

Resource Summary Report

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Inspector

RRID:SCR_018863

Type: Tool

Proper Citation

Inspector (RRID:SCR_018863)

Resource Information

URL: <https://inspectordocs.readthedocs.io/en/latest/intro.html>

Proper Citation: Inspector (RRID:SCR_018863)

Description: Software tool for real time analysis and data visualization. Software system for experimental control and quantitative data analysis in microscopy and spectroscopy. Integration of data processing and acquisition allows real time analysis and visualization of experimental results.

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

Keywords: Data analysis, real time data, visualization, quantitative analysis, microscopy, spectroscopy

Availability: Free, Freely available

Resource Name: Inspector

Resource ID: SCR_018863

Alternate URLs:

<https://github.com/AbberiorInstruments/InspectorDocs/blob/master/docs/intro.rst>,
<https://inspector.abberior-instruments.com/>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260919T195359+0000

Ratings and Alerts

No rating or validation information has been found for Inspector.

No alerts have been found for Inspector.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 85 mentions in open access literature.

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

Zwierzynski JB, et al. (2026) 3D imaging of the pregnant uterus reveals an extensively invasive mouse placenta and early CXCL12-CXCR4 requirement. *bioRxiv : the preprint server for biology*.

Garcia CC, et al. (2026) Beta cell-derived cholecystokinin drives obesity-associated pancreatic adenocarcinoma development. *Nature communications*, 17(1).

Mo X, et al. (2026) Collagen hybridizing peptide imaging and delivery of therapeutic antibody in rheumatoid arthritis models. *Nature communications*, 17(1).

Brettmacher M, et al. (2026) Registration-based 3D Light Sheet Fluorescence Microscopy and 2D histology image fusion tool for pathological specimen. *Scientific reports*, 16(1).

Alvelid J, et al. (2026) Smart event-triggered MINFLUX microscopy to catch and follow rare events. *Nature communications*, 17(1).

Clemen CS, et al. (2026) MALICoT: A pilot cross-sectional study analyzing the effects of power training and age on endomysium content and fiber area in the soleus muscle of adult males. *Physiological reports*, 14(11), e70933.

Coceano G, et al. (2026) Quantitative optical nanoscopy of mitochondrial-derived vesicles in neurons classifies pre-peroxisomal and clearing organelles. *Nature communications*, 17(1), 419.

Hendgen-Cotta UB, et al. (2026) Reverse engineering of BNIP3 identifies a mitochondrial protective peptide. *Nature communications*, 17(1).

Liu Z, et al. (2026) Vagal blood volume receptors compensate for haemorrhage and posture change. *Nature*, 651(8107), 1068.

Feetham CH, et al. (2026) Analog of prolactin-releasing peptide reduces body weight primarily through sustained fatty acid oxidation rather than hypophagia. *Cell metabolism*, 38(1), 100.

Choi T, et al. (2026) 3D imaging with enhanced transparency, signal-to-background ratios, and antigen detection using HyPer-3D. *Cell reports methods*, 6(4), 101375.

Griswold JM, et al. (2025) Membrane mechanics dictate axonal pearls-on-a-string morphology and function. *Nature neuroscience*, 28(1), 49.

Ogunmowo TH, et al. (2025) Intersectin and endophilin condensates prime synaptic vesicles for release site replenishment. *Nature neuroscience*, 28(8), 1649.

Hélie-Legoupil P, et al. (2025) In vivo imaging of the barrier properties of the glia limitans during health and neuroinflammation. *Nature communications*, 16(1), 8895.

Vega MR, et al. (2025) Transferrin receptor-binding blood-brain barrier shuttle enhances brain delivery and plaque-clearing efficacy of a therapeutic anti-A β antibody. *Fluids and barriers of the CNS*, 22(1), 121.

Boulat V, et al. (2025) Protocol for rapid 5-plex 3D imaging and single-cell analysis of immune responses in whole murine lymph nodes. *STAR protocols*, 6(3), 104059.

Hirabayashi Y, et al. (2024) Most axonal mitochondria in cortical pyramidal neurons lack mitochondrial DNA and consume ATP. *bioRxiv : the preprint server for biology*.

Schappe MS, et al. (2024) A vagal reflex evoked by airway closure. *Nature*, 627(8005), 830.

Daigre J, et al. (2024) Preclinical Evaluation of Novel Folate Receptor 1-Directed CAR T Cells for Ovarian Cancer. *Cancers*, 16(2).

Mai H, et al. (2024) Whole-body cellular mapping in mouse using standard IgG antibodies. *Nature biotechnology*, 42(4), 617.