

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

EIDORS:Electrical Impedance Tomography and Diffuse Optical Tomography Reconstruction Software

RRID:SCR_019262

Type: Tool

Proper Citation

EIDORS:Electrical Impedance Tomography and Diffuse Optical Tomography Reconstruction Software (RRID:SCR_019262)

Resource Information

URL: <http://eidors3d.sourceforge.net>

Proper Citation: EIDORS:Electrical Impedance Tomography and Diffuse Optical Tomography Reconstruction Software (RRID:SCR_019262)

Description: Free software algorithms for forward and inverse modelling for Electrical Impedance Tomography (EIT) and Diffusion based Optical Tomography, in medical and industrial settings, and to share data and promote collaboration between groups working these fields.

Abbreviations: EIDORS

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

Keywords: Modelling, inverse modelling, forward modelling, Electrical Impedance Tomography, Diffusion based Optical Tomography, share data

Availability: Free, Available for download, Freely available

Resource Name: EIDORS:Electrical Impedance Tomography and Diffuse Optical Tomography Reconstruction Software

Resource ID: SCR_019262

License: GNU GPL

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260815T182606+0000

Ratings and Alerts

No rating or validation information has been found for EIDORS:Electrical Impedance Tomography and Diffuse Optical Tomography Reconstruction Software.

No alerts have been found for EIDORS:Electrical Impedance Tomography and Diffuse Optical Tomography Reconstruction Software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Coppola S, et al. (2026) Lung Imaging in Acute Hypoxemic Respiratory Failure: From Physics to Bedside Applications. Journal of clinical medicine, 15(11).

Escobar FA, et al. (2025) Eight-channel high-speed electrical impedance tomography device implemented on a programmable system on a chip. HardwareX, 23, e00667.

Zheng E, et al. (2021) Continuous Multi-DoF Wrist Kinematics Estimation Based on a Human-Machine Interface With Electrical-Impedance-Tomography. Frontiers in neurorobotics, 15, 734525.

Eiber CD, et al. (2021) Computational modelling of nerve stimulation and recording with peripheral visceral neural interfaces. Journal of neural engineering, 18(6).