

Resource Summary Report

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dcm2nii

RRID:SCR_014099

Type: Tool

Proper Citation

dcm2nii (RRID:SCR_014099)

Resource Information

URL: <http://www.nitrc.org/projects/dcm2nii/>

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Description: A tool for converting images from the complicated formats used by scanner manufacturers (DICOM, PAR/REC) to the NIfTI format used by various scientific tools. dcm2nii works for all modalities (CT, MRI, PET, SPECT) and sequence types.

Resource Type: systems interoperability software, software resource, software application

Keywords: image converter, nifti format, systems interoperability software

Funding: NIDCD R01DC009571;
NIDCD U01DC011739

Availability: Available for download

Resource Name: dcm2nii

Resource ID: SCR_014099

Alternate URLs: <http://www.nitrc.org/plugins/mwiki/index.php/dcm2nii:MainPage>

License: BSD License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260804T043535+0000

Ratings and Alerts

No rating or validation information has been found for dcm2nii.

No alerts have been found for dcm2nii.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 191 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Muangpaisan W, et al. (2025) Brain Volume Metric Analysis Is Correlated with Aging Changes and Sex Differences in Thai Older Adults. *Dementia and geriatric cognitive disorders extra*, 15(1), 47.

Cyriacks TC, et al. (2025) Subcortical and white matter alterations in canine ventriculomegaly: an observational volumetric and voxel-based-morphometry study. *Fluids and barriers of the CNS*, 22(1), 83.

Wang Z, et al. (2025) Association of rs440446 in the APOE intron region with multidimensional cognitive function, lipid/metabolic markers, and spontaneous neural activity in Chinese urban community-dwelling older adults. *Frontiers in neuroscience*, 19, 1629254.

Wang Z, et al. (2025) Higher Education Influences Stroop Performance in Non-Demented Older Adults: The Mediating Role of Resting-State Brain Activity. *Clinical and translational science*, 18(10), e70372.

Sampaolo E, et al. (2025) Lights, Camera, Emotion: REELMO's 1060 Hours of Affective Reports to Explore Emotions in Naturalistic Contexts. *Scientific data*, 12(1), 797.

Dai X, et al. (2025) Investigating glymphatic function and bed nucleus of the stria terminalis-based functional connectivity in Parkinson's disease with and without depression. *NPJ Parkinson's disease*, 11(1), 129.

Zapparoli L, et al. (2025) The hidden side of body integrity dysphoria: aberrant limbic responses to dynamic touch. *Brain communications*, 7(3), fcaf209.

Song S, et al. (2025) Transcranial Magnetic Stimulation Induces White Matter Microstructure Alterations in Patients with Mild Cognitive Impairment. *Dementia and geriatric cognitive disorders extra*, 15(1), 58.

Hu K, et al. (2025) Targeting and reprogramming microglial phagocytosis of neutrophils by ginsenoside Rg1 nanovesicles promotes stroke recovery. *Bioactive materials*, 47, 181.

Wei M, et al. (2025) Differences in Glucose Metabolism Between Single Memory Domain and Multidomain Subjective Cognitive Decline: A Longitudinal Study From SILCODE. *CNS neuroscience & therapeutics*, 31(5), e70264.

Zhong RD, et al. (2025) Uncovering novel functions of NUF2 in glioblastoma and MRI-based expression prediction. *Scientific reports*, 15(1), 32120.

Foltyn-Dumitru M, et al. (2025) Shape matters: unsupervised exploration of IDH-wildtype glioma imaging survival predictors. *European radiology*, 35(3), 1351.

Mahootiha M, et al. (2025) Multimodal deep learning improves recurrence risk prediction in pediatric low-grade gliomas. *Neuro-oncology*, 27(1), 277.

??anda J, et al. (2025) A comparative analysis of imaging-based algorithms for detecting focal cortical dysplasia type II in children. *Scientific reports*, 15(1), 29946.

Griffin MR, et al. (2025) 3D vector field-guided toolpathing for 3D bioprinting. *Communications engineering*, 4(1), 154.

Wang Z, et al. (2025) Alterations in White Matter Structure in Sleep-Related Epilepsies: A TBSS-Based Diffusion Tensor Imaging Study. *Neuropsychiatric disease and treatment*, 21, 1109.

Chen A, et al. (2025) Glymphatic Function in Prodromal Parkinson's Disease: Associations With Symptoms, Gray Matter Volume, and Phenoconversion Risk. *European journal of neurology*, 32(10), e70389.

Zhang M, et al. (2025) SpiDa-MRI: behavioral and (f)MRI data of adults with fear of spiders. *Scientific data*, 12(1), 284.

Zhao M, et al. (2025) A multiomics dataset of paired CT image and plasma cell-free DNA end motif for patients with pulmonary nodules. *Scientific data*, 12(1), 545.

Gao M, et al. (2025) A magnetic resonance imaging and gut flora-based study of intake desire in overweight/obese type 2 diabetes mellitus patients. *Frontiers in neuroscience*, 19, 1612722.