

Resource Summary Report

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SciPy

RRID:SCR_008058

Type: Tool

Proper Citation

SciPy (RRID:SCR_008058)

Resource Information

URL: <http://www.scipy.org/>

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Description: A Python-based environment of open-source software for mathematics, science, and engineering. The core packages of SciPy include: NumPy, a base N-dimensional array package; SciPy Library, a fundamental library for scientific computing; and IPython, an enhanced interactive console.

Synonyms: SciPy, Scientific Tools for Python

Resource Type: software resource, software application

Keywords: python, software, open source

Availability: Public, Free

Resource Name: SciPy

Resource ID: SCR_008058

Alternate IDs: nif-0000-10422

Record Creation Time: 20220129T080245+0000

Record Last Update: 20260731T042748+0000

Ratings and Alerts

No rating or validation information has been found for SciPy.

No alerts have been found for SciPy.

Data and Source Information

Usage and Citation Metrics

We found 12935 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Mogi M, et al. (2026) Pan-cancer analysis of RNA expression signatures associated with cancer tissue architecture. *British journal of cancer*, 134(1), 141.

Mills KM, et al. (2026) Multisensory integration for active mechanosensation in *Drosophila* flight. *Current biology : CB*, 36(1), 93.

Meghdadi B, et al. (2026) Digital twins for in vivo metabolic flux estimations in patients with brain cancer. *Cell metabolism*, 38(1), 228.

Huang Q, et al. (2026) Efficient coding in working memory is adapted to the structure of the environment. *Cell reports*, 45(1), 116861.

Huang SH, et al. (2026) A Mathematical Model of Cellular Aggregation Predicts Patterns of Tau Accumulation in Neurodegenerative Disease. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(1), e11297.

Lang C, et al. (2026) Early brain-wide disruption of sleep microarchitecture in amyotrophic lateral sclerosis. *The Journal of clinical investigation*, 136(1).

Hirano Y, et al. (2026) Assessing accuracy and legitimacy of multimodal large language models on Japan Diagnostic Radiology Board Examination. *Japanese journal of radiology*, 44(1), 209.

Tozuka R, et al. (2026) Fractal-driven self-supervised learning enhances early-stage lung cancer GTV segmentation: a novel transfer learning framework. *Japanese journal of radiology*, 44(1), 183.

Guet-McCreight A, et al. (2026) Linking Age Changes in Human Cortical Microcircuits to Impaired Brain Function and EEG Biomarkers. *Aging cell*, 25(1), e70329.

Xiang X, et al. (2026) Herbal treatment of IBV-E. coli salpingitis establishment of a salpingitis model of layer chickens caused by co-infection of infectious bronchitis virus and *Escherichia coli* for the curative efficacy assessment of three Chinese herbal compounds. *Poultry science*, 105(1), 106093.

Miglierina E, et al. (2026) DIS3 licenses B cells for plasma cell differentiation in humans. *Cellular & molecular immunology*, 23(1), 31.

Braun M, et al. (2026) Computational enzyme design by catalytic motif scaffolding. *Nature*, 649(8095), 237.

Thomas M, et al. (2026) Genomic and proteomic characterization of a newly isolated *Paenarthrobacter ilicis* strain and its plasmid-mediated xanthan degradation. *Microbiology*

spectrum, 14(1), e0169025.

Telonis AG, et al. (2026) Synergistic intragenic epigenetic deregulation by IDH2 and SRSF2 mutations causes mis-splicing of key transcriptional regulators. *Science advances*, 12(1), eadu8292.

Komiyama T, et al. (2026) N-myristoyltransferase 1-mediated Src Myristoylation Promotes Non-receptor Tyrosine Kinase Pathways in Oral Squamous Cell Carcinoma. *In vivo* (Athens, Greece), 40(1), 76.

Cheng H, et al. (2026) Comparative single-cell transcriptomic map reveals divergence in leaves between two cotton species at cell type resolution. *Journal of advanced research*, 79, 121.

Schlegel-Pape L, et al. (2026) Recognizing stressed chicken signs: A comparison using the Happy Chicken Tool and the Stressed Chicken Scale. *Poultry science*, 105(1), 106141.

Su H, et al. (2026) OTMODE: an optimal transport theory-based framework for identifying differential features in single-cell multi-omics data. *Bioinformatics* (Oxford, England), 42(1).

Zhao B, et al. (2026) Entorhinal Silencing Reveals Energy Cascade Organization of Hippocampal Oscillations. *Hippocampus*, 36(1), e70050.

Furutani M, et al. (2026) An integrative approach to detecting potential blood-based biomarkers of cognitive frailty. *The journal of nutrition, health & aging*, 30(1), 100726.