Monika Winder

List of Publications by Year
in descending order

41 papers	3,502 citations	361045 20 h-index	276539 41 g-index
42 all docs	42 docs citations	42 times ranked	5135 citing authors

#	Article	IF	Citations
1	Beyond the Plankton Ecology Group (PEG) Model: Mechanisms Driving Plankton Succession. Annual Review of Ecology, Evolution, and Systematics, 2012, 43, 429-448.	3.8	604
2	Phytoplankton response to a changing climate. Hydrobiologia, 2012, 698, 5-16.	1.0	390
3	The Baltic Sea as a time machine for the future coastal ocean. Science Advances, 2018, 4, eaar8195.	4.7	339
4	The importance of benthicâ€"pelagic coupling for marine ecosystem functioning in a changing world. Global Change Biology, 2017, 23, 2179-2196.	4.2	294
5	A bioenergetic framework for the temperature dependence of trophic interactions. Ecology Letters, 2014, 17, 902-914.	3.0	268
6	Plankton dynamics under different climatic conditions in space and time. Freshwater Biology, 2013, 58, 463-482.	1.2	259
7	The annual cycles of phytoplankton biomass. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 3215-3226.	1.8	232
8	Ocean Acidification-Induced Food Quality Deterioration Constrains Trophic Transfer. PLoS ONE, 2012, 7, e34737.	1.1	228
9	Partitioning the Relative Importance of Phylogeny and Environmental Conditions on Phytoplankton Fatty Acids. PLoS ONE, 2015, 10, e0130053.	1.1	217
10	Long-Term Conditioning to Elevated pCO2 and Warming Influences the Fatty and Amino Acid Composition of the Diatom Cylindrotheca fusiformis. PLoS ONE, 2015, 10, e0123945.	1.1	57
11	The landâ€"sea interface: A source of highâ€quality phytoplankton to support secondary production. Limnology and Oceanography, 2017, 62, S258.	1.6	53
12	Reconstructing marine plankton food web interactions using DNA metabarcoding. Molecular Ecology, 2020, 29, 3380-3395.	2.0	46
13	Climate Driven Changes in Timing, Composition and Magnitude of the Baltic Sea Phytoplankton Spring Bloom. Frontiers in Marine Science, 2019, 6, .	1.2	44
14	The response of temperate aquatic ecosystems to global warming: novel insights from a multidisciplinary project. Marine Biology, 2012, 159, 2367-2377.	0.7	41
15	Stoichiometric regulation in micro- and mesozooplankton. Journal of Plankton Research, 2015, 37, 293-305.	0.8	36
16	Lake warming mimics fertilization. Nature Climate Change, 2012, 2, 771-772.	8.1	34
17	Ocean acidification reduces transfer of essential biomolecules in a natural plankton community. Scientific Reports, 2016, 6, 27749.	1.6	29
18	Phytoplankton community interactions and environmental sensitivity in coastal and offshore habitats. Oikos, 2016, 125, 1134-1143.	1.2	27

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19	Quantifying the Adaptive Cycle. PLoS ONE, 2015, 10, e0146053.	1.1	27
20	Increased appendicularian zooplankton alter carbon cycling under warmer more acidified ocean conditions. Limnology and Oceanography, 2017, 62, 1541-1551.	1.6	22
21	Life-history responses to changing temperature and salinity of the Baltic Sea copepod Eurytemora affinis. Marine Biology, 2018, 165, 30.	0.7	22
22	DNA metabarcoding reveals trophic niche diversity of micro and mesozooplankton species. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210908.	1.2	21
23	Humanâ€induced biotic invasions and changes in plankton interaction networks. Journal of Applied Ecology, 2014, 51, 1066-1074.	1.9	19
24	The necessity of a holistic approach when managing marine mammalâ€“fisheries interactions: Environment and fisheries impact are stronger than seal predation. Ambio, 2019, 48, 552-564.	2.8	18
25	Influence of settling organic matter quantity and quality on benthic nitrogen cycling. Limnology and Oceanography, 2021, 66, 1882-1895.	1.6	18
26	Nutrient deficiencies and the restriction of compensatory mechanisms in copepods. Functional Ecology, 2018, 32, 636-647.	1.7	17
27	Food quantityâ€“quality interactions and their impact on consumer behavior and trophic transfer. Ecological Monographs, 2020, 90, e01395.	2.4	16
28	The potential of fatty acid isotopes to trace trophic transfer in aquatic food-webs. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190652.	1.8	16
29	Benthicâ€pelagic coupling drives nonâ€seasonal zooplankton blooms and restructures energy flows in shallow tropical lakes. Limnology and Oceanography, 2016, 61, 795-805.	1.6	15
30	Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	14
31	Effects of changing phytoplankton species composition on carbon and nitrogen uptake in benthic invertebrates. Limnology and Oceanography, 2021, 66, 469-480.	1.6	13
32	Ecological and functional consequences of coastal ocean acidification: Perspectives from the Baltic-Skagerrak System. Ambio, 2019, 48, 831-854.	2.8	11
33	Biotic invasions can alter nutritional composition of zooplankton communities. Oikos, 2015, 124, 1337-1345.	1.2	10
34	Adaptation potential of the copepod Eurytemora affinis to a future warmer Baltic Sea. Ecology and Evolution, 2020, 10, 5135-5151.	0.8	9
35	Limited evidence for common interannual trends in Baltic Sea summer phytoplankton biomass. PLoS ONE, 2020, 15, e0231690.	1.1	9
36	Fish larvae distribution among different habitats in coastal East Africa. Journal of Fish Biology, 2019, 94, 29-39.	0.7	6

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37	Quality of phytoplankton deposition structures bacterial communities at the waterâ€sediment interface. Molecular Ecology, 2021, 30, 3515-3529.	2.0	6
38	Technical comment on Boersma <i>etÂal</i>. (2016) Temperature driven changes in the diet preference of omnivorous copepods: no more meat when it's hot? <i>Ecology Letters</i>, 19, 45â€"53. Ecology Letters, 2016, 19, 1389-1391.	3.0	5
39	Ecosystem Effects of Morphological and Life History Traits in Two Divergent Zooplankton Populations. Frontiers in Marine Science, 2018, 5, .	1.2	5
40	Seasonal distribution of fish larvae in mangrove-seagrass seascapes of Zanzibar (Tanzania). Scientific Reports, 2022, 12, 4196.	1.6	3
41	Phytoplankton settling quality has a subtle but significant effect on sediment microeukaryotic and bacterial communities. Scientific Reports, 2021, 11, 24033.	1.6	2