

Mario Hoppmann

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

528
citations

687363

13
h-index

677142

22
g-index

48
all docs

48
docs citations

48
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the MOSAiC expedition: Snow and sea ice. <i>Elementa</i> , 2022, 10, .	3.2	91
2	The MOSAiC ice floe: sediment-laden survivor from the Siberian shelf. <i>Cryosphere</i> , 2020, 14, 2173-2187.	3.9	59
3	Overview of the MOSAiC expedition: Physical oceanography. <i>Elementa</i> , 2022, 10, .	3.2	54
4	Seasonal evolution of an ice-shelf influenced fast-ice regime, derived from an autonomous thermistor chain. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1703-1724.	2.6	31
5	Platelet ice, the Southern Ocean's hidden ice: a review. <i>Annals of Glaciology</i> , 2020, 61, 341-368.	1.4	30
6	Towards an estimation of sub-sea-ice platelet-layer volume with multi-frequency electromagnetic induction sounding. <i>Annals of Glaciology</i> , 2015, 56, 137-146.	1.4	22
7	Snow Depth and Air Temperature Seasonality on Sea Ice Derived From Snow Buoy Measurements. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	22
8	Ice platelets below Weddell Sea landfast sea ice. <i>Annals of Glaciology</i> , 2015, 56, 175-190.	1.4	21
9	A glimpse beneath Antarctic sea ice: Platelet layer volume from multifrequency electromagnetic induction sounding. <i>Geophysical Research Letters</i> , 2016, 43, 222-231.	4.0	21
10	Seasonality and timing of sea ice mass balance and heat fluxes in the Arctic transpolar drift during 2019-2020. <i>Elementa</i> , 2022, 10, .	3.2	21
11	Surface-based Ku- and Ka-band polarimetric radar for sea ice studies. <i>Cryosphere</i> , 2020, 14, 4405-4426.	3.9	18
12	Improved 1D inversions for sea ice thickness and conductivity from electromagnetic induction data: Inclusion of nonlinearities caused by passive bucking. <i>Geophysics</i> , 2016, 81, WA45-WA58.	2.6	17
13	Platelet Ice Under Arctic Pack Ice in Winter. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088898.	4.0	17
14	Thermodynamic and dynamic contributions to seasonal Arctic sea ice thickness distributions from airborne observations. <i>Elementa</i> , 2022, 10, .	3.2	15
15	New insights into radiative transfer within sea ice derived from autonomous optical propagation measurements. <i>Cryosphere</i> , 2021, 15, 183-198.	3.9	13
16	Estimation of thermodynamic and dynamic contributions to sea ice growth in the Central Arctic using ICESat-2 and MOSAiC SIMBA buoy data. <i>Remote Sensing of Environment</i> , 2021, 267, 112730.	11.0	13
17	Seasonal changes in sea ice kinematics and deformation in the Pacific sector of the Arctic Ocean in 2018/19. <i>Cryosphere</i> , 2021, 15, 1321-1341.	3.9	12
18	Seasonal and interannual variability of landfast sea ice in Atka Bay, Weddell Sea, Antarctica. <i>Cryosphere</i> , 2020, 14, 2775-2793.	3.9	12

#	ARTICLE	IF	CITATIONS
19	Insights Into Water Mass Origins in the Central Arctic Ocean From In-situ Dissolved Organic Matter Fluorescence. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017407.	2.6	9
20	The impact of early-summer snow properties on Antarctic landfast sea-ice X-band backscatter. <i>Annals of Glaciology</i> , 2015, 56, 263-273.	1.4	8
21	Biogeochemical and ecological variability during the late summer-early autumn transition at an ice-floe drift station in the Central Arctic Ocean. <i>Limnology and Oceanography</i> , 2021, 66, S363.	3.1	5
22	From Bright Windows to Dark Spots: Snow Cover Controls Melt Pond Optical Properties During Refreezing. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095369.	4.0	5
23	Measurements of 540-1740 MHz Brightness Temperatures of Sea Ice During the Winter of the MOSAiC Campaign. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-11.	6.3	4
24	Larval dispersal and recruitment of benthic invertebrates in the Arctic Ocean. <i>Progress in Oceanography</i> , 2022, 203, 102776.	3.2	2
25	Manual Recovery of a Sea Ice Based Ocean Profiler. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	1