Resource Summary Report

Generated by dkNET on Apr 26, 2025

ITK-SNAP

RRID:SCR_017341
Type: Tool

Proper Citation

ITK-SNAP (RRID:SCR_017341)

Resource Information

URL: http://www.itksnap.org/pmwiki/pmwiki.php

Proper Citation: ITK-SNAP (RRID:SCR_017341)

Description: Software as open source, multiplatform tool used to segment structures in 3D medical images.

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

Defining Citation: PMID:16545965

Keywords: multiplatform, segment, sturcture, 3D, medical, image

Funding: NIBIB R01 EB014346

Availability: Free, Available for download, Freely available

Resource Name: ITK-SNAP

Resource ID: SCR_017341

Alternate URLs: https://sources.debian.org/src/itksnap/

Record Creation Time: 20220129T080334+0000

Record Last Update: 20250426T060624+0000

Ratings and Alerts

No rating or validation information has been found for ITK-SNAP.

No alerts have been found for ITK-SNAP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 148 mentions in open access literature.

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

Zhu L, et al. (2025) Robustness of radiomics among photon-counting detector CT and dual-energy CT systems: a texture phantom study. European radiology, 35(2), 871.

Bi Q, et al. (2025) Differentiation of early-stage endometrial carcinoma from benign endometrial lesions: a comparative study of six diffusion models. Quantitative imaging in medicine and surgery, 15(1), 121.

Okar SV, et al. (2025) High-Field-Blinded Assessment of Portable Ultra-Low-Field Brain MRI for Multiple Sclerosis. Journal of neuroimaging : official journal of the American Society of Neuroimaging, 35(1), e70005.

Zuo Z, et al. (2025) Quantifying intratumoral heterogeneity within sub-regions to predict high-grade patterns in clinical stage I solid lung adenocarcinoma. BMC cancer, 25(1), 51.

Barioni ED, et al. (2024) Texture Analysis in Volumetric Imaging for Dentomaxillofacial Radiology: Transforming Diagnostic Approaches and Future Directions. Journal of imaging, 10(11).

Lu Z, et al. (2024) Radiomics nomogram combined with clinical factors for predicting pathological complete response in resectable esophageal squamous cell carcinoma. Frontiers in oncology, 14, 1347650.

Huang T, et al. (2024) Can the radiomics features of intracranial aneurysms predict the prognosis of aneurysmal subarachnoid hemorrhage? Frontiers in neuroscience, 18, 1446784.

Chen X, et al. (2024) Repetition Suppression Reveals Cue-Specific Spatial Representations for Landmarks and Self-Motion Cues in the Human Retrosplenial Cortex. eNeuro, 11(4).

Su T, et al. (2024) Dark-Blood Computed Tomography Angiography Combined With Deep Learning Reconstruction for Cervical Artery Wall Imaging in Takayasu Arteritis. Korean journal of radiology, 25(4), 384.

Duan W, et al. (2024) Radiomic profiling for insular diffuse glioma stratification with distinct biologic pathway activities. Cancer science, 115(4), 1261.

Xu K, et al. (2024) A Multiparametric MRI-based Radiomics Model for Stratifying Postoperative Recurrence in Luminal B Breast Cancer. Journal of imaging informatics in medicine, 37(4), 1475.

Li T, et al. (2024) Functional network reorganization after endovascular thrombectomy in patients with anterior circulation stroke. NeuroImage. Clinical, 43, 103648.

Kupers ER, et al. (2024) Rethinking simultaneous suppression in visual cortex via compressive spatiotemporal population receptive fields. Nature communications, 15(1), 6885.

Jiang L, et al. (2024) Diffusion-/perfusion-weighted imaging fusion to automatically identify stroke within 4.5 h. European radiology, 34(10), 6808.

Ding N, et al. (2024) Large vessel vasculitis evaluation by CTA: impact of deep-learning reconstruction and "dark blood" technique. Insights into imaging, 15(1), 260.

Ma A, et al. (2024) Amide proton transfer weighted and diffusion weighted imaging based radiomics classification algorithm for predicting 1p/19q co-deletion status in low grade gliomas. BMC medical imaging, 24(1), 85.

McGrath C, et al. (2024) Diet-Stimulated Marrow Adiposity Fails to Worsen Early, Age-Related Bone Loss. Obesity facts, 17(2), 145.

Zhang C, et al. (2024) Associations between diffusion kurtosis imaging metrics and neurodevelopmental outcomes in neonates with low-grade germinal matrix and intraventricular hemorrhage. Scientific reports, 14(1), 16455.

Yuan L, et al. (2024) Early prediction of acute pancreatitis with acute kidney injury using abdominal contrast-enhanced CT features. iScience, 27(10), 111058.

Zheng Z, et al. (2024) Evaluating T1, T2 Relaxation, and Proton Density in Normal Brain Using Synthetic MRI with Fast Imaging Protocol. Magnetic resonance in medical sciences : MRMS : an official journal of Japan Society of Magnetic Resonance in Medicine, 23(4), 514.