

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 application, software resource

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: 20260829T183100+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 16188 mentions in open access literature.

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

Barrera C, et al. (2026) Computational pathology features of immune architecture predict clinically relevant outcomes in small-cell lung cancer (SCLC). NPJ precision oncology, 10(1).

Dong X, et al. (2026) Gut-microbiota-derived 3-indoleacrylic acid alleviates neonatal necrotizing enterocolitis by inhibiting epithelial necroptosis. Cell reports. Medicine, 7(4), 102721.

Lin Z, et al. (2026) Comparison of [18F]PFPN and [18F]FDG PET in Mucosal Melanoma: Diagnostic Performance, Staging Impact, and Correlation with Molecular Markers. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(10), 2036.

Wong H, et al. (2026) An Analytic Framework Characterizes the Biological Processes That Shape Copy Number-Based Genome Instability Patterns in Breast Cancer. Cancer research, 86(13), 3344.

Garralda E, et al. (2026) Broad Utility of Ultrasensitive Analysis of ctDNA Dynamics across Solid Tumors Treated with Immunotherapy. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(2), 333.

Sugimoto H, et al. (2026) Association between continuous glucose monitoring-derived metrics and coronary plaque vulnerability: A retrospective exploratory analysis. eLife, 14.

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

Shanbhag V, et al. (2026) Tumor CTR1 Expression and Systemic Copper Dynamics Converge on a Copper Axis in High-Grade Triple-Negative Breast Cancer. Cancer research communications, 6(6), 1531.

Gorbatov SD, et al. (2026) Dietary and Lifestyle Patterns among Young Patients with Lung Cancer: Analysis of Mutation-Specific Phenotypes. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 35(8), 1453.

Kareff SA, et al. (2026) The genomic, transcriptomic, and immunologic landscape of TEM8 (ANTXR1) in neuroendocrine neoplasms (NENs) including small-cell lung cancer (SCLC). Cancer treatment and research communications, 47, 101190.

Nong C, et al. (2026) MotorQuant: A novel tool for motor function assessment in spinal cord injured mice. Behavioural brain research, 510, 116243.

Peng Y, et al. (2026) Scaffolding human and AI instruction: Neural alignment and learning gains in online education. *Neuron*.

Decat N, et al. (2026) Dream-like mental states can occur during wakefulness. *Cell reports*, 45(4), 117237.

Keller-Evans RB, et al. (2026) DNA and RNA-based next-generation sequencing for companion diagnostic rearrangement detection in solid tumors. *The oncologist*, 31(3).

Daniel K, et al. (2026) Pre-existing neutralizing antibodies against cattle-transmitted influenza A virus H5N1 are detectable in unexposed individuals. *Immunity*, 59(2), 494.

Kawazu M, et al. (2026) Genomic and Transcriptomic Analysis of High-Grade Endometrial Carcinoma Reveals Biological Heterogeneity and Molecular Classification Challenges. *Cancer research communications*, 6(4), 961.

Zhou X, et al. (2026) Knowledge-enhanced pretraining for vision-language pathology foundation model on cancer diagnosis. *Cancer cell*, 44(4), 777.

Pehrsson M, et al. (2026) Opportunistic Screening of High-Risk Breast Cancer Variants in Hospital Biobank Setting. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 35(6), 883.

Ghani N, et al. (2026) Active sensing during a visual perceptual decision-making task. *iScience*, 29(6), 115976.

Lee JY, et al. (2026) Circulating Amino Acid Network Remodeling Reveals Systemic Metabolic Reprogramming Predictive of Colorectal Cancer Recurrence and Metastasis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e76044.