

# Thomas Juul-Pedersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4430276/publications.pdf>

Version: 2024-02-01

28  
papers

1,621  
citations

304743

22  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arctic spring awakening – Steering principles behind the phenology of vernal ice algal blooms. <i>Progress in Oceanography</i> , 2015, 139, 151-170.	3.2	274
2	Marine-terminating glaciers sustain high productivity in Greenland fjords. <i>Global Change Biology</i> , 2017, 23, 5344-5357.	9.5	192
3	Seasonal variation in benthic community oxygen demand: A response to an ice algal bloom in the Beaufort Sea, Canadian Arctic?. <i>Journal of Marine Systems</i> , 2007, 67, 1-12.	2.1	118
4	Review article: How does glacier discharge affect marine biogeochemistry and primary production in the Arctic?. <i>Cryosphere</i> , 2020, 14, 1347-1383.	3.9	114
5	Seasonal and interannual phytoplankton production in a sub-Arctic tidewater outlet glacier fjord, SW Greenland. <i>Marine Ecology - Progress Series</i> , 2015, 524, 27-38.	1.9	94
6	Glacial meltwater and primary production are drivers of strong CO <sub>2</sub> uptake in fjord and coastal waters adjacent to the Greenland Ice Sheet. <i>Biogeosciences</i> , 2015, 12, 2347-2363.	3.3	82
7	The influence of glacial melt water on bio-optical properties in two contrasting Greenlandic fjords. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 72-83.	2.1	72
8	Post-spring bloom community structure of pelagic copepods in the Disko Bay, Western Greenland. <i>Journal of Plankton Research</i> , 2005, 27, 341-356.	1.8	60
9	High air-sea CO <sub>2</sub> uptake rates in nearshore and shelf areas of Southern Greenland: Temporal and spatial variability. <i>Marine Chemistry</i> , 2012, 128-129, 26-33.	2.3	56
10	A 5-year study of seasonal patterns in mesozooplankton community structure in a sub-Arctic fjord reveals dominance of <i>Microsetella norvegica</i> (Crustacea, Copepoda). <i>Journal of Plankton Research</i> , 2013, 35, 105-120.	1.8	54
11	Sedimentation following the spring bloom in Disko Bay, West Greenland, with special emphasis on the role of copepods. <i>Marine Ecology - Progress Series</i> , 2006, 314, 239-255.	1.9	53
12	Seasonal and spatial patterns of primary production in a high-latitude fjord affected by Greenland Ice Sheet run-off. <i>Biogeosciences</i> , 2019, 16, 3777-3792.	3.3	46
13	Seasonal changes in the sinking export of particulate material under first-year sea ice on the Mackenzie Shelf (western Canadian Arctic). <i>Marine Ecology - Progress Series</i> , 2008, 353, 13-25.	1.9	45
14	An Updated View on Water Masses on the pan-West Greenland Continental Shelf and Their Link to Proglacial Fjords. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015564.	2.6	41
15	Sinking export of particulate organic material from the euphotic zone in the eastern Beaufort Sea. <i>Marine Ecology - Progress Series</i> , 2010, 410, 55-70.	1.9	40
16	Glacial meltwater influences on plankton community structure and the importance of top-down control (of primary production) in a Greenland fjord. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 183, 123-135.	2.1	36
17	The relative contributions of biological and abiotic processes to carbon dynamics in subarctic sea ice. <i>Polar Biology</i> , 2013, 36, 1761-1777.	1.2	34
18	Metazooplankton community structure, feeding rate estimates, and hydrography in a meltwater-influenced Greenlandic fjord. <i>Marine Ecology - Progress Series</i> , 2011, 434, 77-90.	1.9	33

#	ARTICLE	IF	CITATIONS
19	Seasonal carbon cycling in a Greenlandic fjord: an integrated pelagic and benthic study. <i>Marine Ecology - Progress Series</i> , 2015, 539, 1-17.	1.9	28
20	Microplankton succession in a SW Greenland tidewater glacial fjord influenced by coastal inflows and run-off from the Greenland Ice Sheet. <i>Polar Biology</i> , 2015, 38, 1515-1533.	1.2	24
21	Local Coastal Water Masses Control Heat Levels in a West Greenland Tidewater Outlet Glacier Fjord. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8068-8083.	2.6	23
22	Seasonal succession, distribution, and diversity of planktonic protists in relation to hydrography of the Godthåbsfjord system (SW Greenland). <i>Polar Biology</i> , 2018, 41, 2033-2052.	1.2	22
23	Trophic role and top-down control of a subarctic protozooplankton community. <i>Marine Ecology - Progress Series</i> , 2014, 500, 67-82.	1.9	19
24	Influence of the Mackenzie River plume on the sinking export of particulate material on the shelf. <i>Journal of Marine Systems</i> , 2008, 74, 810-824.	2.1	17
25	Spatial and temporal distribution of planktonic protists in the East Greenland fjord and offshore waters. <i>Marine Ecology - Progress Series</i> , 2015, 538, 99-116.	1.9	17
26	Comparison of climate signals obtained from encrusting and free-living rhodolith coralline algae. <i>Chemical Geology</i> , 2018, 476, 418-428.	3.3	13
27	Acute oil exposure reduces physiological process rates in Arctic phyto- and zooplankton. <i>Ecotoxicology</i> , 2019, 28, 26-36.	2.4	9
28	Coralline Algae Archive Fjord Surface Water Temperatures in Southwest Greenland. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2617-2626.	3.0	5