Resource Summary Report

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OsiriX Medical Imaging Software

RRID:SCR_013618
Type: Tool

Proper Citation

OsiriX Medical Imaging Software (RRID:SCR_013618)

Resource Information

URL: http://www.osirix-viewer.com/

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Description: :OsiriX is an image processing software dedicated to DICOM images (.dcm / .DCM extension) produced by medical equipment (MRI, CT, PET, PET-CT, ...) and confocal microscopy (LSM and BioRAD-PIC format). It can also read many other file formats: TIFF (8,16, 32 bits), JPEG, PDF, AVI, MPEG and Quicktime. It is fully compliant with the DICOM standard for image comunication and image file formats. OsiriX is able to receive images transferred by DICOM communication protocol from any PACS or medical imaging modality (STORE SCP - Service Class Provider, STORE SCU - Service Class User, and Query/Retrieve) . OsiriX has been specifically designed for navigation and visualization of multimodality and multidimensional images: 2D Viewer, 3D Viewer, 4D Viewer (3D series with temporal dimension, for example: Cardiac-CT) and 5D Viewer (3D series with temporal and functional dimensions, for example: Cardiac-PET-CT). The 3D Viewer offers all modern rendering modes: Multiplanar reconstruction (MPR), Surface Rendering, Volume Rendering and Maximum Intensity Projection (MIP). All these modes support 4D data and are able to produce image fusion between two different series (for example: PET-CT). Osirix is at the same time a DICOM PACS workstation for medical imaging and an image processing software for medical research (radiology and nuclear imaging), functional imaging, 3D imaging, confocal microscopy and molecular imaging. :

Synonyms: OsiriX

Resource Type: data visualization software, software application, data processing software, software resource

Keywords: bio.tools

Resource Name: OsiriX Medical Imaging Software

Resource ID: SCR_013618

Alternate IDs: biotools:osirix, nif-0000-00340

Alternate URLs: https://bio.tools/osirix

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260801T190451+0000

Ratings and Alerts

No rating or validation information has been found for OsiriX Medical Imaging Software.

No alerts have been found for OsiriX Medical Imaging Software.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1374 mentions in open access literature.

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

Zhang Y, et al. (2026) Infrapatellar Fat Pad Glucocorticoid Injection in Knee Osteoarthritis: A Randomized Clinical Trial. JAMA network open, 9(1), e2549938.

Kifjak D, et al. (2025) Computed Tomography-Based Body Composition is Related to Perioperative Morbidity in Older Lung Transplant Recipients. The Thoracic and cardiovascular surgeon, 73(3), 244.

Ríos C, et al. (2025) Demonstration of therapeutic effect of plasma-synthesized polypyrrole/iodine biopolymer in rhesus monkey with complete spinal cord section. Journal of materials science. Materials in medicine, 36(1), 21.

Liu X, et al. (2025) Optimal lumbar vertebral level for trunk muscle CT assessments in opportunistic sarcopenia screening: a cross-sectional study. BMJ open, 15(3), e083165.

Kuzumi A, et al. (2025) Predictors of rituximab efficacy in systemic sclerosis-associated interstitial lung disease: machine-learning analysis of the DESIRES trial. Rheumatology (Oxford, England), 64(SI), SI114.

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.

Lee SM, et al. (2025) Association of Increased CT-Attenuation of Visceral Adipose Tissue After Surgery with Poor Survival Outcomes in Patients with Stage II-III Gastric Cancer: A Retrospective Cohort Study. Cancers, 17(2).

Ellert-Miklaszewska A, et al. (2025) 7aaRGD - a novel SPP1/integrin signaling-blocking peptide reverses immunosuppression and improves anti-PD-1 immunotherapy outcomes in experimental gliomas. Journal of experimental & clinical cancer research : CR, 44(1), 132.

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Wang J, et al. (2025) Airflow: A double-edged sword in shaping white tea quality. Food chemistry: X, 28, 102558.

Soendenbroe C, et al. (2025) Serum C-Terminal Agrin Fragment With Acute and Long-Term Exercise and Angiotensin II Type I Receptor Blockade. Journal of cachexia, sarcopenia and muscle, 16(3), e13832.

Voss SE, et al. (2025) Comprehensive Measurements and Analyses of Ear Canal Geometry From Late Infancy Through Late Adulthood: Age-Related Variations and Implications for Basic Science and Audiological Measurements. Trends in hearing, 29, 23312165251345572.

Simonson AW, et al. (2025) Protection against reinfection with Mycobacterium tuberculosis extends across heterologous Mtb lineages. bioRxiv : the preprint server for biology.

Yang L, et al. (2025) Relationship of lumbar vertebral volumetric bone mineral density with trunk muscle density assessed by quantitative computed tomography in maintenance hemodialysis patients. Renal failure, 47(1), 2534844.

Marchina S, et al. (2025) SATURN MRI: study protocol for the statin use in intracerebral hemorrhage patients MRI ancillary study. Trials, 26(1), 323.

Germonpré J, et al. (2025) Dual-Energy Computed Tomography for the Detection of Bone Edema-Like Lesions in the Equine Foot: Standing Horses and Cadaveric Specimens. Veterinary sciences, 12(7).