

Authors	Title	Link
Lorenzo Zampieri, David Clemens-Sewall, Anne Sledd, Nils Hutter, Marika Holland	Modeling the Winter Heat Conduction Through the Sea Ice System During MOSAiC	https://doi.org/10.1029/2023GL106760
Karl-Erich Lindenschmidt	Ice-Cover Monitoring	https://doi.org/10.1007/978-3-031-49088-0_3
Benjamin Rabe, Christopher J. Cox, Ying-Chih Fang, Helge Goessling, Mats A. Granskog, Mario Hoppmann, Jennifer K. Hutchings, Thomas Krumpen, Ivan Kuznetsov, Ruibo Lei, Tao Li, Wieslaw Maslowski, Marcel Nicolaus, Don Perovich, Ola Persson, Julia Regnery, Ignatius Rigor, Matthew D. Shupe, Vladimir Sokolov, Gunnar Spreen, Tim Stanton, Daniel M. Watkins, Ed Blockley, H. Jakob Buenger, Sylvia Cole, Allison Fong, Jari Haapala, Céline Heuzé, Clara J. M. Hoppe, Markus Janout, Arttu Jutila, Christian Katlein, Richard Krishfield, Long Lin, Valentin Ludwig, Anne Morgenstern, Jeff O'Brien, Alejandra Quintanilla Zurita, Thomas Rackow, Kathrin Riemann-Campe, Jan Rohde, William Shaw, Vasily Smolyanitsky, Amy Solomon, Anneke Sperling, Ran Tao, John Toole, Michel Tsamados, Jialiang Zhu, Guangyu Zuo	The MOSAiC Distributed Network: Observing the coupled Arctic system with multidisciplinary, coordinated platforms	https://doi.org/10.1525/elementa.2023.00103
A Preußer, T Krumpen, M Nicolaus	Interannual variability of snow and ice thickness across the Transpolar Drift as derived from drifting sea ice mass balance buoys	https://epic.awi.de/id/eprint/58769/1/29-01-2024_Preusser_Andreas.pdf

Luisa von Albedyll, Jan M. Kubiczek, Christian Haas, Franz von Bock und Polach	ARCTIC AND ANTARCTIC SEA ICE - THICKNESS VARIABILITY AND CHANGE, ICE LOADS, AND NAVIGABILITY	https://epic.awi.de/id/eprint/58238/1/Charcot23_ARICE_Cruise_report.pdf
Desjonquères, T., Eriksson, L. E. B., Johansson, M., Demchev, D., Karlsen, T., Vihma, T., and Cheng, B	Sea ice drift and wave pattern analysis of the early melt onset during the ARTofLMELT cruise 2023	https://doi.org/10.5194/egusphere-egu24-12340
Meng Qu, Ruibo Lei, Yue Liu, Na Li	Arctic Sea ice leads detected using sentinel-1B SAR image and their responses to atmosphere circulation and sea ice dynamics	https://doi.org/10.1016/j.rse.2024.14193
Mathieu Plante, Jean-François Lemieux, L. Bruno Tremblay, Adrienne Tivy, Joey Angnatok, François Roy, Gregory Smith, Frédéric Dupont, and Adrian K. Turner	Using Icepack to reproduce ice mass balance buoy observations in landfast ice: improvements from the mushy-layer thermodynamics	https://doi.org/10.5194/tc-18-1685-2024
Anne Sledd, Matthew D. Shupe, Amy Solomon, Christopher J. Cox, Donald Perovich, Ruibo Lei	Snow thermal conductivity and conductive flux in the Central Arctic: Estimates from observations and implications for models	https://doi.org/10.1525/elementa.2023.00086
Yurii Batrak, Bin Cheng, and Viivi Kallio-Myers	Sea ice cover in the Copernicus Arctic Regional Reanalysis	https://doi.org/10.5194/tc-18-1157-2024
Pratiksha D. Deshmukh, Jenson V. George, Ravidas K. Naik, Shramik M. Patil, Melena A. Soares, Ajay Bhadran, N. Anilkumar	Phytoplankton community structure during the melting phase of the land-fast ice in Prydz Bay, east Antarctica	https://doi.org/10.1016/j.polar.2024.101046
Zeliang Liao, Yubing Cheng, Ying Jiang, Mengmeng Li, Bin Cheng & Stein Sandven	Ice bottom evolution derived from thermistor string-based ice mass balance buoy observations	https://doi.org/10.1080/17538947.2023.2242326
Felix Pithan, Marylou Athanase, Sandro Dahlke, Antonio Sánchez-Benítez, Matthew D. Shupe, Anne Sledd, Jan Streffing, Gunilla Svensson, and Thomas Jung	Nudging allows direct evaluation of coupled climate models with in situ observations: a case study from the MOSAiC expedition	https://doi.org/10.5194/gmd-16-1857-2023
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Ashley Dubnick, Benoit Turcotte, Mederic Girard, and Stephanie Saal	Controls on aufeis formation: lessons from a small Yukon stream	https://d3ijlhudpq9yjw.cloudfront.net/c1ace4c5-cf57-410f-bd74-6d1ded3fc30d.pdf
Michael Lynch, Jerry English, Dustin Dewar, and Kyle Little	Remotely Monitoring NWT Ice Road Thickness with SIMBA and Beadedstream Dataloggers and Thermistor Sensors	https://d3ijlhudpq9yjw.cloudfront.net/52876bd0-8808-42ba-b3a7-837477c0b039.pdf

Arash Rafat and Homa Kheyrollah Pour	Monitoring the formation and growth of lake ice under heavy snowfall	https://d3jilhudpq9yjw.cloudfront.net/35338646-6fa7-445d-a5e0-fb0d368faad9.pdf
Evgenii Salganik, Benjamin A. Lange, Polona Itkin, Dmitry Divine, Christian Katlein, Marcel Nicolaus, Mario Hoppmann, Niklas Neckel, Robert Ricker, Knut V. Høyland, Mats A. Granskog	Different mechanisms of Arctic first-year sea-ice ridge consolidation observed during the MOSAiC expedition	https://doi.org/10.1525/elementa.2023.00008
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Zeyu Liang, Qing Ji, Xiaoping Pang, Pei Fan, Xuedong Yao, Yizhuo Chen, Ying Chen and Zhongnan Yan	Estimation of Daily Arctic Winter Sea Ice Thickness from Thermodynamic Parameters Using a Self-Attention Convolutional Neural Network	https://doi.org/10.3390/rs1507188
Haili Li, Chang-Qing Ke, Qinghui Zhu, Xiaoyi Shen	Improving snow depth simulations on Arctic Sea ice by assimilating a passive microwave-derived record	https://doi.org/10.1016/j.coldregions.2023.103929
Qinghua Yang, Yongwu Xiu, Hao Luo, Jinfei Wang, Jack Christopher Landy, Mitchell Bushuk, Yiguo Wang, Jiping Liu and Dake Chen	Better synoptic and subseasonal sea ice thickness predictions are urgently required: a lesson learned from the YOPP data validation	https://iopscience.iop.org/article/10.1088/1748-9326/acdcaa/meta
Angela C. Bliss, Jennifer K. Hutchings & Daniel M. Watkins	Sea ice drift tracks from autonomous buoys in the MOSAiC Distributed Network	https://doi.org/10.1038/s41597-023-02311-y
Arash Rafat, Homa Kheyrollah Pour, Christopher Spence, Michael J. Palmer, Alex MacLean	An analysis of ice growth and temperature dynamics in two Canadian subarctic lakes	https://doi.org/10.1016/j.coldregions.2023.103808
Na Li, Ruibo Lei, Petra Heil, Bin Cheng, Minghu Ding, Zhongxiang Tian, and Bingrui Li	Seasonal and interannual variability of the landfast ice mass balance between 2009 and 2018 in Prydz Bay, East Antarctica	https://doi.org/10.5194/tc-17-917-2023
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