

Resource Summary Report

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Bioscholar

RRID:SCR_001380

Type: Tool

Proper Citation

Bioscholar (RRID:SCR_001380)

Resource Information

URL: <http://www.isi.edu/projects/bioscholar/overview>

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Description: Knowledge management and engineering system software for experimental biomedical scientists permitting a single scientific worker (at the level of a graduate student or postdoctoral worker) to design, construct and manage a shared knowledge repository for a research group derived on a local store of PDF files. Usability is especially emphasized within a laboratory so that this software could provide support to experimental scientists attempting to construct a personalized representation of their own knowledge on a medium scale. The BioScholar system uses a graphical interface to create experimental designs based on the experimental variables in the system. The design is then analyzed to construct a tabular input form based on the data flow. They call this methodology "Knowledge Engineering from Experimental Design" or "KEfED". The approach is domain-independent but domain-specific modules reasoning can be constructed to generate interpretations from the observational data represented in the KEfED model. The application is available for download as platform-specific installers including Linux, Unix, Mac OS, and Windows. The installer will install an application that will run the BioScholar server. This server uses Jetty as its integrated web server.

Abbreviations: BioScholar

Resource Type: software resource, software application, source code

Defining Citation: [PMID:21859449](#)

Keywords: knowledge engineering from experimental design, protocol, lab data management, knowledge engineering, kefed, experimental design, curate, model, scientific experiment, data repository, experimental variable, biomedical, bioinformatics

Funding: NCRR 1 U24 RR025736;
NIGMS R01-GM083871

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Bioscholar

Resource ID: SCR_001380

Alternate IDs: nlx_152541

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260806T054321+0000

Ratings and Alerts

No rating or validation information has been found for Bioscholar.

No alerts have been found for Bioscholar.

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 [NIF](#) .

Burns GA, et al. (2016) Automated detection of discourse segment and experimental types from the text of cancer pathway results sections. Database : the journal of biological databases and curation, 2016.