

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: software application, software resource, systems interoperability software

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: 20260904T000535+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 205 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zhu J, et al. (2026) Trajectories of Response Inhibition Development in Adolescence. bioRxiv : the preprint server for biology.

Zhang C, et al. (2026) Integrating optogenetic fMRI and spatial transcriptomics to reveal circuit-specific gene signatures in fronto- and hippo-thalamic networks. Nature communications, 17(1).

Ren H, et al. (2026) Alteration in cerebral cortex thickness and structural covariance networks in patients with chronic prostatitis/chronic pelvic pain syndrome (CP/CPPS). Frontiers in neurology, 17, 1765343.

Qiu Y, et al. (2026) The Association Between Changes in White Matter Microstructure and Cognitive Function in Older Adults with Mild Cognitive Impairment. Brain sciences, 16(6).

Deniz B, et al. (2026) Investigation of the effects of radiotherapy and chemotherapy on brain volume in cancer patients: brain tumor study. Journal of neuro-oncology, 176(3), 210.

Tak D, et al. (2026) A generalizable foundation model for analysis of human brain MRI. Nature neuroscience, 29(4), 945.

Sanchez DL, et al. (2026) Normalization method for relative cerebral blood flow influences sex and cognitive status effects in nondemented older adults. Brain imaging and behavior, 20(4).

Haddad G, et al. (2026) Metastatic tropism of molecularly defined clear-cell renal cell carcinoma clusters. The Journal of clinical investigation, 136(10).

Yang L, et al. (2026) Crosstalk of peripheral cytokine-white matter alteration-insomnia during methadone maintenance treatment. Psychological medicine, 56, e113.

Riedel EO, et al. (2026) Deep learning-based synthetic brain MRI for the assessment of regional atrophy patterns in neurodegenerative diseases. European radiology, 36(7), 6025.

Stojanoski S, et al. (2026) Frontal Lobe and Subregional Volumetric Alterations Across Alzheimer's Disease, Amnesic Mild Cognitive Impairment, and Vascular Dementia: An MRI Volumetry Study. Brain sciences, 16(3).

Hu K, et al. (2026) Critical role of high-dose Astragalus in Buyang Huanwu Decoction for enhancing neurovascular coupling in a Qi Deficiency and Blood Stasis animal??model. Chinese medicine, 21(1).

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.

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.

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.

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.

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.

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.

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.

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