

Resource Summary Report

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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: software application, software resource, data analysis software, data processing software, 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: 20260819T044504+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](#) .

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

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

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.

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.

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

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.

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

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

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

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

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).

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.

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.

Lai M, et al. (2026) Understanding the interplay between urban segregation and accessibility to services with network analysis. *PloS one*, 21(4), e0342156.

Zhou Z, et al. (2026) Integrative analysis of the mouse cecal microbiome across diet, age, and weight in the diverse BXD population. *Microbiome*, 14(1).