

Resource Summary Report

Generated by SPARC SAWG on Sep 19, 2026

4D Atlases Construction

RRID:SCR_002227

Type: Tool

Proper Citation

4D Atlases Construction (RRID:SCR_002227)

Resource Information

URL: https://www.nitrc.org/projects/uncbcp_4d_atlas/

Proper Citation: 4D Atlases Construction (RRID:SCR_002227)

Description: Software package for constructing longitudinal atlases, which are the necessary steps for many brain-related applications.

Synonyms: 4D Atlas Construction Toolbox, 4D Atlas Construction

Resource Type: software resource

Defining Citation: [PMID:34891818](#), [PMID:31115143](#)

Keywords: magnetic resonance, atlas, brain, software package

Availability: Free, Available for download, Freely available

Resource Name: 4D Atlases Construction

Resource ID: SCR_002227

Alternate IDs: nlx_155688

Alternate URLs: <http://www.nitrc.org/projects/atlas4d>

Old URLs: <http://www.med.unc.edu/bric/ideagroup/free-softwares/4d-atlases-construction>

License: GNU General Public License

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260912T195538+0000

Ratings and Alerts

No rating or validation information has been found for 4D Atlases Construction.

No alerts have been found for 4D Atlases Construction.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Li Q, et al. (2026) Deciphering multiway multiscale brain network connectivity from birth to 6 months. Communications biology, 9(1), 271.

Boisgontier J, et al. (2026) Early neurodevelopmental brain perfusion abnormalities and functional connectivity findings in infants with Prader-Willi syndrome. Journal of neurodevelopmental disorders, 18(1).

Yang D, et al. (2021) Combined Analysis of Surface Protein Profile and microRNA Expression Profile of Exosomes Derived from Brain Microvascular Endothelial Cells in Early Cerebral Ischemia. ACS omega, 6(34), 22410.