. <i>ISME Journal</i> , 2010, 4, 945-954.	9.8	66
15	Environmental drivers of under-ice phytoplankton bloom dynamics in the Arctic Ocean. <i>Elementa</i> , 2020, 8, .	3.2	45
16	Green Edge ice camp campaigns: understanding the processes controlling the under-ice Arctic phytoplankton spring bloom. <i>Earth System Science Data</i> , 2020, 12, 151-176.	9.9	32
17	Hydrography and biogeochemistry dedicated to the Mediterranean BGC-Argo network during a cruise with RV "Tethys 2" in May 2015. <i>Earth System Science Data</i> , 2018, 10, 627-641.	9.9	18
18	Spatial distribution of heterotrophic bacteria in the northeast Atlantic (POMME study area) during spring 2001. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	17

#	ARTICLE	IF	CITATIONS
19	Mesoscale and seasonal variability of community production and respiration in the surface waters of the N.E. Atlantic Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 1663-1676.	1.4	12
20	The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. Earth System Science Data, 2021, 13, 1561-1592.	9.9	11