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Development of an Information Retrieval Tool for Biomedical Patents

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### Highlights

- The paper proposes a patent information retrieval pipeline, able to search and retrieve patent data from relevant databases.
- The proposed pipeline can recover both metadata and full texts associated to patents.
- The patent pipeline is integrated within @Note2, an open-source user-friendly software framework for biomedical text mining, in the form of a new plug-in.
- Integration with @Note allows a number of text mining tools to be applied to abstracts and full texts of patents
- Two case studies were used to demonstrate the pipeline's main features and show its potential uses.

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