

Resource Summary Report

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Matplotlib

RRID:SCR_008624

Type: Tool

Proper Citation

Matplotlib (RRID:SCR_008624)

Resource Information

URL: <https://matplotlib.org>

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Description: Python 2D plotting library which produces publication quality figures in variety of hardcopy formats and interactive environments across platforms. Used in python scripts, web application servers, and six graphical user interface toolkits. Used to generate plots, histograms, power spectra, bar charts, error charts, scatter plots.

Synonyms: MatPlotLib

Resource Type: software library, software toolkit, software resource

Keywords: 2D plotting library, plot, histogram, power spectra, bar chart, error chart, scatter plot

Availability: Free, Available for download, Freely available

Resource Name: Matplotlib

Resource ID: SCR_008624

Alternate IDs: nif-0000-31991

Alternate URLs: <http://matplotlib.sourceforge.net>

License: PSF license

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260803T040528+0000

Ratings and Alerts

No rating or validation information has been found for Matplotlib.

No alerts have been found for Matplotlib.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8069 mentions in open access literature.

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

Baars B, et al. (2026) RAS Mutation-Specific Responses to Paralog- and State-Selective RAS Inhibitors. *Molecular cancer research : MCR*, 24(1), 60.

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

Jang YJ, et al. (2026) Spinal Segmental Position Relative to the Vertebrae in Korean Water Deer and Siberian Roe Deer. *The Journal of comparative neurology*, 534(1), e70124.

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

Müller TG, et al. (2026) Lenacapavir-induced capsid damage uncovers HIV-1 genomes emanating from nuclear speckles. *The EMBO journal*, 45(2), 449.

Janssens DH, et al. (2026) Sequential RNA polymerase II activation drives human hematopoiesis. *Cell reports*, 45(1), 116802.

Raouraoua N, et al. (2026) MassiveFold Data for CASP16-CAPRI: A Systematic Massive Sampling Experiment. *Proteins*, 94(1), 425.

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.

Hor JL, et al. (2026) Inhibitory PD-1 axis maintains high-avidity stem-like CD8+ T cells. *Nature*, 649(8095), 194.

Feng F, et al. (2026) Statistically rigorous and computationally efficient chromatin stripe detection with Quagga. *Genome research*, 36(1), 159.

Eyal Z, et al. (2026) pH variations enable guanine crystal formation within iridosomes. *Nature chemical biology*, 22(1), 19.

Wang F, et al. (2026) Regulation and reversal of paclitaxel resistance via the STAT1? mediated apoptotic pathway in ovarian cancer. *International journal of oncology*, 68(2).

Yilmaz V, et al. (2026) Comparative Transcriptomic Profiling Identifies IL-1 β as a Non-Canonical Driver of Human Dendritic Cell Maturation. Iranian journal of biotechnology, 24(1), e4185.

Retzer TM, et al. (2026) Real-time imaging of rotation during synthesis by the replisome. Science advances, 12(1), eadx4089.

Guellil M, et al. (2026) Tracing 2500 years of human betaherpesvirus 6A and 6B diversity through ancient DNA. Science advances, 12(1), eadx5460.

Luo Z, et al. (2026) Host adaptation and genome evolution of the broad host range fungal rust pathogen, *Austropuccinia psidii*. G3 (Bethesda, Md.), 16(1).

Ganesh A, et al. (2026) The Karnataka Individual Genome Project expands the human reference landscape to include South Asia. HGG advances, 7(1), 100516.

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

Scholz P, et al. (2026) Arabidopsis root lipid droplets are hubs for membrane homeostasis under heat stress, and triterpenoid synthesis and storage. The New phytologist, 249(2), 892.

Cao X, et al. (2026) High-content phenotyping reveals Golgi dynamics and their role in cell cycle regulation. The Journal of cell biology, 225(1).