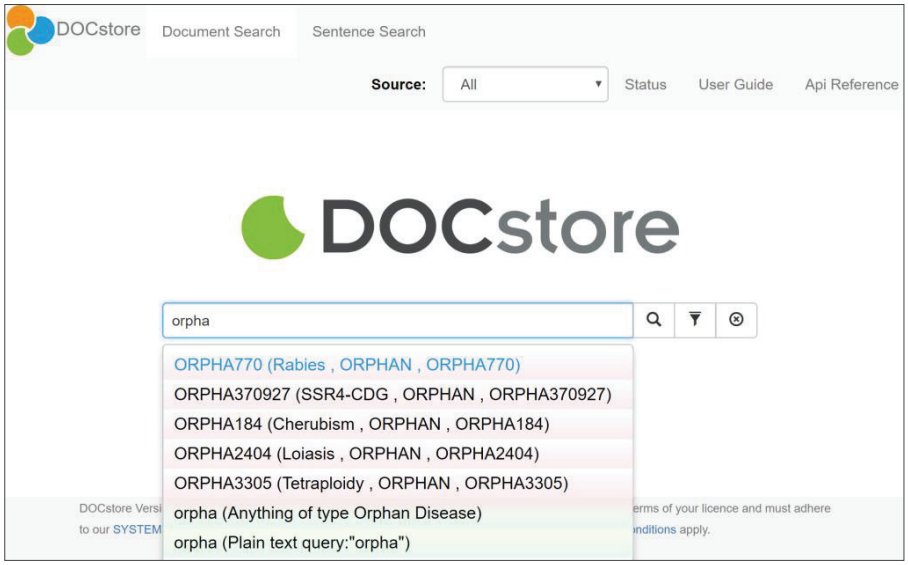
DOCstore

SciBite
an ELSEVIER company

Datasheet

Intelligent search for unstructured data



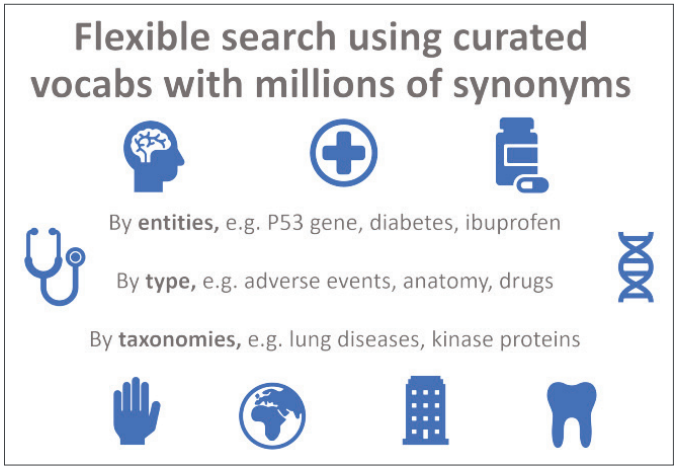
- **VERSATILE:** handles millions of documents from Medline, CT.gov, NIH grants, news, PDF and more
- **SEMANTIC SEARCH:** searches by entity, entity type, text or taxonomies
- **ANALYTICS:** co-occurrence at document and sentence levels, faceted results

Scientific Search, Evolved

Search engines and the indexes behind them are nothing new in the digital age for targeted retrieval of information. However,very few are built specifically for biosciences, and even fewer are supported by smart indexes capturing not only keywords but also their semantics(meanings),which are critical for search precision(e.g. whether "GSK" refers to a gene or a pharmaceutical company).For knowledge discovery to keep up with the ever-growing volume of textual content from public and private sources, researchers nowadays need an intelligent search tool that quickly identifies relevant documents and suggests semantically related content that is most likely to be of interest.

Powered by TERMite and VOCabs

We designed DOCstore as the next generation,end-user search application. It combines an intuitive user interface with a biologically-aware, smart index that provides key functionalities such as as-you-type auto-complete and faceting filters for refining search results.



The smart index is built with SciBite's core technologies: TERMite, the named entity recognition engine,and VOCabs, the expertly curated reference library containing millions of scientific terms and their synonyms. Users can therefore search and analyze a collection of semantically tagged and linked documents.

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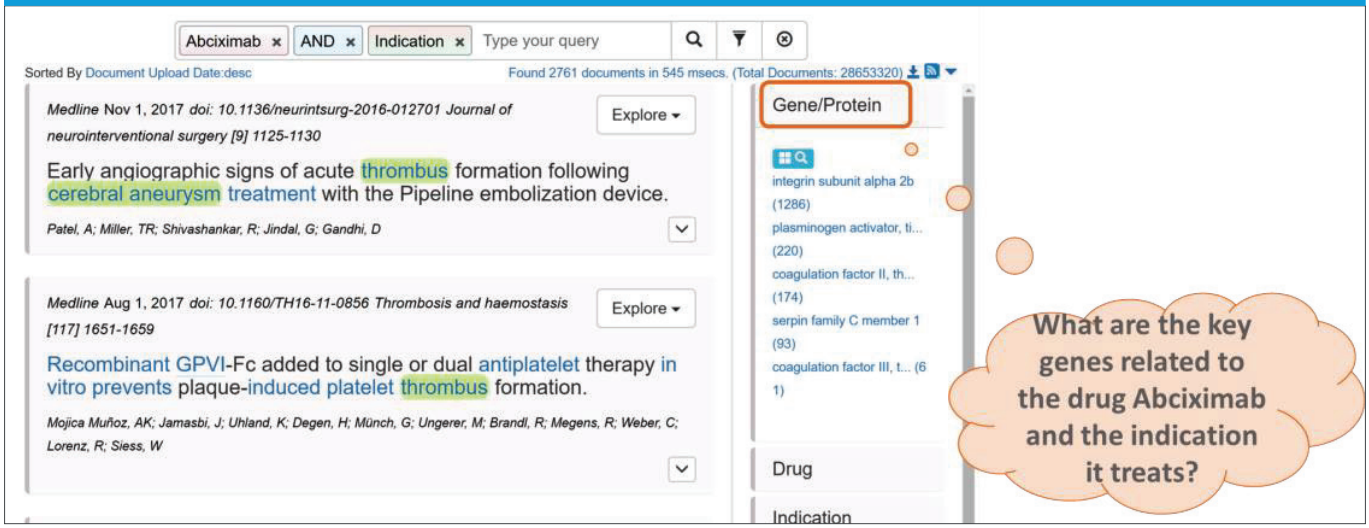
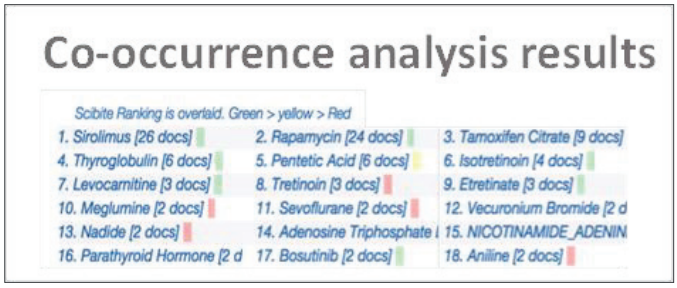
Facets for semantic filtering



Analyze a network of documents

DOCstore search operates at the document and sentence levels. Users receive not just a flat list of hits, but a network of documents which relate to one another semantically. To make the most of this network, DOCstore provides two key analysis capabilities:

- **Facets:** quickly switch direction or refine existing search results with faceted entities related to your original query.
- **Co-occurrence analysis:** find the terms co-occurring with your query term. A relevancy algorithm displayed as simple traffic light colours highlights the significant associations.



Scalable,multi-source repository for a multitude of use cases

Simple to deploy, DOCstore can be set up on and run from a standard laptop in under 5 minutes. It is designed to scale to handle a vast amount of information,such as the entire Medline library,in these use cases:

- Create a highly enriched, more analytical in-house version of Medline.
- Combine multiple data sources such as grants, trials and literature into a broad literature search tool
- Create bespoke project team databases; organize your team's documents
- Build a business/competitive intelligence platform to share information across your organization

About SciBite

SciBite's data-first, semantic analytics software is for those who want to innovate and get more from their data. At SciBite we believe data fuels discovery and we are leading the way with our pioneering infrastructure that combines the latest in machine learning with an ontology-led approach to unlock the value of scientific content. Supporting the world's leading scientific organisations with use-cases from discovery through to development, SciBite's suite of fast, flexible, deployable API technologies empower our customers, making it a critical component in scientific, data-led strategies. Contact us to find out how we can help you get more from your data.

To learn how SciBite can unlock the value of your data, speak to one of our experts today or email us at contact@scibite.com

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