

Helena Hauss

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,464
citations

331670

21
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

2370
citing authors

#	ARTICLE	IF	CITATIONS
1	Globally Consistent Quantitative Observations of Planktonic Ecosystems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	234
2	Ocean Acidification-Induced Food Quality Deterioration Constrains Trophic Transfer. <i>PLoS ONE</i> , 2012, 7, e34737.	2.5	228
3	In situ imaging reveals the biomass of giant protists in the global ocean. <i>Nature</i> , 2016, 532, 504-507.	27.8	210
4	Aerobic Microbial Respiration In Oceanic Oxygen Minimum Zones. <i>PLoS ONE</i> , 2015, 10, e0133526.	2.5	99
5	Biological and physical influences on marine snowfall at the equator. <i>Nature Geoscience</i> , 2017, 10, 852-858.	12.9	60
6	Dead zone or oasis in the open ocean? Zooplankton distribution and migration in low-oxygen modewater eddies. <i>Biogeosciences</i> , 2016, 13, 1977-1989.	3.3	53
7	Upwelling and isolation in oxygen-depleted anticyclonic modewater eddies and implications for nitrate cycling. <i>Biogeosciences</i> , 2017, 14, 2167-2181.	3.3	42
8	Characterization of "dead-zone" eddies in the eastern tropical North Atlantic. <i>Biogeosciences</i> , 2016, 13, 5865-5881.	3.3	39
9	Particulate matter flux interception in oceanic mesoscale eddies by the polychaete <i>Poecobius</i> sp.. <i>Limnology and Oceanography</i> , 2018, 63, 2093-2109.	3.1	39
10	Ammonium excretion and oxygen respiration of tropical copepods and euphausiids exposed to oxygen minimum zone conditions. <i>Biogeosciences</i> , 2016, 13, 2241-2255.	3.3	37
11	Changes in N:P stoichiometry influence taxonomic composition and nutritional quality of phytoplankton in the Peruvian upwelling. <i>Journal of Sea Research</i> , 2012, 73, 74-85.	1.6	36
12	Small sinking particles control anammox rates in the Peruvian oxygen minimum zone. <i>Nature Communications</i> , 2021, 12, 3235.	12.8	33
13	Nitrogen Fuelling of the Pelagic Food Web of the Tropical Atlantic. <i>PLoS ONE</i> , 2015, 10, e0131258.	2.5	32
14	Production, partitioning and stoichiometry of organic matter under variable nutrient supply during mesocosm experiments in the tropical Pacific and Atlantic Ocean. <i>Biogeosciences</i> , 2012, 9, 4629-4643.	3.3	29
15	Relative inputs of upwelled and atmospheric nitrogen to the eastern tropical North Atlantic food web: Spatial distribution of $\delta^{15}N$ in mesozooplankton and relation to dissolved nutrient dynamics. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 75, 135-145.	1.4	29
16	Hidden biosphere in an oxygen-deficient Atlantic open-ocean eddy: future implications of ocean deoxygenation on primary production in the eastern tropical North Atlantic. <i>Biogeosciences</i> , 2015, 12, 7467-7482.	3.3	29
17	Oxygen utilization and downward carbon flux in an oxygen-depleted eddy in the eastern tropical North Atlantic. <i>Biogeosciences</i> , 2016, 13, 5633-5647.	3.3	29
18	The Pelagic In situ Observation System (PELAGIOS) to reveal biodiversity, behavior, and ecology of elusive oceanic fauna. <i>Ocean Science</i> , 2019, 15, 1327-1340.	3.4	28

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19	On the Estimation of Zooplankton-Mediated Active Fluxes in Oxygen Minimum Zone Regions. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	28
20	Water column biogeochemistry of oxygen minimum zones in the eastern tropical North Atlantic and eastern tropical South Pacific oceans. <i>Biogeosciences</i> , 2016, 13, 3585-3606.	3.3	27
21	The squat lobster <i>Pleuroncodes monodon</i> tolerates anoxic "dead zone" conditions off Peru. <i>Marine Biology</i> , 2015, 162, 1913-1921.	1.5	24
22	Changing nutrient stoichiometry affects phytoplankton production, DOP accumulation and dinitrogen fixation " a mesocosm experiment in the eastern tropical North Atlantic. <i>Biogeosciences</i> , 2016, 13, 781-794.	3.3	23
23	Effects of varied nitrate and phosphate supply on polysaccharidic and proteinaceous gel particle production during tropical phytoplankton bloom experiments. <i>Biogeosciences</i> , 2015, 12, 5647-5665.	3.3	20
24	Niche construction by non-diazotrophs for N ₂ fixers in the eastern tropical North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 6904-6913.	4.0	16
25	Effects of nitrate and phosphate supply on chromophoric and fluorescent dissolved organic matter in the Eastern Tropical North Atlantic: a mesocosm study. <i>Biogeosciences</i> , 2015, 12, 6897-6914.	3.3	9
26	Temperature effects on vital rates of different life stages and implications for population growth of Baltic sprat. <i>Marine Biology</i> , 2012, 159, 2621-2632.	1.5	7
27	Dissolved N:P ratio changes in the eastern tropical North Atlantic: effect on phytoplankton growth and community structure. <i>Marine Ecology - Progress Series</i> , 2016, 545, 49-62.	1.9	6
28	Spatial and seasonal variability in reproductive investment of Baltic sprat. <i>Fisheries Research</i> , 2018, 204, 49-60.	1.7	5
29	Zooplankton mortality effects on the plankton community of the northern Humboldt Current System: sensitivity of a regional biogeochemical model. <i>Biogeosciences</i> , 2021, 18, 2891-2916.	3.3	5
30	Comparing observed and modelled growth of larval herring (&i>Clupea harengus&i>): Testing individual-based model parameterisations. <i>Scientia Marina</i> , 2009, 73, 37-45.	0.6	4
31	Application of the daily egg production method to Baltic sprat. <i>Fisheries Research</i> , 2012, 127-128, 73-82.	1.7	3