

Ulrike Braeckman

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,471
citations

361413

20
h-index

345221

36
g-index

49
all docs

49
docs citations

49
times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of macrofauna functional traits and density in biogeochemical fluxes and bioturbation. <i>Marine Ecology - Progress Series</i> , 2010, 399, 173-186.	1.9	164
2	Assessment of goods and services, vulnerability, and conservation status of European seabed biotopes: a stepping stone towards ecosystem-based marine spatial management. <i>Mediterranean Marine Science</i> , 2012, 13, 49.	1.6	126
3	Aggregation at windmill artificial reefs: CPUE of Atlantic cod (<i>Gadus morhua</i>) and pouting (<i>Trisopterus luscus</i>) at different habitats in the Belgian part of the North Sea. <i>Fisheries Research</i> , 2013, 139, 28-34.	1.7	97
4	Antarctic shallow water benthos in an area of recent rapid glacier retreat. <i>Marine Ecology</i> , 2015, 36, 716-733.	1.1	82
5	Variable Importance of Macrofaunal Functional Biodiversity for Biogeochemical Cycling in Temperate Coastal Sediments. <i>Ecosystems</i> , 2014, 17, 720.	3.4	78
6	Climate change and marine benthos: a review of existing research and future directions in the North Atlantic. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2015, 6, 203-223.	8.1	76
7	Contrasting macrobenthic activities differentially affect nematode density and diversity in a shallow subtidal marine sediment. <i>Marine Ecology - Progress Series</i> , 2011, 422, 179-191.	1.9	74
8	Can benthic community structure be used to predict the process of bioturbation in real ecosystems?. <i>Progress in Oceanography</i> , 2015, 137, 559-569.	3.2	70
9	The Link between Microbial Diversity and Nitrogen Cycling in Marine Sediments Is Modulated by Macrofaunal Bioturbation. <i>PLoS ONE</i> , 2015, 10, e0130116.	2.5	50
10	Degradation of macroalgal detritus in shallow coastal Antarctic sediments. <i>Limnology and Oceanography</i> , 2019, 64, 1423-1441.	3.1	47
11	3. Ecology of free-living marine nematodes. , 2013, , 109-152.		46
12	The impact of sedimentary alkalinity release on the water column CO ₂ system in the North Sea. <i>Biogeosciences</i> , 2016, 13, 841-863.	3.3	44
13	The Early Life History of the Clam <i>Macoma balthica</i> in a High CO ₂ World. <i>PLoS ONE</i> , 2012, 7, e44655.	2.5	43
14	Meiofauna Metabolism in Suboxic Sediments: Currently Overestimated. <i>PLoS ONE</i> , 2013, 8, e59289.	2.5	40
15	Biological vs. Physical Mixing Effects on Benthic Food Web Dynamics. <i>PLoS ONE</i> , 2011, 6, e18078.	2.5	39
16	Modelling benthic oxygen consumption and benthic-pelagic coupling at a shallow station in the southern North Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 120, 1-11.	2.1	36
17	Empirical Evidence Reveals Seasonally Dependent Reduction in Nitrification in Coastal Sediments Subjected to Near Future Ocean Acidification. <i>PLoS ONE</i> , 2014, 9, e108153.	2.5	36
18	Protecting the Commons: the use of Subtidal Ecosystem Engineers in Marine Management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2014, 24, 275-286.	2.0	30

#	ARTICLE	IF	CITATIONS
19	Interregional comparison of benthic ecosystem functioning: Community bioturbation potential in four regions along the NE Atlantic shelf. <i>Ecological Indicators</i> , 2020, 110, 105945.	6.3	25
20	Impact of bottom trawling on sediment biogeochemistry: a modelling approach. <i>Biogeosciences</i> , 2021, 18, 2539-2557.	3.3	25
21	Experimental beam-trawling in <i>Lanice conchilega</i> reefs: Impact on the associated fauna. <i>Fisheries Research</i> , 2008, 90, 209-216.	1.7	21
22	Temporal dynamics in the diet of two marine polychaetes as inferred from fatty acid biomarkers. <i>Journal of Sea Research</i> , 2012, 68, 6-19.	1.6	21
23	Temporal dynamics in a shallow coastal benthic food web: Insights from fatty acid biomarkers and their stable isotopes. <i>Marine Environmental Research</i> , 2015, 108, 55-68.	2.5	19
24	Deep-sea benthic communities and oxygen fluxes in the Arctic Fram Strait controlled by sea-ice cover and water depth. <i>Biogeosciences</i> , 2018, 15, 4849-4869.	3.3	19
25	Faunal and environmental drivers of carbon and nitrogen cycling along a permeability gradient in shallow North Sea sediments. <i>Science of the Total Environment</i> , 2021, 767, 144994.	8.0	18
26	Functional trait responses to sediment deposition reduce macrofauna-mediated ecosystem functioning in an estuarine mudflat. <i>Biogeosciences</i> , 2018, 15, 2587-2599.	3.3	17
27	Organic matter assimilation by hard substrate fauna in an offshore wind farm area: a pulse-chase study. <i>ICES Journal of Marine Science</i> , 2020, 77, 2681-2693.	2.5	17
28	Spatial variability of biogeochemistry in shallow coastal benthic communities of Potter Cove (Antarctica) and the impact of a melting glacier. <i>PLoS ONE</i> , 2018, 13, e0207917.	2.5	14
29	Rapid organic matter cycling in North Sea sediments. <i>Continental Shelf Research</i> , 2021, 214, 104327.	1.8	14
30	Carbon and nitrogen turnover in the Arctic deep sea: in situ benthic community response to diatom and coccolithophorid phytodetritus. <i>Biogeosciences</i> , 2018, 15, 6537-6557.	3.3	13
31	Glacial melt disturbance shifts community metabolism of an Antarctic seafloor ecosystem from net autotrophy to heterotrophy. <i>Communications Biology</i> , 2021, 4, 148.	4.4	13
32	Implications of Glacial Melt-Related Processes on the Potential Primary Production of a Microphytobenthic Community in Potter Cove (Antarctica). <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	12
33	Predator effects on the feeding and bioirrigation activity of ecosystem-engineered <i>Lanice conchilega</i> reefs. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 475, 31-37.	1.5	11
34	Offshore Windfarm Footprint of Sediment Organic Matter Mineralization Processes. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	11
35	Effect of short-term hypoxia on marine nematode community structure and vertical distribution pattern in three different sediment types of the North Sea. <i>Marine Environmental Research</i> , 2014, 99, 149-159.	2.5	8
36	Biological and biogeochemical methods for estimating bioirrigation: a case study in the Oosterschelde estuary. <i>Biogeosciences</i> , 2020, 17, 1701-1715.	3.3	8

#	ARTICLE	IF	CITATIONS
37	Impact of shallow-seawater hydrothermal seepage on benthic biogeochemical cycling, nutrient availability, and meiobenthic communities in a tropical coral reef. <i>Limnology and Oceanography</i> , 2022, 67, 567-584.	3.1	1