Resource Summary Report

Generated by dkNET on Apr 19, 2025

LocaliZoom

RRID:SCR_023481
Type: Tool

Proper Citation

LocaliZoom (RRID:SCR_023481)

Resource Information

URL: https://www.nitrc.org/projects/localizoom/

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Description: Web application for displaying high resolution image series coupled with overlaid atlas delineations. Online pan and zoom type viewer with three operating modes including Display series with atlas overlay;Create or edit nonlinear alignments; Create markup which can be exported as MeshView point clouds or to Excel for further numerical analysis.

Resource Type: web application, software resource

Keywords: Nonlinear refinement, 2D, 3D, registration, quantitative analysis, residual anatomical variability, high resolution image series, overlaid atlas delineations,

Funding: EU Horizon 2020 Framework Partnership Agreement No. 650003 (HBP FPA)

Availability: Free, Available for download, Freely available

Resource Name: LocaliZoom

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Alternate URLs: https://localizoom.readthedocs.io, https://tevemadar.github.io/LocaliZoom/, https://github.com/Tevemadar/LocaliZoom, https://github.com/Neural-Systems-at-UIO/LocaliZoom

License: MIT license

Record Creation Time: 20230421T050214+0000

Record Last Update: 20250418T055645+0000

Ratings and Alerts

No rating or validation information has been found for LocaliZoom.

No alerts have been found for LocaliZoom.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Øvsthus M, et al. (2024) Spatially integrated cortico-subcortical tracing data for analyses of rodent brain topographical organization. Scientific data, 11(1), 1214.

Blixhavn CH, et al. (2024) The Locare workflow: representing neuroscience data locations as geometric objects in 3D brain atlases. Frontiers in neuroinformatics, 18, 1284107.

Reiten I, et al. (2023) The efferent connections of the orbitofrontal, posterior parietal, and insular cortex of the rat brain. Scientific data, 10(1), 645.