Jeroen Ingels

List of Publications by Year in descending order

58 papers	3,005 citations	218381 26 h-index	174990 52 g-index
63 all docs	63 docs citations	63 times ranked	3106 citing authors

#	Article	IF	Citations
1	Ecosystem function and services provided by the deep sea. Biogeosciences, 2014, 11, 3941-3963.	1.3	293
2	Major impacts of climate change on deep-sea benthic ecosystems. Elementa, 2017, 5, .	1.1	252
3	Meiofauna matters: The roles of meiofauna in benthic ecosystems. Journal of Experimental Marine Biology and Ecology, 2018, 502, 12-25.	0.7	222
4	The contribution of deepâ€sea macrohabitat heterogeneity to global nematode diversity. Marine Ecology, 2010, 31, 6-20.	0.4	208
5	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. PLoS Biology, 2013, 11, e1001682.	2.6	194
6	Characteristics of meiofauna in extreme marine ecosystems: a review. Marine Biodiversity, 2018, 48, 35-71.	0.3	153
7	Nematode diversity and its relation to the quantity and quality of sedimentary organic matter in the deep NazarÃ© Canyon, Western Iberian Margin. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1521-1539.	0.6	114
8	Connected macroalgalâ€sediment systems: blue carbon and food webs in the deep coastal ocean. Ecological Monographs, 2019, 89, e01366.	2.4	103
9	Meiofauna in the Gollum Channels and the Whittard Canyon, Celtic Marginâ€"How Local Environmental Conditions Shape Nematode Structure and Function. PLoS ONE, 2011, 6, e20094.	1.1	93
10	Possible effects of global environmental changes on Antarctic benthos: a synthesis across five major taxa. Ecology and Evolution, 2012, 2, 453-485.	0.8	88
11	Europeâ€™s Grand Canyon: NazarÃ© Submarine Canyon. Oceanography, 2009, 22, 46-57.	0.5	86
12	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. Marine Biology, 2013, 160, 2295-2317.	0.7	79
13	The Whittard Canyon â€" A case study of submarine canyon processes. Progress in Oceanography, 2016, 146, 38-57.	1.5	68
14	Preferred use of bacteria over phytoplankton by deep-sea nematodes in polar regions. Marine Ecology - Progress Series, 2010, 406, 121-133.	0.9	51
15	Structural and functional diversity of Nematoda in relation with environmental variables in the SetÃºbal and Cascais canyons, Western Iberian Margin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2354-2368.	0.6	50
16	An insight into the feeding ecology of deep-sea canyon nematodes â€" Results from field observations and the first in-situ 13C feeding experiment in the NazarÃ© Canyon. Journal of Experimental Marine Biology and Ecology, 2011, 396, 185-193.	0.7	47
17	3. Ecology of free-living marine nematodes. , 2013, , 109-152.		46
18	Temporal and spatial variation in the NazarÃ© Canyon (Western Iberian margin): Inter-annual and canyon heterogeneity effects on meiofauna biomass and diversity. Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 83, 102-114.	0.6	43

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19	The biodiversity and biogeography of the free-living nematode genera Desmodora and Desmodorella (family Desmodoridae) at both sides of the Scotia Arc. Polar Biology, 2006, 29, 936-949.	0.5	39
20	Microsporidia-nematode associations in methane seeps reveal basal fungal parasitism in the deep sea. Frontiers in Microbiology, 2014, 5, 43.	1.5	39
21	Effects of elevated CO2 and temperature on an intertidal meiobenthic community. Journal of Experimental Marine Biology and Ecology, 2015, 469, 44-56.	0.7	39
22	Heavy metal accumulation reflecting natural sedimentary processes and anthropogenic activities in two contrasting coastal wetland ecosystems, eastern China. Journal of Soils and Sediments, 2016, 16, 1093-1108.	1.5	39
23	Organic geochemistry of submarine canyons: The Portuguese Margin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2477-2488.	0.6	37
24	The importance of different spatial scales in determining structural and functional characteristics of deep-sea infauna communities. Biogeosciences, 2013, 10, 4547-4563.	1.3	35
25	Marine free-living nematodes associated with symbiotic bacteria in deep-sea canyons of north-east Atlantic Ocean. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 1257-1271.	0.4	34
26	Suitability of Free-Living Marine Nematodes as Bioindicators: Status and Future Considerations. Frontiers in Marine Science, 2021, 8, .	1.2	34
27	Characterisation of the Nematode Community of a Low-Activity Cold Seep in the Recently Ice-Shelf Free Larsen B Area, Eastern Antarctic Peninsula. PLoS ONE, 2011, 6, e22240.	1.1	33
28	An approach for the identification of exemplar sites for scaling up targeted field observations of benthic biogeochemistry in heterogeneous environments. Biogeochemistry, 2017, 135, 1-34.	1.7	30
29	Spatial and temporal infaunal dynamics of the Blanes submarine canyon-slope system (NW) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Progress in Oceanography, 2013, 118, 159-174.	1.5	26
30	Long-term iceshelf-covered meiobenthic communities of the Antarctic continental shelf resemble those of the deep sea. Marine Biodiversity, 2015, 45, 743-762.	0.3	25
31	Antarctic ecosystem responses following iceâ€shelf collapse and iceberg calving: Science review and future research. Wiley Interdisciplinary Reviews: Climate Change, 2021, 12, .	3.6	25
32	The effects of hydrocarbons on meiofauna in marine sediments in Antarctica. Journal of Experimental Marine Biology and Ecology, 2017, 496, 56-73.	0.7	24
33	Interactions between multiple large macrofauna species and nematode communities â€" Mechanisms for indirect impacts of trawling disturbance. Journal of Experimental Marine Biology and Ecology, 2014, 456, 41-49.	0.7	22
34	Short-term CO 2 exposure and temperature rise effects on metazoan meiofauna and free-living nematodes in sandy and muddy sediments: Results from a flume experiment. Journal of Experimental Marine Biology and Ecology, 2018, 502, 211-226.	0.7	22
35	Temporal and spatial variability of free-living nematodes in a beach system characterized by domestic and industrial impacts (Bandar Abbas, Persian Gulf, Iran). Ecological Indicators, 2020, 118, 106697.	2.6	22
36	Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. Nature Ecology and Evolution, 2021, 5, 27-29.	3.4	22

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37	High spatiotemporal variability in meiofaunal assemblages in Blanes Canyon (NW Mediterranean) subject to anthropogenic and natural disturbances. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 117, 70-83.	0.6	19
38	Effects of elevated CO2 and temperature on an intertidal harpacticoid copepod community. ICES Journal of Marine Science, 2017, 74, 1159-1169.	1.2	19
39	Meiofauna Life on Loggerhead Sea Turtles-Diversely Structured Abundance and Biodiversity Hotspots That Challenge the Meiofauna Paradox. Diversity, 2020, 12, 203.	0.7	19
40	Diversity and composition of macro- and meiofaunal carapace epibionts of the hawksbill sea turtle (Eretmochelys imbricata Linnaeus, 1822) in Atlantic waters. Marine Biodiversity, 2014, 44, 391-401.	0.3	18
41	Selective settlement of deep-sea canyon nematodes after resuspension â€" an experimental approach. Journal of Experimental Marine Biology and Ecology, 2013, 441, 110-116.	0.7	17
42	Free Ocean CO2 Enrichment (FOCE) experiments: Scientific and technical recommendations for future in situ ocean acidification projects. Progress in Oceanography, 2019, 172, 89-107.	1.5	16
43	Nematoda. , 2013, , .		16
44	Diversity, Abundance, Spatial Variation, and Human Impacts in Marine Meiobenthic Nematode and Copepod Communities at Casey Station, East Antarctica. Frontiers in Marine Science, 2020, 7, .	1.2	15
45	Distribution of Meiofauna in Bathyal Sediments Influenced by the Oxygen Minimum Zone Off Costa Rica. Frontiers in Marine Science, 2018, 5, .	1.2	14
46	Macrofauna along the <scp>S</scp>udanese <scp>R</scp>ed <scp>S</scp>ea coast: potential effect of mangrove clearance on community and trophic structure. Marine Ecology, 2015, 36, 794-809.	0.4	11
47	Kinorhynch communities on the Louisiana continental shelf. Proceedings of the Biological Society of Washington, 2019, 132, 1.	0.3	11
48	Comparing benthic biogeochemistry at a sandy and a muddy site in the Celtic Sea using a model and observations. Biogeochemistry, 2017, 135, 155-182.	1.7	10
49	The scientific response to Antarctic ice-shelf loss. Nature Climate Change, 2018, 8, 848-851.	8.1	10
50	Kinorhynch communities from Alabama coastal waters. Marine Biology Research, 2020, 16, 494-504.	0.3	10
51	Nematode community zonation in response to environmental drivers in Blanes Canyon (NW) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.7	8
52	Testing Bathymetric and Regional Patterns in the Southwest Atlantic Deep Sea Using Infaunal Diversity, Structure, and Function. Diversity, 2020, 12, 485.	0.7	8
53	Epibionts Reflect Spatial and Foraging Ecology of Gulf of Mexico Loggerhead Turtles (Caretta) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.1	8
54	Role of spatial scales and environmental drivers in shaping nematode communities in the Blanes Canyon and its adjacent slope. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 146, 62-78.	0.6	7

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55	Eretmochelys imbricata shells present a dynamic substrate for a facilitative epibiont relationship between macrofauna richness and nematode diversity, structure and function. Journal of Experimental Marine Biology and Ecology, 2018, 502, 153-163.	0.7	6
56	New genus and two new species of the family Ethmolaimidae (Nematoda: Chromadorida), found in two different cold-seep environments. Zootaxa, 2013, 3692, .	0.2	5
57	Meiofauna and nematode community characteristics indicate ecological changes induced by geomorphic evolution: A case study on tidal creek systems. Ecological Indicators, 2018, 87, 97-106.	2.6	5
58	Editorial: Extreme Benthic Communities in the Age of Global Change. Frontiers in Marine Science, 2021, 7, .	1.2	1