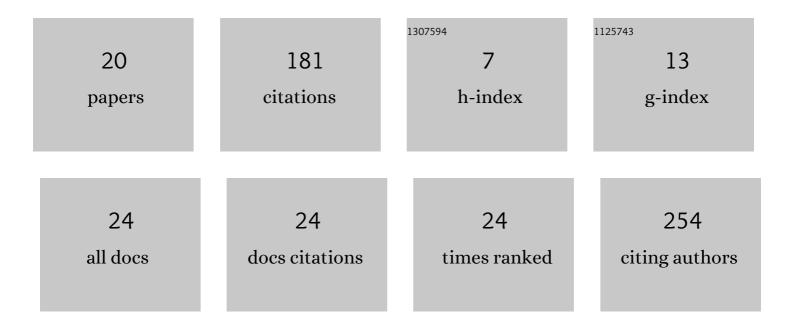


List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Overview of the MOSAiC expedition: Physical oceanography. Elementa, 2022, 10, . | 3.2 | 54 |
| 2 | Assessment of the Atlantic water layer in the Arctic Ocean in CMIP5 climate models. Climate Dynamics, 2019, 53, 5279-5291. | 3.8 | 23 |
| 3 | Step-by-Step Validation of Antarctic ASI AMSR-E Sea-Ice Concentrations by MODIS and an Aerial Image. IEEE Transactions on Geoscience and Remote Sensing, 2020, , 1-12. | 6.3 | 19 |
| 4 | Trends and spatial variation in rain-on-snow events over the Arctic Ocean during the early melt season. Cryosphere, 2021, 15, 883-895. | 3.9 | 15 |
| 5 | A study on the dynamic tie points ASI algorithm in the Arctic Ocean. Acta Oceanologica Sinica, 2015, 34, 126-135. | 1.0 | 14 |
| 6 | Dual-polarized ratio algorithm for retrieving Arctic sea ice concentration from passive microwave brightness temperature. Journal of Oceanography, 2013, 69, 215-227. | 1.7 | 11 |
| 7 | A New Algorithm for Sea Ice Melt Pond Fraction Estimation From Highâ€Resolution Optical Satellite Imagery. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015716. | 2.6 | 11 |
| 8 | A study of multiyear ice concentration retrieval algorithms using AMSR-E data. Acta Oceanologica Sinica, 2015, 34, 102-109. | 1.0 | 8 |
| 9 | Trends, abrupt shifts and interannual variability of the Arctic Wintertime Seasonal Sea Ice from 1979 to 2019. Annals of Glaciology, 2020, 61, 441-453. | 1.4 | 7 |
| 10 | Warming and depth convergence of the Arctic Intermediate Water in the Canada Basin during 1985–2006. Acta Oceanologica Sinica, 2012, 31, 46-54. | 1.0 | 3 |
| 11 | Mechanism of an Abrupt Decrease in Sea-Ice Cover in the Pacific Sector of the Arctic during the Late 1980s. Atmosphere - Ocean, 2014, 52, 434-445. | 1.6 | 3 |
| 12 | An evaluation of the simulations of the Arctic Intermediate Water in climate models and reanalyses. Acta Oceanologica Sinica, 2014, 33, 1-14. | 1.0 | 2 |
| 13 | Variability in Sea Ice Melt Onset in the Arctic Northeast Passage: Seesaw of the Laptev Sea and the East Siberian Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016985. | 2.6 | 2 |
| 14 | Modeling Arctic Intermediate Water: The effects of Neptune parameterization and horizontal resolution. Advances in Polar Science, 2014, 24, 98-105. | 0.3 | 2 |
| 15 | Melt Pond Retrieval Based on the LinearPolar Algorithm Using Landsat Data. Remote Sensing, 2021, 13, 4674. | 4.0 | 2 |
| 16 | Retrieval and Validation of Sea Ice Concentration from AMSR-E/AMSR2 in Polar Regions. , 2018, , . | | 1 |
| 17 | Analysis and comparison of heat flux of landfast ice during 2016 in the Prydz Bay, Antarctica. Acta Oceanologica Sinica, 2021, 40, 71-79. | 1.0 | 1 |
| 18 | Retrieval of Arctic Sea Ice Surface Melt Onset In 2016 From FY-3B/MWRI Data. , 2020, , . | | 1 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Arctic sea ice concentration retrieval using the DT-ASI algorithm based on FY-3B/MWRI data. Acta Oceanologica Sinica, 2021, 40, 176-188. | 1.0 | 1 |
| 20 | Assessment of AMSR-E sea ice concentration in ice margin zone using MODIS data. , 2011, , . | | 0 |