# MINC

**RRID:** SCR_002391  
**Type:** Tool

## Proper Citation

MINC (RRID:SCR_002391)

## Resource Information


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**Description:** A medical imaging data format and an associated set of tools and libraries including a 3 level API for medical image analysis with a particular focus on the needs of research. There are also a number of tools including Registration and Non-Uniformity correction.

**Abbreviations:** MINC

**Synonyms:** Medical Imaging NetCDF, MINC - Medical Image NetCDF

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

**Keywords:** reusable library, c, file format, fortran, information specification, minc, minc2, magnetic resonance, os independent, perl, sh/bash, unix shell

**Availability:** MINC Licence, (BSD'ish), [http://www.nitrc.org/include/glossary.php#527](http://www.nitrc.org/include/glossary.php#527)

**Resource Name:** MINC

**Resource ID:** SCR_002391

**Alternate IDs:** nlx_155794

**Alternate URLs:** [http://www.nitrc.org/projects/minc](http://www.nitrc.org/projects/minc)

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**Ratings and Alerts**
Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 90 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Herbuela VRDM, et al. (2022) Machine learning-based classification of the movements of
children with profound or severe intellectual or multiple disabilities using environment data features. PloS one, 17(6), e0269472.


Mohan H, et al. (2021) Dolutegravir in pregnant mice is associated with increased rates of fetal defects at therapeutic but not at supratherapeutic levels. EBioMedicine, 63, 103167.


