

Resource Summary Report

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tifffile

RRID:SCR_023338

Type: Tool

Proper Citation

tifffile (RRID:SCR_023338)

Resource Information

URL: <https://pypi.org/project/tifffile/>

Proper Citation: tifffile (RRID:SCR_023338)

Description: Software Python library to store NumPy arrays in TIFF (Tagged Image File Format) files, and read image and metadata from TIFF-like files used in bioimaging. Image and metadata can be read from TIFF, BigTIFF, OME-TIFF, DNG, STK, LSM, SGI, NIHImage, ImageJ, Micro-Manager NDTiff, FluoView, ScanImage, SEQ, GEL, SVS, SCN, SIS, BIF, ZIF (Zoomable Image File Format), QPTIFF (QPI, PKI), NDPI, and GeoTIFF files.

Resource Type: software resource, software toolkit, software library

Keywords: Python library, store NumPy arrays in TIFF files, read image and metadata from TIFF-like files, bioimaging

Funding:

Availability: Free, Available for download, Freely available

Resource Name: tifffile

Resource ID: SCR_023338

Alternate IDs: DOI:10.5281/zenodo.6795860

License: BSD 3-Clause

Record Creation Time: 20230308T050206+0000

Record Last Update: 20250514T061952+0000

Ratings and Alerts

No rating or validation information has been found for tiff file.

No alerts have been found for tiff file.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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