

Publication list of Johan Nilsson
Department of Meteorology, Stockholm University

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1. Wiskandt, J., I. M. Koszalka, and **Nilsson, J.**, 2023: Basal melt rates and ocean circulation under the Ryder Glacier ice tongue and their response to climate warming: a high resolution modelling study. *The Cryosphere*, **17** 2755–2777.
2. **Nilsson, J.**, E. van Dongen, M. Jakobsson, M. O'Regan, C. Stranne, C., 2023: Hydraulic suppression of basal glacier melt in sill fjords. *The Cryosphere*, **17** 2455–2476.
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5. Kondetharayil Soman, A., L. Chafik, and **J. Nilsson**, 2022: Linking coherent anticyclonic eddies in the Iceland Basin to decadal oceanic variability in the Subpolar North Atlantic. *Journal of Geophysical Research, Oceans*, **127**, e2021JC018046.
6. Broomé, S., L. Chafik, and **J. Nilsson**, 2021: A Satellite-Based Lagrangian Perspective on Atlantic Water Fractionation Between Arctic Gateways. *Journal of Geophysical Research, Oceans*, **126** (11), e2021JC017248
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10. Broomé, S., L. Chafik, and **J. Nilsson**, 2020: Mechanisms of the time-varying sea surface height and heat content trends in the eastern Nordic Seas. *Ocean Science*, **16**, 715–728.
11. Jakobsson, M., L. A. Mayer, **J. Nilsson**, and co-authors, 2020: Ryder Glacier in north-west Greenland is shielded from warm Atlantic water by a bathymetric sill. *Communications Earth & Environment*, **1**, 45, doi: 10.1038/s43247-020-00043-0
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