Resource Summary Report

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Analyze Software System

RRID:SCR_005988
Type: Tool

Proper Citation

Analyze Software System (RRID:SCR_005988)

Resource Information

URL: https://analyzedirect.com/

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Description: Software toolkit for the visualization, segmentation, registration and analysis of multidimensional biomedical imaging data. With Analyze, both anatomic structure and associated function can be studied and fused together for synergistic display and measurement of important structure-to-function relationships.

Synonyms: Analyze Software, Analyzedirect Software, Analyze

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

Keywords: mesh generation, volumetric analysis, registration, resampling, tractography, image display, rendering, platform environment, development environment, neuroimaging

Availability: Commercially available, Trial available

Resource Name: Analyze Software System

Resource ID: SCR_005988

Alternate IDs: nif-0000-00263

Alternate URLs: http://www.mayo.edu/bir/Software/Analyze/Analyze.html; https://www.nitrc.org/projects/analyze/

License: Node-Locked License, Dongle License, Floating License

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Record Last Update: 20260808T185851+0000

Ratings and Alerts

No rating or validation information has been found for Analyze Software System.

No alerts have been found for Analyze Software System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Lim EY, et al. (2026) Hand Grip Strength Predicts Cognitive Decline in Subjective Cognitive Decline: 2-Year Follow-up Results. Journal of Korean medical science, 41(3), e36.

Wan L, et al. (2026) High systolic blood pressure variability is associated with impaired cerebral autoregulation and poor functional recovery after intracerebral hemorrhage. Scientific reports, 16(1).

Wang Z, et al. (2026) Island Sign on Computed Tomography Is Associated With Cerebral Amyloid Angiopathy in Patients With Intracerebral Hemorrhage. Journal of the American Heart Association, 15(2), e045558.

Robinson MJ, et al. (2026) N-of-1 tissue activation modeling reveals regional subthalamic stimulation predicting verbal fluency decline in Parkinson disease. Journal of neural transmission (Vienna, Austria : 1996), 133(7), 1471.

Mun JY, et al. (2025) CDK12 regulates cellular metabolism to promote glioblastoma growth. JCI insight, 10(21).

Pirwass A, et al. (2025) Automatability and validity of methods for the quantification of intra-/Intermuscular adipose tissue in conventional MRI: a systematic review. BMC medical imaging, 25(1), 499.

Azuma K, et al. (2024) EBAG9-deficient mice display decreased bone mineral density with suppressed autophagy. iScience, 27(2), 108871.

Foster M, et al. (2024) Comparative anatomy of the caudate nucleus in canids and felids: Associations with brain size, curvature, cross-sectional properties, and behavioral ecology. The Journal of comparative neurology, 532(5), e25618.

Jullienne A, et al. (2023) Cortical cerebrovascular and metabolic perturbations in the 5xFAD mouse model of Alzheimer's disease. Frontiers in aging neuroscience, 15, 1220036.

Vincenzi E, et al. (2022) A fully automated deep learning pipeline for micro-CT-imaging-based densitometry of lung fibrosis murine models. Respiratory research, 23(1), 308.

Favaretto C, et al. (2022) Subcortical-cortical dynamical states of the human brain and their breakdown in stroke. Nature communications, 13(1), 5069.

Althubaity N, et al. (2022) Choroid plexus enlargement is associated with neuroinflammation and reduction of blood brain barrier permeability in depression. NeuroImage. Clinical, 33, 102926.

Mambrini M, et al. (2022) The importance of routine quality control for reproducible pulmonary measurements by in vivo micro-CT. Scientific reports, 12(1), 9695.

Li M, et al. (2022) Heparan sulfate-dependent RAGE oligomerization is indispensable for pathophysiological functions of RAGE. eLife, 11.

Bradley CR, et al. (2022) Variability of noninvasive MRI and biological markers in compensated cirrhosis: insights for assessing disease progression. European radiology experimental, 6(1), 52.

Fanfone D, et al. (2022) Confined migration promotes cancer metastasis through resistance to anoikis and increased invasiveness. eLife, 11.

Has Silemek AC, et al. (2021) Delayed access to conscious processing in multiple sclerosis: Reduced cortical activation and impaired structural connectivity. Human brain mapping, 42(11), 3379.

Valdés Hernández MDC, et al. (2021) Post-stroke Cognition at 1 and 3 Years Is Influenced by the Location of White Matter Hyperintensities in Patients With Lacunar Stroke. Frontiers in neurology, 12, 634460.

Dos Santos M, et al. (2021) Refining the mandibular osteoradionecrosis rat model by in vivo longitudinal µCT analysis. Scientific reports, 11(1), 22241.

Mecozzi L, et al. (2020) In-vivo lung fibrosis staging in a bleomycin-mouse model: a new micro-CT guided densitometric approach. Scientific reports, 10(1), 18735.