

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

BioIE: Extracting Informative Sentences From the Biomedical Literature

RRID:SCR_013464

Type: Tool

Proper Citation

BioIE: Extracting Informative Sentences From the Biomedical Literature
(RRID:SCR_013464)

Resource Information

URL: <http://umber.sbs.man.ac.uk/dbbrowser/bioie/>

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Description: BioIE is a rule-based system that extracts informative sentences relating to protein families, their structures, functions and diseases from the biomedical literature. Based on manual definition of templates and rules, it aims at precise sentence extraction rather than wide recall. After uploading source text or retrieving abstracts from MEDLINE, users can extract sentences based on predefined or user-defined template categories. BioIE also provides a brief insight into the syntactic and semantic context of the source-text by looking at word, N-gram and MeSH-term distributions. Important Applications of BioIE are in, for example, annotation of microarray data and of protein databases.

Synonyms: BioIE

Resource Type: software resource, software toolkit, data or information resource, database

Keywords: family, function, biomedical, context, disease, distribution, literature, medline interfaces, mesh-term, microarray, n-gram, protein, semantic, structure, syntactic

Resource Name: BioIE: Extracting Informative Sentences From the Biomedical Literature

Resource ID: SCR_013464

Alternate IDs: nif-0000-21055

Record Creation Time: 20220129T080316+0000

Record Last Update: 20260801T042719+0000

Ratings and Alerts

No rating or validation information has been found for BioIE: Extracting Informative Sentences From the Biomedical Literature.

No alerts have been found for BioIE: Extracting Informative Sentences From the Biomedical Literature.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Li N, et al. (2020) KGHC: a knowledge graph for hepatocellular carcinoma. BMC medical informatics and decision making, 20(Suppl 3), 135.

Nim HT, et al. (2015) CARFMAP: A Curated Pathway Map of Cardiac Fibroblasts. PloS one, 10(12), e0143274.