Resource Summary Report

Generated by Kravitz on Sep 17, 2026

Gnuplot

RRID:SCR_008619
Type: Tool

Proper Citation

Gnuplot (RRID:SCR_008619)

Resource Information

URL: http://www.gnuplot.info/

Proper Citation: Gnuplot (RRID:SCR_008619)

Description: Gnuplot is a portable command-line driven graphing utility for linux, OS/2, MS Windows, OSX, VMS, and many other platforms. The source code is copyrighted but freely distributed (i.e., you don''t have to pay for it). It was originally created to allow scientists and students to visualize mathematical functions and data interactively, but has grown to support many non-interactive uses such as web scripting. It is also used as a plotting engine by third-party applications like Octave. Gnuplot has been supported and under active development since 1986. Gnuplot supports many types of plots in either 2D and 3D. It can draw using lines, points, boxes, contours, vector fields, surfaces, and various associated text. It also supports various specialized plot types. Demos here. Gnuplot supports many different types of output: interactive screen terminals (with mouse and hotkey input), direct output to pen plotters or modern printers, and output to many file formats (eps, fig, jpeg, LaTeX, metafont, pbm, pdf, png, postscript, svg, ...). Gnuplot is easily extensible to include new output modes. Recent additions include an interactive terminal based on wxWidgets and the creation of mousable graphs for web display using the HTML5 canvas element.

Synonyms: Gnuplot

Resource Type: software resource

Resource Name: Gnuplot

Resource ID: SCR_008619

Alternate IDs: nif-0000-31978

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260912T195706+0000

Ratings and Alerts

No rating or validation information has been found for Gnuplot.

No alerts have been found for Gnuplot.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 621 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Simon KZ, et al. (2026) Physiologically relevant forms of Tc- and Re-pyrophosphate radioactive tracers and the basis of their transthyretin amyloid sensitivity. Scientific reports, 16(1), 6111.

Micka M, et al. (2026) A Wnt-induced conformational phospho-switch in DVL3 controls association with Frizzled receptors and Wnt/?-catenin signaling. Science advances, 12(20), eaed8899.

Ren Z, et al. (2026) Intramolecular seal against proton backflow in bacteriorhodopsin. iScience, 29(5), 115685.

Lotfy S, et al. (2026) Nitrogen-doped carbon quantum dots as fluorescent sensor for doxorubicin and chlortetracycline: experimental and DFT insights. Nanoscale advances, 8(7), 2426.

Alvarez G, et al. (2026) Deglycosylation induces a novel distal conformation in the mannose receptor CD206. Scientific reports, 16(1), 5239.

Mohnike K, et al. (2026) The CrescNet Registry Achondroplasia Module: Real-World Demographic Data and Clinical Outcomes in Untreated and Vosoritide-Treated Individuals. Hormone research in paediatrics, 1.

S Gomes AA, et al. (2026) Identification of Subtype-Selective Binding Sites in the Opioid Receptor Family. Journal of chemical information and modeling, 66(8), 4717.

Budimir A, et al. (2026) Unstructured, disulfide-bridged C-terminus in helminth ?-helical antimicrobial peptides enhances and modulates their activity. Scientific reports, 16(1).

Berrahou S, et al. (2026) HAp@Cell bio-films engineered from local resources involving molecular mechanisms of dye adsorption and antibacterial activity. Scientific reports, 16(1).

Granzhan A, et al. (2026) Topological rules and anomalies in intramolecular G-quadruplex folding: a comprehensive study. Nucleic acids research, 54(9).

Rodrigues FEP, et al. (2026) In Silico Structural Analysis of the Grapevine Serine Protease VviSBT4.19 Involved in Defense against P. viticola. Journal of agricultural and food chemistry, 74(1), 1724.

Frezzini M, et al. (2026) Rationalizing Enhanced Affinity of Engineered T-Cell Receptors in Cancer Immunotherapy Through Interaction Energy Calculations and Residue Correlation Analysis. Proteins, 94(2), 529.

Liang M, et al. (2026) IVCDB: a comprehensive database of iridoviruses for epidemiology, genetic evolution, and disease management. Nucleic acids research, 54(D1), D790.

Kleinöder T, et al. (2026) Eu2Li(C3)H: A Carbide Hydride Phase Incorporating Eu2. Journal of the American Chemical Society, 148(3), 3525.

Nguyen HT, et al. (2026) pH-dependent structural dynamics of neuropeptide Y in aqueous solution. PloS one, 21(3), e0343614.

Klapstova V, et al. (2026) Distinct mechanisms of recognition of phosphorylated RNAPII C-terminal domain by BRCT repeats of the BRCA1-BARD1 complex. The Journal of biological chemistry, 302(1), 111010.

Kálmán ZE, et al. (2026) Structural Modeling and Dynamics of the Full-Length Homer1 Multimer. Proteins, 94(4), 947.

Yadav N, et al. (2026) Leveraging Glycan-Glycan Interactions to Tune the Conformation of Glycan Hairpins and Build Rigid 3D Architectures. Journal of the American Chemical Society, 148(17), 18433.

Moriizumi H, et al. (2026) Spatiotemporal regulation of MKK4 dictates switch-like JNK activation and binary cell-fate decisions. Nature communications, 17(1), 97.

Das A, et al. (2026) Substituent-Based Modulation of Self-Assembly and Immunogenicity of Amphipathic Peptides. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(18), e18567.