

Resource Summary Report

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Gephi

RRID:SCR_004293

Type: Tool

Proper Citation

Gephi (RRID:SCR_004293)

Resource Information

URL: <http://gephi.org/>

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Description: Open-source software for network visualization and analysis helping data analysts to intuitively reveal patterns and trends, highlight outliers and tells stories with their data. It uses a 3D render engine to display large graphs in real-time and to speed up the exploration. Gephi combines built-in functionalities and flexible architecture to: explore, analyze, spatialize, filter, cluterize, manipulate and export all types of networks. Gephi runs on Windows, Linux and Mac OS X. Gephi is based on a visualize-and-manipulate paradigm which allow any user to discover networks and data properties. Moreover, it is designed to follow the chain of a case study, from data file to nice printable maps. It is open-source and free (GNU General Public License). Applications: * Exploratory Data Analysis: intuition-oriented analysis by networks manipulations in real time. * Link Analysis: revealing the underlying structures of associations between objects, in particular in scale-free networks. * Social Network Analysis: easy creation of social data connectors to map community organizations and small-world networks. * Biological Network analysis: representing patterns of biological data. * Poster creation: scientific work promotion with hi-quality printable maps. Gephi 0.7 architecture is modular and therefore allows developers to add and extend functionalities with ease. New features like Metrics, Layout, Filters, Data sources and more can be easily packaged in plugins and shared. The built-in Plugins Center automatically gets the list of plugins available from the Gephi Plugin portal and takes care of all software updates. Download, comment, and rate plugins provided by community members and third-party companies, or post your own contributions!

Abbreviations: Gephi

Resource Type: data processing software, software application, software resource

Keywords: network, visualization, visual analytics, exploratory data analysis, graph, analysis, open source, plugin, filter, cluter, manipulate, export

Availability: GNU General Public License

Resource Name: Gephi

Resource ID: SCR_004293

Alternate IDs: nlx_31183

Record Creation Time: 20220129T080223+0000

Record Last Update: 20260810T040404+0000

Ratings and Alerts

No rating or validation information has been found for Gephi.

No alerts have been found for Gephi.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3607 mentions in open access literature.

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

Liessem S, et al. (2026) Control of walking direction by descending and dopaminergic neurons in Drosophila. Current biology : CB, 36(15), 3808.

Parween S, et al. (2026) Host genome and bacterial taxa shape the Arabidopsis seed microbiome. EMBO reports, 27(1), 122.

Schuster DJ, et al. (2026) Coordinated immune response distinguishes duration of SARS-CoV-2 viral particle shedding in humans. iScience, 29(4), 115277.

Huang W, et al. (2026) Core gastric microbiota linked to pathogenesis and preserved across age-stratified cohorts. Cell reports. Medicine, 7(7), 102905.

Wang Q, et al. (2026) Dietary intake of enrofloxacin promotes the spread of antibiotic resistance from food to simulated human gut. The ISME journal, 20(1).

Zhao C, et al. (2026) Innovative manure via hyper-thermophilic fermentation coupled with heat-resistant phosphate-solubilizing Bacillus inoculation promotes phosphorus transformation by assembling keystone taxa in the oat rhizosphere. Applied and environmental microbiology, 92(1), e0120825.

Liu L, et al. (2026) Microbiome-metabolome generated bile acids gatekeep infliximab efficacy in Crohn's disease by licensing M1 suppression and Treg dominance. Journal of advanced research, 83, 789.

Yang K, et al. (2026) Soil antibiotic resistome in farmland exhibits higher diversity and horizontal transfer potential than adjacent pastureland in agro-pastoral ecotone. *Environmental microbiome*, 21(1).

Liu Q, et al. (2026) Stress-induced enrichment of *Pseudomonas* sp. stimulates the adaptive response of *Auxenochlorella pyrenoidosa* and antibiotic-resistant proliferation. *Microbiome*, 14(1).

Ghosh A, et al. (2026) Inferring the genetic basis of sleep states in *Drosophila melanogaster* using hidden Markov models. *bioRxiv : the preprint server for biology*.

Kafita D, et al. (2026) Decoding the dark genome reveals its organisation into modular disease networks. *Scientific reports*, 16(1).

Zhang B, et al. (2026) The role of quorum sensing in rhizosphere community regulation during bacterial wilt pathogen invasion. *Frontiers in plant science*, 17, 1685007.

Wang J, et al. (2026) Straw incorporation combined with double ridge-furrow plastic film mulching enhances soil organic carbon and rhizosphere soil bacterial dynamics on the Loess Plateau. *PeerJ*, 14, e20874.

Sahoo I, et al. (2026) Sex-dependent developmental changes in behavior, brain structure, functional connectivity, and sensory perception following exposure to psilocybin during adolescence. *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*, 51(7), 1310.

Liu Z, et al. (2026) Nitrogen addition has negative effects on bacterial diversity and stability, but simulated grazing mitigates these effects. *Frontiers in microbiology*, 17, 1747173.

Le G, et al. (2026) Integrating network pharmacology, microbiomics, and metabolomics to uncover the therapeutic effect of Liubao tea on osteoarthritis. *Frontiers in immunology*, 17, 1746350.

Gu C, et al. (2026) A lung microbial signature for postoperative recurrence in stage I-II non-small cell lung cancer. *Respiratory research*, 27(1).

Germani F, et al. (2026) Analyzing Misinformation and Disinformation: Understanding Swiss COVID-19 Narratives Through Natural Language Processing Analysis. *JMIR infodemiology*, 6, e76441.

Liu Y, et al. (2026) Evolutionary and Transcriptomic Analyses of the Plant TPST-Sulfated Peptides System, with Insights from Woody *Liriodendron chinense*. *Plants (Basel, Switzerland)*, 15(7).

Ai J, et al. (2026) *Bacillus* populations restore amino acid metabolism in *Mesorhizobium* under saline-alkali stress to enhance nitrogen fixation efficiency. *The ISME journal*, 20(1).