Resource Summary Report

Generated by NIF on Apr 23, 2025

CoPub

RRID:SCR_005327
Type: Tool

Proper Citation

CoPub (RRID:SCR_005327)

Resource Information

URL: http://services.nbic.nl/copub/portal/

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Description: Text mining tool that detects co-occuring biomedical concepts in abstracts from the MedLine literature database. It allows batch input of multiple human, mouse or rat genes and produces lists of keywords from several biomedical thesauri that are significantly correlated with the set of input genes. These lists link to Medline abstracts in which the co-occurring input genes and correlated keywords are highlighted. Furthermore, CoPub can graphically visualize differentially expressed genes and over-represented keywords in a network, providing detailed insight in the relationships between genes and keywords, and revealing the most influential genes as highly connected hubs.

Abbreviations: CoPub

Resource Type: data access protocol, web service, service resource, software resource

Defining Citation: PMID:18442992

Keywords: microarray, gene, literature, enrich, annotate, network, database, differential expression, bio.tools

Funding: Netherlands Bioinformatics Centre

Availability: Free, Public, Acknowledgement requested

Resource Name: CoPub

Resource ID: SCR_005327

Alternate IDs: OMICS_01178, biotools:copub

Alternate URLs: https://bio.tools/copub

Old URLs: http://services.nbic.nl/cgi-bin/copub/CoPub.pl

Record Creation Time: 20220129T080229+0000

Record Last Update: 20250423T060228+0000

Ratings and Alerts

No rating or validation information has been found for CoPub.

No alerts have been found for CoPub.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Auerbach S, et al. (2016) Prioritizing Environmental Chemicals for Obesity and Diabetes Outcomes Research: A Screening Approach Using ToxCast™ High-Throughput Data. Environmental health perspectives, 124(8), 1141.

Wang J, et al. (2015) Pathway and network approaches for identification of cancer signature markers from omics data. Journal of Cancer, 6(1), 54.

Ruff M, et al. (2015) The Disintegrin and Metalloprotease ADAM12 Is Associated with TGF-?-Induced Epithelial to Mesenchymal Transition. PloS one, 10(9), e0139179.

Himmelstein DS, et al. (2015) Heterogeneous Network Edge Prediction: A Data Integration Approach to Prioritize Disease-Associated Genes. PLoS computational biology, 11(7), e1004259.

Friberg PA, et al. (2010) Transcriptional effects of progesterone receptor antagonist in rat granulosa cells. Molecular and cellular endocrinology, 315(1-2), 121.