

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

[influential](#)

RRID:SCR_028517

Type: Tool

Proper Citation

influential (RRID:SCR_028517)

Resource Information

URL: <https://github.com/asalavaty/influential>

Proper Citation: influential (RRID:SCR_028517)

Description: Software R package for identifying and ranking influential nodes in biological and other complex networks. Implements the Integrated Value of Influence (IVI), Experimental data-based Integrative Ranking (ExIR), SIRIR, and numerous network centrality measures, enabling network topology analysis, influential node detection, feature prioritization, and candidate biomarker discovery. Provides functions for network reconstruction, centrality assessment, visualization, and analysis of relationships between centrality measures. Used for identification and classification of the most influential nodes.

Resource Type: software toolkit, source code, software resource

Defining Citation: [PMID:33205118](#)

Keywords: identification and classification of influential nodes, network reconstruction, centrality assessment, visualization, analysis of relationships between centrality measures,

Availability: Free, Available for download, Freely available

Resource Name: influential

Resource ID: SCR_028517

Alternate URLs: <https://cran.r-project.org/package=influential>

License: GNU GPL v3

Record Creation Time: 20260605T195314+0000

Record Last Update: 20260815T183316+0000

Ratings and Alerts

No rating or validation information has been found for influential.

No alerts have been found for influential.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Salavaty A, et al. (2022) Systematic molecular profiling of acute leukemia cancer stem cells allows identification of druggable targets. Heliyon, 8(10), e11093.