

# Kerstin Jerosch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7529376/publications.pdf>

Version: 2024-02-01

15  
papers

770  
citations

759233

12  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methane discharge from a deep-sea submarine mud volcano into the upper water column by gas hydrate-coated methane bubbles. <i>Earth and Planetary Science Letters</i> , 2006, 243, 354-365.	4.4	268
2	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020, 580, 87-92.	27.8	156
3	Spatial distribution of mud flows, chemoautotrophic communities, and biogeochemical habitats at HÅ¥kon Mosby Mud Volcano. <i>Marine Geology</i> , 2007, 243, 1-17.	2.1	76
4	Benthic organic carbon flux and oxygen penetration reflect different plankton provinces in the Southern Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1319-1335.	1.4	39
5	Anatomy of a glacial meltwater discharge event in an Antarctic cove. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170163.	3.4	36
6	Spatial analysis of marine categorical information using indicator kriging applied to georeferenced video mosaics of the deep-sea HÅ¥kon Mosby Mud Volcano. <i>Ecological Informatics</i> , 2006, 1, 391-406.	5.2	31
7	Habitat modelling of crabeater seals ( <i>Lobodon carcinophaga</i> ) in the Weddell Sea using the multivariate approach Maxent. <i>Polar Biology</i> , 2017, 40, 961-976.	1.2	30
8	The retrospective analysis of Antarctic tracking data project. <i>Scientific Data</i> , 2020, 7, 94.	5.3	27
9	Using decision trees to predict benthic communities within and near the German Exclusive Economic Zone (EEZ) of the North Sea. <i>Environmental Monitoring and Assessment</i> , 2007, 136, 313-325.	2.7	24
10	A geomorphological seabed classification for the Weddell Sea, Antarctica. <i>Marine Geophysical Researches</i> , 2016, 37, 127-141.	1.2	24
11	Benthic meltwater fjord habitats formed by rapid glacier recession on King George Island, Antarctica. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170178.	3.4	21
12	Ensemble Modeling of Antarctic Macroalgal Habitats Exposed to Glacial Melt in a Polar Fjord. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	21
13	Default versus Configured-Geostatistical Modeling of Suspended Particulate Matter in Potter Cove, West Antarctic Peninsula. <i>Fluids</i> , 2020, 5, 235.	1.7	6
14	Modelling suspended particulate matter dynamics at an Antarctic fjord impacted by glacier melt. <i>Journal of Marine Systems</i> , 2022, 231, 103734.	2.1	6
15	Tidewater glacier retreat in Antarctica: The table is set for fast-growing opportunistic species, is it?. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 260, 107447.	2.1	5