Resource Summary Report

Generated by nidm-terms on Jul 28, 2026

MCL

RRID:SCR_024109
Type: Tool

Proper Citation

MCL (RRID:SCR_024109)

Resource Information

URL: https://micans.org/mcl/

Proper Citation: MCL (RRID:SCR_024109)

Description: Software tool as general purpose cluster algorithm for both weighted and unweighted networks. Unsupervised cluster algorithm for graphs based on simulation of stochastic flow in graphs. Cluster algorithm for graphs.

Synonyms: , Markov Cluster Algorithm, MCL, mcl

Resource Type: software library, software resource, software toolkit

Defining Citation: PMID:22144159

Keywords: cluster algorithm for graphs, general purpose cluster algorithm, weighted and unweighted networks, graphs, simulation of stochastic flow in graphs,

Resource Name: MCL

Resource ID: SCR_024109

Alternate URLs: https://sources.debian.org/src/mcl/

License: GNU General Public License, version 3.

Record Creation Time: 20230824T050212+0000

Record Last Update: 20260728T043703+0000

Ratings and Alerts

No rating or validation information has been found for MCL.

No alerts have been found for MCL.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Cheng L, et al. (2025) Genome assembly of Stewartia sinensis reveals origin and evolution of orphan genes in Theaceae. Communications biology, 8(1), 354.

Sundararajan R, et al. (2025) Loss of correlated proteasomal subunit expression selectively promotes the 20SHigh state which underlies luminal breast tumorigenicity. Communications biology, 8(1), 55.

Nath R, et al. (2025) Lineage-Specific Class-A GPCR Dynamics Reflect Diverse Chemosensory Adaptations in Lophotrochozoa. Molecular biology and evolution, 42(3).

Bisht MS, et al. (2024) Genome of the most noxious weed water hyacinth (Eichhornia crassipes) provides insights into plant invasiveness and its translational potential. iScience, 27(9), 110698.

Denoeud F, et al. (2024) Evolutionary genomics of the emergence of brown algae as key components of coastal ecosystems. Cell, 187(24), 6943.

Rubert DP, et al. (2023) Efficient gene orthology inference via large-scale rearrangements. Algorithms for molecular biology : AMB, 18(1), 14.

Najle SR, et al. (2023) Stepwise emergence of the neuronal gene expression program in early animal evolution. Cell, 186(21), 4676.

Wang X, et al. (2023) QTG-Miner aids rapid dissection of the genetic base of tassel branch number in maize. Nature communications, 14(1), 5232.

Yildirim A, et al. (2023) Evaluating the role of the nuclear microenvironment in gene function by population-based modeling. Nature structural & molecular biology, 30(8), 1193.