

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: 20260905T133040+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 [Kravitz](#) .

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.

Ge Z, et al. (2026) Plant Functional Traits and Soil Properties Shape Soil Microbial Communities in *Larix principis-rupprechtii* Mixed Plantations. *Biology*, 15(3).

Shen Z, et al. (2026) Microbial mechanisms of rhizosphere nitrogen cycling mediated by cotton root exudates under nitrogen reduction: roles of thiamine and L-lysine. *BMC plant biology*, 26(1).

Cai XX, et al. (2026) SiCmiR Atlas: Single-Cell miRNA Landscape Reveals Hub-miRNA and Network Signatures in Human Cancers. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(16), e14446.

Serrano GA, et al. (2026) Environmental gradients and habitat specificity structure benthic microbial assemblages in a temperate seagrass ecosystem. *bioRxiv : the preprint server for biology*.

Lukaševičienė V, et al. (2026) Adapting research ethics for global health crises: a systematic analysis of COVID-19 pandemic research guidelines and reflections on their post-pandemic implications. *BMC medical ethics*, 27(1), 18.

Kou C, et al. (2026) Rare Microbial Taxa Dominate the Microecological Landscape of Cadmium Exposure in Rice Rhizosphere. *Microbial ecology*, 89(1), 42.

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).

Garcia-Ramos C, et al. (2026) The network neuropsychology of neighborhood deprivation in juvenile myoclonic epilepsy. *Scientific reports*, 16(1).

Ladislau JV, et al. (2026) Native Bees as Key Pollinators of Açaí (*Euterpe oleracea*) in the Central Amazon. *Neotropical entomology*, 55(1).

Lu Q, et al. (2026) Rhizosphere microbiome dynamics and hormonal interactions regulating tiller development in sugarcane cultivars. *Scientific reports*, 16(1).

Jia Z, et al. (2026) Phosphorus application, nutrient absorption, and endophytic root bacterial communities in maize grown in phosphorus-deficient rocky arid soils, China. *Scientific reports*, 16(1).

Zhu S, et al. (2026) Revealing the Selenium-Mediated Regulatory Mechanisms of *P. stratiotes* in Response to Nanoplastics Stress from Multiple Perspectives of Transcriptomics, Metabolomics, and Plant Physiology. *Toxics*, 14(3).