Resource Summary Report

Generated by ASWG on Aug 3, 2026

Analyze Software System

RRID:SCR_005988
Type: Tool

Proper Citation

Analyze Software System (RRID:SCR_005988)

Resource Information

URL: https://analyzedirect.com/

Proper Citation: Analyze Software System (RRID:SCR_005988)

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, software resource, data processing software, software application, image analysis 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: 20260803T040425+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 38 mentions in open access literature.

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

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.

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.

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.

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

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.

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

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

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.

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.

Has Silemek AC, et al. (2020) Functional and structural connectivity substrates of cognitive performance in relapsing remitting multiple sclerosis with mild disability. NeuroImage. Clinical, 25, 102177.

Ireland AS, et al. (2020) MYC Drives Temporal Evolution of Small Cell Lung Cancer Subtypes by Reprogramming Neuroendocrine Fate. Cancer cell, 38(1), 60.

Ramadori G, et al. (2020) FKBP10 Regulates Protein Translation to Sustain Lung Cancer Growth. Cell reports, 30(11), 3851.

Hou M, et al. (2020) Recollection-related hippocampal fMRI effects predict longitudinal memory change in healthy older adults. Neuropsychologia, 146, 107537.

Chengetanai S, et al. (2020) Brain of the African wild dog. I. Anatomy, architecture, and volumetrics. The Journal of comparative neurology, 528(18), 3245.

Gal H, et al. (2019) Molecular pathways of senescence regulate placental structure and function. The EMBO journal, 38(18), e100849.

Mikhael SS, et al. (2019) Manually-parcellated gyral data accounting for all known anatomical variability. Scientific data, 6, 190001.

Griffis JC, et al. (2019) Structural Disconnections Explain Brain Network Dysfunction after Stroke. Cell reports, 28(10), 2527.