Resource Summary Report

Generated by dkNET on Aug 19, 2026

BraTS

RRID:SCR_016214
Type: Tool

Proper Citation

BraTS (RRID:SCR_016214)

Resource Information

URL: https://www.med.upenn.edu/sbia/brats2017.html

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Description: Organization that provides a conference about the methods for the segmentation of brain tumors in magnetic resonance imaging (MRI) scans. Its conferences utilize multi-institutional pre-operative MRI scans and focus on the segmentation of intrinsically heterogeneous (in appearance, shape, and histology) brain tumors, namely gliomas.

Synonyms: BraTS: Multimodal Brain Tumor Segmentation, Multimodal Brain Tumor Segmentation

Resource Type: data or information resource, portal, organization portal

Keywords: brain, neuroscience, tumor, cancer, segmentation, mri, neuroimaging, glioma, patient, conference, event

Resource Name: BraTS

Resource ID: SCR_016214

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260819T044435+0000

Ratings and Alerts

No rating or validation information has been found for BraTS.

No alerts have been found for BraTS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Liu Y, et al. (2025) Enhancing unsupervised learning in medical image registration through scale-aware context aggregation. iScience, 28(2), 111734.

Sasmal B, et al. (2023) A survey on the utilization of Superpixel image for clustering based image segmentation. Multimedia tools and applications, 1.

Zhong L, et al. (2020) (TS)2WM: Tumor Segmentation and Tract Statistics for Assessing White Matter Integrity with Applications to Glioblastoma Patients. NeuroImage, 223, 117368.

Liu J, et al. (2020) IOUC-3DSFCNN: Segmentation of Brain Tumors via IOU Constraint 3D Symmetric Full Convolution Network with Multimodal Auto-context. Scientific reports, 10(1), 6256.

Wang G, et al. (2019) Automatic Brain Tumor Segmentation Based on Cascaded Convolutional Neural Networks With Uncertainty Estimation. Frontiers in computational neuroscience, 13, 56.

Wang G, et al. (2019) Aleatoric uncertainty estimation with test-time augmentation for medical image segmentation with convolutional neural networks. Neurocomputing, 335, 34.

Cho HH, et al. (2018) Classification of the glioma grading using radiomics analysis. PeerJ, 6, e5982.

Xue Y, et al. (2018) SegAN: Adversarial Network with Multi-scale L1 Loss for Medical Image Segmentation. Neuroinformatics, 16(3-4), 383.