

Resource Summary Report

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NIS-Elements

RRID:SCR_014329

Type: Tool

Proper Citation

NIS-Elements (RRID:SCR_014329)

Resource Information

URL: <https://www.nikoninstruments.com/Products/Software>

Proper Citation: NIS-Elements (RRID:SCR_014329)

Description: Microscope imaging software suite used with Nikon products. NIS-Elements includes software applications for advanced and standard research, documentation, confocal microscopy, and high-content analysis.

Synonyms: Nikon Instruments Software Elements, NIS Elements, Nikon Instruments Software

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

Keywords: element, microscope imaging software, software suite, nikon

Funding:

Availability: Pay for product, Only for Nikon products

Resource Name: NIS-Elements

Resource ID: SCR_014329

Record Creation Time: 20220129T080320+0000

Record Last Update: 20250401T061105+0000

Ratings and Alerts

No rating or validation information has been found for NIS-Elements.

No alerts have been found for NIS-Elements.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3211 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Xia F, et al. (2025) The immune checkpoint molecule B7-H4 regulates β -cell mass and insulin secretion by modulating cholesterol metabolism through Stat5 signalling. *Molecular metabolism*, 91, 102069.

Cabrera-Reyes F, et al. (2025) SNX5 promotes antigen presentation in B cells by dual regulation of actin and lysosomal dynamics. *Life science alliance*, 8(1).

Vávrová P, et al. (2025) The appropriate nutrient conditions for methicillin-resistant *Staphylococcus aureus* and *Candida albicans* dual-species biofilm formation in vitro. *Scientific reports*, 15(1), 183.

Rogacka D, et al. (2025) Involvement of ADAM17-Klotho Crosstalk in High Glucose-Induced Alterations of Podocyte Function. *International journal of molecular sciences*, 26(2).

Kasi SR, et al. (2025) In vitro cytotoxicity (irritant potency) of toothpaste ingredients. *PloS one*, 20(1), e0318565.

Joris V, et al. (2025) miR-125b differentially impacts mineralization in dexamethasone and calcium-treated human mesenchymal stem cells. *Molecular therapy. Nucleic acids*, 36(1), 102446.

Elowsky C, et al. (2025) Confocal Laser Scanning Microscopy as a Method for Identifying Variation in Puparial Morphology and Establishing Characters for Taxonomic Determination. *Insects*, 16(1).

Pang Y, et al. (2025) Single-cell transcriptome atlas of lamprey exploring Natterin- induced white adipose tissue browning. *Nature communications*, 16(1), 752.

Xiong Y, et al. (2025) Protein palmitoylation is involved in regulating mouse sperm motility via the signals of calcium, protein tyrosine phosphorylation and reactive oxygen species. *Biological research*, 58(1), 3.

Kim A, et al. (2025) Mice deficient in TWIK-1 are more susceptible to kainic acid-induced

seizures. *iScience*, 28(1), 111587.

De Beuckeleer S, et al. (2025) Unbiased identification of cell identity in dense mixed neural cultures. *eLife*, 13.

Alves Domingos H, et al. (2025) The kinetochore protein KNL-1 regulates the actin cytoskeleton to control dendrite branching. *The Journal of cell biology*, 224(2).

Wang L, et al. (2025) The Construction of a Standard Karyotype of Intermediate Wheatgrass and Its Potential Progenitor Species. *Plants (Basel, Switzerland)*, 14(2).

Jha A, et al. (2025) CD44 and Ezrin restrict EGF receptor mobility to generate a novel spatial arrangement of cytoskeletal signaling modules driving bleb-based migration. *bioRxiv : the preprint server for biology*.

Hassan MA, et al. (2025) Gelatin Nanoemulsion-Based Co-Delivery of Terbinafine and Essential Oils for Treatment of *Candida albicans* Biofilms. *Microorganisms*, 13(1).

Otsuka Y, et al. (2025) Improved ion detection sensitivity in mass spectrometry imaging using tapping-mode scanning probe electrospray ionization to visualize localized lipids in mouse testes. *Analytical and bioanalytical chemistry*, 417(2), 275.

Lei JT, et al. (2025) Patient-Derived Xenografts of Triple-Negative Breast Cancer Enable Deconvolution and Prediction of Chemotherapy Responses. *bioRxiv : the preprint server for biology*.

Römpp A, et al. (2025) The clinical-stage drug BTZ-043 accumulates in murine tuberculosis lesions and efficiently acts against *Mycobacterium tuberculosis*. *Nature communications*, 16(1), 826.

Wang Y, et al. (2025) Adaptive immune cells antagonize ILC2 homeostasis via SLAMF3 and SLAMF5. *Science advances*, 11(2), eadp9894.

Shpitzen S, et al. (2025) Characterization of LTBP2 mutation causing mitral valve prolapse. *European heart journal open*, 5(1), oea106.