

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

Pandas

RRID:SCR_018214

Type: Tool

Proper Citation

Pandas (RRID:SCR_018214)

Resource Information

URL: <https://pandas.pydata.org>

Proper Citation: Pandas (RRID:SCR_018214)

Description: Software Python package for data analysis providing labeled data structures similar to R data. Provides data structures designed to make working with relational or labeled data. Software as building block for doing practical, real world open source data analysis and manipulation tool.

Resource Type: data analysis software, data processing software, software application, software resource, software toolkit

Keywords: Data analysis, labeled data, relational data, data structure

Funding: NumFOCUS

Availability: Free, Available for download, Freely available

Resource Name: Pandas

Resource ID: SCR_018214

Alternate URLs: <https://github.com/pandas-dev/pandas>

License: BSD 3-Clause License

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260821T194143+0000

Ratings and Alerts

No rating or validation information has been found for Pandas.

No alerts have been found for Pandas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 699 mentions in open access literature.

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

Courcelles M, et al. (2026) Noncanonical Transcription and Splicing Shape the Colorectal Cancer Immunopeptidome in MSI and MSS Tumors. *Molecular & cellular proteomics : MCP*, 25(6), 101581.

Bueckle A, et al. (2026) Cell Type Populations for 3D Anatomical Structures of the Human Reference Atlas. *Scientific data*, 13(1).

Rawal O, et al. (2026) ClusterChirp: A GPU-accelerated Web Server for Natural Language-Guided Interactive Visualization and Analysis of Large Omics Data. *ArXiv*.

Hahad O, et al. (2026) A randomized, double-blind, crossover study of acute low-level night-time road traffic noise: effects on vascular function, sleep, and proteomic signatures in healthy adults. *Cardiovascular research*, 122(5), 621.

Lee K, et al. (2026) Prediction of Smartphone Addiction Among Korean Adolescents Based on Physical Activity and Mental Health: A Machine Learning Analysis Using LASSO and SHAP From the Korea Youth Risk Behavior Survey. *Alpha psychiatry*, 27(1), 46201.

Martinez DP, et al. (2026) Virtual Screening of FDA-Approved Compounds: Exploring New Alternatives for HIV Treatment. *ACS omega*, 11(8), 13062.

Ji R, et al. (2026) GdbMTB: a manually curated genomic database of magnetotactic bacteria. *Database : the journal of biological databases and curation*, 2026.

Jawed MM, et al. (2026) A hybrid deep learning framework using convolutional and transformer models for robust plant disease classification. *Scientific reports*, 16(1).

Fuchs R, et al. (2026) The evolutionary dynamics between viral mimics and host proteins. *Molecular systems biology*, 22(6), 902.

Bayati A, et al. (2026) AutoMorphoTrack: A modular framework for quantitative analysis of organelle morphology, motility, and interactions at single-cell resolution. *bioRxiv : the preprint server for biology*.

Simmons SK, et al. (2026) Experimental and computational methods for allelic imbalance analysis from single-nucleus RNA-seq data. *Genome biology*, 27(1).

Almeida S, et al. (2026) Lewis Y (Ley) orchestrates leukocyte trafficking and inflammatory remodeling in leprosy patients from the Brazilian Amazon. *Immunologic research*, 74(1).

Dehghan Tezerjani M, et al. (2026) MetaXVP: an interpretable machine learning framework for deep insight into variant pathogenicity and VUS classification. *Scientific reports*, 16(1).

Fallatah TA, et al. (2026) Integrative phytochemical profiling and in silico nutrigenomic predictions of Chinese tea-Saudi *Mentha longifolia* blend formulations. *Frontiers in nutrition*, 13, 1753616.

Vergauwe F, et al. (2026) Experimental evolution reveals adaptive pathways to reduced antibiotic susceptibility in *Pseudomonas aeruginosa* biofilms. *Microbiology (Reading, England)*, 172(5).

Yuan C, et al. (2026) Pyrogenic carbon production from fires in China from 1901 to 2020. *iScience*, 29(6), 116060.

Yang LM, et al. (2026) Mitotic chromatin compaction tethers extrachromosomal DNA to chromosomes and prevents their mis-segregation into micronuclei. *The Journal of biological chemistry*, 302(2), 111081.

Solgama JP, et al. (2026) Pharmacoepidemiology of Oxycodone in the USA: An Observational Study of ARCOS, Medicaid, and Medicare Drug Databases. *Pharmacology research & perspectives*, 14(1), e70210.

Ka??as M, et al. (2026) Endocrine Sequelae of Mild Traumatic Brain Injury in Patients Admitted to the Emergency Department: A 12-Month Study. *Diagnostics (Basel, Switzerland)*, 16(6).

Daodu RO, et al. (2026) Lassa virus live tracking and lineage assignment: how nextstrain can enhance surveillance and public health in Africa and beyond. *Emerging microbes & infections*, 15(1), 2640699.