

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

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

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: 20260729T044446+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 75 mentions in open access literature.

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

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.

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

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

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.

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.

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.

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

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

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

Schipka R, et al. (2024) Characterization of two different alginate-based bioinks and the influence of melanoma growth within. *Scientific reports*, 14(1), 12945.

Düdükçü Ö, et al. (2024) Molecular diversity and migration of GABAergic neurons in the developing ventral midbrain. *iScience*, 27(11), 111239.

Ishikawa-Ankerhold H, et al. (2024) Novel multiphoton intravital imaging enables real-time study of *Helicobacter pylori* interaction with neutrophils and macrophages in the mouse stomach. *PLoS pathogens*, 20(9), e1012580.

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

Glass MR, et al. (2023) Cross-site reproducibility of human cortical organoids reveals consistent cell type composition and architecture. *bioRxiv : the preprint server for biology*.

Mulhall EM, et al. (2023) Direct observation of the conformational states of PIEZO1. *Nature*, 620(7976), 1117.

Velicky P, et al. (2023) Dense 4D nanoscale reconstruction of living brain tissue. *Nature methods*, 20(8), 1256.

Schuettpeitz J, et al. (2023) The role of the mitochondrial outer membrane protein SLC25A46 in mitochondrial fission and fusion. *Life science alliance*, 6(6).

Mothes R, et al. (2023) Distinct tissue niches direct lung immunopathology via CCL18 and CCL21 in severe COVID-19. *Nature communications*, 14(1), 791.

Gallucci L, et al. (2023) Tissue-like environments shape functional interactions of HIV-1 with immature dendritic cells. *EMBO reports*, 24(6), e56818.

Liu H, et al. (2023) Multiphoton In Vivo Microscopy of Embryonic Thrombopoiesis Reveals the Generation of Platelets through Budding. *Cells*, 12(19).