

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

KLEIO

RRID:SCR_000698

Type: Tool

Proper Citation

KLEIO (RRID:SCR_000698)

Resource Information

URL: <http://www.nactem.ac.uk/Kleio/>

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Description: An information retrieval system that provides knowledge enriched searching facilities across the ever growing MEDLINE collection, the world's most comprehensive source of life sciences and biomedical bibliographic information. The semantic faceted search, using named entity recognition, can be accessed from your browser. By combining a selection of software services they can provide enhanced results through a process that identifies key entities within the text, such as gene names or proteins, and improves the querying method with unique identifiers by automatically including synonyms, spelling variants and even disambiguating acronyms. This combines with the traditional features found in other interfaces to provide a much needed solution to the growing problem of finding valuable information within the ever increasing volume of modern publications. The current available categories: * PROTEIN, GENE, METABOLITE, DISEASE, SYMPTOM, ORGAN, * DIAG_PROC, THERAPEUTIC_PROC, (diagnostic/therapeutic procedure, e.g. MRI, cerebral blood flow) * GENERAL_PHENOM, HUMAN_PHENOM, NATURAL_PHENOM, (Medical phenomenon or process, e.g. UV radiation) * INDICATOR (Reagent or diagnostic aid, e.g. hydrogen peroxide, sulfhydryl reagent) * ACRONYM, AUTHOR, PUBLICATIONTYPE (e.g. Journal Article, Technical Report) Reference: C. Nobata, P. Cotter, N. Okazaki, B. Rea, Y. Sasaki, Y. Tsuruoka, J. Tsujii and S. Ananiadou. Kleio: a knowledge-enriched information retrieval system for biology. In Proc. of the 31st Annual International ACM SIGIR Conference, pp. 787--788, 2008

Abbreviations: KLEIO

Resource Type: service resource

Keywords: semantic search, entity recognition

Funding: JISC

Availability: Acknowledgement required, See Terms of Use

Resource Name: KLEIO

Resource ID: SCR_000698

Alternate IDs: OMICS_01186, nlx_44954

Alternate URLs: <http://www.nactem.ac.uk/software/kleio/>

Record Creation Time: 20220129T080203+0000

Record Last Update: 20260725T190450+0000

Ratings and Alerts

No rating or validation information has been found for KLEIO.

No alerts have been found for KLEIO.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ananiadou S, et al. (2015) Event-based text mining for biology and functional genomics. Briefings in functional genomics, 14(3), 213.

Ananiadou S, et al. (2011) Named entity recognition for bacterial Type IV secretion systems. PloS one, 6(3), e14780.

Ananiadou S, et al. (2010) Supporting the education evidence portal via text mining. Philosophical transactions. Series A, Mathematical, physical, and engineering sciences, 368(1925), 3829.