

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 17, 2025

xarray

RRID:SCR_023334

Type: Tool

Proper Citation

xarray (RRID:SCR_023334)

Resource Information

URL: <https://xarray.dev/>

Proper Citation: xarray (RRID:SCR_023334)

Description: Open source project and Python package that introduces labels in form of dimensions, coordinates, and attributes on top of raw NumPy-like arrays, which allows for more intuitive, more concise, and less error-prone user experience. Includes large and growing library of domain agnostic functions for advanced analytics and visualization with these data structures.

Resource Type: software resource

Keywords: labelled multi-dimensional arrays, introduces labels, labels form of dimensions, domain agnostic functions, advanced analytics and visualization,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: xarray

Resource ID: SCR_023334

Alternate URLs: <https://github.com/pydata/xarray>

License: Apache-2.0 license

Record Creation Time: 20230308T050206+0000

Record Last Update: 20250420T015245+0000

Ratings and Alerts

No rating or validation information has been found for xarray .

No alerts have been found for xarray .

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 [FDI Lab - SciCrunch.org](#).

Abraham AA, et al. (2024) A multivalent binding model infers antibody Fc species from systems serology. PLoS computational biology, 20(12), e1012663.

Brivio E, et al. (2023) Sex shapes cell-type-specific transcriptional signatures of stress exposure in the mouse hypothalamus. Cell reports, 42(8), 112874.