Resource Summary Report

Generated by <u>RRID</u> on May 22, 2025

NiftySim

RRID:SCR_006591 Type: Tool

Proper Citation

NiftySim (RRID:SCR_006591)

Resource Information

URL: http://sourceforge.net/projects/niftysim/

Proper Citation: NiftySim (RRID:SCR_006591)

Description: A high-performance nonlinear finite element solver. A key feature is the option of GPU-based execution, which allows the solver to significantly out-perform equivalent commercial packages.

Abbreviations: NiftySim

Synonyms: Nifty Sim

Resource Type: software resource

Keywords: pet, spect

Funding:

Availability: BSD License

Resource Name: NiftySim

Resource ID: SCR_006591

Alternate IDs: nlx_155900

Alternate URLs: http://www.nitrc.org/projects/niftysim

Record Creation Time: 20220129T080237+0000

Record Last Update: 20250519T203442+0000

Ratings and Alerts

No rating or validation information has been found for NiftySim.

No alerts have been found for NiftySim.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>RRID</u>.

Chen JH, et al. (2019) Evaluation of breast stiffness measured by ultrasound and breast density measured by MRI using a prone-supine deformation model. Biomarker research, 7, 20.

Johnsen SF, et al. (2015) NiftySim: A GPU-based nonlinear finite element package for simulation of soft tissue biomechanics. International journal of computer assisted radiology and surgery, 10(7), 1077.