Resource Summary Report

Generated by NIF on May 23, 2025

ARCTIC

RRID:SCR_005989
Type: Tool

Proper Citation

ARCTIC (RRID:SCR_005989)

Resource Information

URL: http://www.nitrc.org/projects/arctic

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Description: An end-to-end application allowing individual regional analysis of cortical thickness. This cross-platform tool can be run within Slicer3 as an external module, or directly as a command line. * Operating System: MacOS, Linux * Programming Language: C++ * Supported Data Format: ANALYZE, Nrrd, Other Format * build requires: Insight Toolkit

Abbreviations: ARCTIC

Synonyms: Automatic Regional Cortical ThICkness

Resource Type: data processing software, workflow software, software application, software resource, image analysis software

Keywords: workflow, regional analysis, cortical thickness, magnetic resonance

Funding:

Availability: BSD License

Resource Name: ARCTIC

Resource ID: SCR_005989

Alternate IDs: nlx_151366

Record Creation Time: 20220129T080233+0000

Record Last Update: 20250523T054509+0000

Ratings and Alerts

No rating or validation information has been found for ARCTIC.

No alerts have been found for ARCTIC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1580 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Tao C, et al. (2025) Cloud radiative effect dominates variabilities of surface energy budget in the dark Arctic. Scientific reports, 15(1), 2976.

Haapaniemi H, et al. (2025) Genetic analysis implicates ERAP1 and HLA as risk factors for severe Puumala virus infection. Human molecular genetics, 34(1), 77.

Doloisio N, et al. (2025) Exploring community resilience through Arctic residents' narratives in the Republic of Sakha (Russia). Ambio, 54(1), 135.

Hayoun Y, et al. (2025) Healthcare delivery in the arctic-telehealth prospects. International journal of circumpolar health, 84(1), 2438429.

Lee YR, et al. (2025) Comprehensive Approach for Sequential MALDI-MSI Analysis of Lipids, N-Glycans, and Peptides in Fresh-Frozen Rodent Brain Tissues. Analytical chemistry, 97(2), 1338.

Torn MS, et al. (2025) Large emissions of CO2 and CH4 due to active-layer warming in Arctic tundra. Nature communications, 16(1), 124.

Yan X, et al. (2025) Asynchronicity of deglacial permafrost thawing controlled by millennial-scale climate variability. Nature communications, 16(1), 290.

Gustafson M, et al. (2025) Gyrfalcon Prey Abundance and Their Habitat Associations in a Changing Arctic. Ecology and evolution, 15(1), e70763.

Keyvan E, et al. (2025) Novel Photodynamic Inactivation Strategy for Salmonella Enteritidis PT4 on Eggshells: Exploiting the Antimicrobial Potential of Curcumin and Carvacrol. Veterinary medicine and science, 11(1), e70135.

Stewart JA, et al. (2025) Delayed onset of ocean acidification in the Gulf of Maine. Scientific reports, 15(1), 2039.

Rivas MDG, et al. (2025) Climate change heterogeneity: A new quantitative approach. PloS one, 20(1), e0317208.

Tingstad A, et al. (2025) Divergent trajectories of Arctic change: Implications for future socio-economic patterns. Ambio, 54(2), 239.

Petit Bon M, et al. (2025) Goose grubbing and warming suppress summer net ecosystem CO2 uptake differentially across high-Arctic tundra habitats. Ecology, 106(1), e4498.

Klingstedt T, et al. (2025) Dual-ligand fluorescence microscopy enables chronological and spatial histological assignment of distinct amyloid-? deposits. The Journal of biological chemistry, 301(1), 108032.

Kim J, et al. (2025) Methane trapping in permafrost soils: a biogeochemical dataset across Alaskan boreal-Arctic gradient. Scientific data, 12(1), 110.

Berns-Herrboldt EC, et al. (2025) Dynamic soil columns simulate Arctic redox biogeochemistry and carbon release during changes in water saturation. Scientific reports, 15(1), 3093.

Bonzanni M, et al. (2025) Adenosine deficiency facilitates CA1 synaptic hyperexcitability in the presymptomatic phase of a knockin mouse model of Alzheimer disease. iScience, 28(1), 111616.

Fertan E, et al. (2025) Clearance of beta-amyloid and tau aggregates is size dependent and altered by an inflammatory challenge. Brain communications, 7(1), fcae454.

Cameron E, et al. (2025) High Arctic lakes reveal accelerating ecological shifts linked to twenty-first century warming. Scientific reports, 15(1), 77.

English WB, et al. (2025) The Influence of Migration Timing and Local Conditions on Reproductive Timing in Arctic-Breeding Birds. Ecology and evolution, 15(1), e70610.