

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

Spinal Cord Toolbox

RRID:SCR_014170

Type: Tool

Proper Citation

Spinal Cord Toolbox (RRID:SCR_014170)

Resource Information

URL: <http://www.nitrc.org/projects/sct>

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Description: A comprehensive and open-source library of analysis tools for multi-parametric MRI of the spinal cord. The toolbox includes a template and several atlases, along with state-of-the-art methods to register any data to the template. It also includes useful scripts for data preprocessing: extraction of centerline, automatic segmentation, slice-wise motion correction, etc.

Resource Type: software toolkit, software resource

Resource Name: Spinal Cord Toolbox

Resource ID: SCR_014170

Alternate URLs: <http://sourceforge.net/projects/spinalcordtoolbox/>

License: MIT/X Consortium License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260803T040627+0000

Ratings and Alerts

No rating or validation information has been found for Spinal Cord Toolbox.

No alerts have been found for Spinal Cord Toolbox.

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 [SPARC SAWG](#) .

Horáková M, et al. (2022) Semi-automated detection of cervical spinal cord compression with the Spinal Cord Toolbox. Quantitative imaging in medicine and surgery, 12(4), 2261.

Kinany N, et al. (2020) Dynamic Functional Connectivity of Resting-State Spinal Cord fMRI Reveals Fine-Grained Intrinsic Architecture. Neuron, 108(3), 424.