

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

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 resource, software toolkit

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: 20260808T185912+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 10273 mentions in open access literature.

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

Nyante SJ, et al. (2026) Association between Participant Characteristics and Breast Parenchymal Texture Variation among Postmenopausal Women. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 35(2), 301.

Pattisapu MM, et al. (2026) Image Preprocessing and Optimizer Sensitivity: Implications for Convolutional Neural Networks in Diagnosing Brain Tumors. Journal of visualized experiments : JoVE(228).

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

Yasuma-Mitobe K, et al. (2026) Intracellular acidification by microbiota-derived valeric acid facilitates trans-kingdom ecology limiting Candida parapsilosis colonization. Cell host & microbe, 34(7), 1320.

Fu ZH, et al. (2026) Synthetic rewriting of the IGH locus. Cell genomics, 6(6), 101252.

Liang J, et al. (2026) Spatial biomarker discovery via interpretable semantic learning in histopathology. Cancer cell.

Bhattacharya A, et al. (2026) Exosomal misfolded α 1-antitrypsin triggers a cytosolic GRP78-dependent unfolded protein response and pro-survival signaling in pre-metastatic tissues. The Journal of biological chemistry, 302(8), 113282.

Deng M, et al. (2026) Machine learning innovations for reliable gurney energy estimation in energetic materials. iScience, 29(7), 116536.

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

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.

Borbinha J, et al. (2026) Metabolic reprogramming regulates histone lactylation during zebrafish caudal fin regeneration. *iScience*, 29(2), 114792.

Sanvito F, et al. (2026) Framework for Statistical Parametric Mapping of the Interactions between Glioblastoma Location, Treatment, Prognostic Variables, and Survival Using a Phase III Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(11), 2230.

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.

Nickles GR, et al. (2026) Tracing the origins of crmA megasynthase through lichen genomes. *Current biology : CB*, 36(13), 3354.

Salazar YEAR, et al. (2026) MalDeepSeq panel: A targeted ultra-deep sequencing approach to trace drug resistance markers in *Plasmodium falciparum*. *Cell reports methods*, 101509.

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

Alam MA, et al. (2026) Association between Diagnostic History and Cancer Incidence within 5 Years: A Real-world Observational Analysis. *Cancer research communications*, 6(5), 1083.

Feher A, et al. (2026) A kinetic trap mechanism underlies hHv1 inhibition by NZ-58. *The Journal of general physiology*, 158(4).

Pérez-Verdugo F, et al. (2026) Mechanosensitive feedback organizes cell shape and motion during hindbrain neuropore morphogenesis. *Current biology : CB*, 36(8), 1903.

Kehribar M, et al. (2026) Selective adhesion preserves eye patterning as axonal retinotopy in the *Drosophila* brain. *Current biology : CB*, 36(5), 1097.