

Extract Documents by Year for Burst Detection

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Description

This algorithm extracts all of the document titles, abstract texts, full texts, and publication years included in the ISI dataset. It produces a table designed to be processed by [the burst detection algorithm](#). This table consists of the following columns:

- *Title*: If provided, the title of the document.
- *Abstract*: If provided, the abstract text of the document.
- *Title and Abstract*: If provided, the title and the abstract text of the document combined into one field (in case you want to detect bursts over both).
- *Year*: The year this document was published.

Usage Hints

Load an ISI file into the tool, then create a database from it using [the ISI database loader](#).

Given your ISI database, run this extraction on it. [Normalize the text of the results](#) on the column you are detecting bursts on (*Title*, *Abstract*, or *Title and Abstract*). Run burst detection on the results of the normalized text.

Implementation Details

The specific query run by the tool can be found in the [source code](#).

Links

- [Load ISI File into Database](#)
- [Normalize Text?](#)
- [Burst Detection](#)

See Also

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