

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Mercator

RRID:SCR_014493

Type: Tool

Proper Citation

Mercator (RRID:SCR_014493)

Resource Information

URL: <http://www.exploranova.com/products/mercator/>

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Description: A software package for quantification of histological sections. This software performs functions including: management and analysis of regions of interest, annotations, statistical analysis, and 3D visualization. These results are edited in an Excel-compatible spreadsheet.

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

Keywords: histology analysis, image analysis, statistical analysis, 3d visualization, excel

Availability: Commercial

Resource Name: Mercator

Resource ID: SCR_014493

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260829T182449+0000

Ratings and Alerts

No rating or validation information has been found for Mercator.

No alerts have been found for Mercator.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 692 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Sun H, et al. (2026) A study on the coupling mechanism between the urban environment and depression perception based on deep learning and street view image. *Scientific reports*, 16(1), 5856.

Pal D, et al. (2026) Integrative transcriptome and genome resequencing reveals conserved flowering regulators and allelic variants in early- and late-flowering linseed (*Linum usitatissimum* L.) accessions. *Scientific reports*, 16(1).

Vriends MBL, et al. (2026) Oseltamivir aziridines are potent influenza neuraminidase inhibitors and imaging agents. *Proceedings of the National Academy of Sciences of the United States of America*, 123(13), e2504045123.

Mooring TA, et al. (2026) Resonant Rossby wave mechanism for extreme weather performs poorly in simple model test. *Science advances*, 12(17), eadp3054.

Demesa-Arevalo E, et al. (2026) Imputation integrates single-cell and spatial gene expression data to resolve transcriptional networks in barley shoot meristem development. *Nature plants*, 12(1), 107.

Broncano F, et al. (2026) Analysis of the movement of permanent GNSS stations in Spain with directional statistics. *Scientific reports*, 16(1).

Bawin T, et al. (2026) Phytochrome-mediated light perception in dodders drives haustorium development through epigenetic mechanisms. *Plant & cell physiology*, 67(4), 685.

Lüthje S, et al. (2026) Cellular Responses of Maize Roots to Long-Term Cadmium Exposure: Adjustments of Class III Peroxidases, Plasma Membrane and Tonoplast Sub-Proteomes. *Proteomes*, 14(1).

Pavón-Vázquez CJ, et al. (2026) Integrating Genomics, Collections, and Community Science to Delimit Species Clarifies the Taxonomy of a Variable Monitor Lizard (*Varanus tristis*). *Systematic biology*, 75(3), 468.

Santoro DF, et al. (2026) Traversing the effects of ploidy changes in different *Eragrostis curvula* genotypes through high-throughput RNA sequencing. *The plant genome*, 19(2), e70227.

Scott R, et al. (2026) Characterizing multimorbidity and the risk for hospitalization among people living with HIV from the African Cohort Study. *BMC global and public health*, 4(1).

Nowak BVR, et al. (2026) Endangered bowhead whales might buffer climate change with individual variability in movement patterns. *Scientific reports*, 16(1), 6309.

Yuan HY, et al. (2026) Transcriptomic analyses reveal regulatory plasticity and metabolic reprogramming underlying genotype-specific microspore embryogenesis in wheat. *Plant*

cell reports, 45(2), 51.

Garcia LE, et al. (2026) Genomic Footprints of Multiple Host Lineages in the Mitochondrial and Nuclear Genomes of the Holoparasite *Prosopanche americana*. *Plants* (Basel, Switzerland), 15(7).

Zhang T, et al. (2026) A vessel trajectory similarity measurement and clustering method based on multi-modal convolutional auto-encoder algorithm. *Scientific reports*, 16(1).

Di Miceli M, et al. (2026) Geospatial Visualisation of Distance to General Practitioner Facilities with Population Density Patterns in the United Kingdom. *Epidemiologia* (Basel, Switzerland), 7(3).

Vivek AT, et al. (2026) Integrative multi-omics analysis widens annotation and functional insights into long non-coding RNAs of *Arabidopsis thaliana*. *Biology direct*, 21(1), 14.

Podio M, et al. (2026) Leaf transcriptome differences between diploid and tetraploid bahiagrass. *The plant genome*, 19(1), e70212.

Zubelzu M, et al. (2026) Sex-Dependent Dynamics of Behavioural and Neuropathological Changes in an A53T Alpha-Synuclein Mouse Model of Parkinson's Disease. *Cellular and molecular neurobiology*, 46(1).

Vieira L, et al. (2026) A multiresolution weather dataset for the Southwestern South Atlantic (2017-2018). *Scientific data*, 13(1).