Qinsight™
Quick Manual
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Introduction

As part of the new strategy and their claim “Connecting and Advancing Health Sciences”, Karger Publishers connects and promotes Health Sciences in partnership with academic research institutions, societies and industry.

Karger’s consulting approach PACS (Publish – Access – Curate – Services) covers a broad range of services and different needs along the research cycle. It offers a wide range of services from a single source and can therefore fully adapt to the individual requirements and client needs.

In the area of “Curation” Karger Publishers decided to become a major shareholder in Quertle, the award-winning company that has developed the first biomedical-specific AI Big Data Visual Analytics Engine: Qinsight™.

Benefits:

• Deeper, more relevant discovery due to an AI-based platform
• Analysis of informative text
• Methodology specific to the biomedical field
• Predictive visual analytics
• More than 44 million documents, including more than 18 million full text
• Direct access to millions of PDFs
• Fully encrypted for security
About Qinsight™

At the beginning of 2019, Karger became a major shareholder in Quertle, the award-winning company that has developed Qinsight™, the first biomedical-specific AI Big Data Visual Analytics Engine.

Qinsight™ covers more than 44 million authoritative documents, extracting over 3 billion author-stated facts. More than 18 million of the documents are full text, with the informative content being searchable in Qinsight™.

The content categories are:

**Journal Articles**: All data of PubMed, providing worldwide coverage of literature for biomedical science, life science, chemical science, and more. Includes full-text articles from Oxford University Press, the US National Academy of Sciences, and Karger Publishers.

**HSTalks**: Covering online seminars by leading world experts in biomedical and life sciences.

**NIH Grants**: Providing insight into what is being worked on even before journal publication.

**Toxline**: Including both NTIS documents and Riskline.

**Patent Grants**: Covering all US granted patents, not just those classified as biomedical.

**Patent Applications**: Covering all US patent applications, not just those classified as biomedical.

**AHRQ Treatment Guidelines**: Covering clinical practice guidelines from the National Guidelines Clearinghouse.

**Health and Life Science News**: Providing access to breaking information without waiting for full publication.

Sophisticated filter systems, concept selection options, input fields and source selection enable the user to specifically dig deeper into the core of their field of research or specialist terminology and thus to establish connections, and find and classify relevant data in the shortest possible time.

Enjoy a new research experience with Qinsight™ and learn how to apply its vast range of functions.
Qinsight™ searches for statements by the author(s) that meaningfully combine all your search terms to find the most focused results. Simply use natural English language: Qinsight™ will understand you and will also be aware of synonyms and abbreviations.

We recommend you focus your first query on the core concepts, such as “what causes ...”. Only then add additional terms like “mice” to filter the results.

Authors, journals, and institutions can also be entered in the search bars provided for this purpose. Even the search for patents is supported and can be selected by clicking the option “Show Additional Patent Search Options +”.

**Our tip:**

Add your restrictions such as authors, journals, or institutions only after your first search.

After selecting and entering your search parameters, start the search by clicking on the “Search” button.

Additional help for individual search functions can be obtained by hovering the mouse pointer over the question marks next to the search bars.

For further help you might want to watch the provided short videos that demonstrate the individual functions. These are available below the main screen.

In addition, you can view detailed instructions on this page, which will give you an in-depth insight into how Qinsight™ works.
1. Focused = Qinsight™ has linked your search terms in a meaningful way
2. Broader = Traditional keyword search (also covers MeSH) but with ontology applied
3. Search for the terms you are familiar with; Qinsight™ finds all synonyms automatically
4. Filters are dynamic; click and results are updated. Let the AI show you either positive or negative results only
5. Save, annotate, and discuss with the peer of your choice – all in a secure, private environment
6. Direct access to millions of PDFs or link to full-text documents through your library’s holdings
7. Key concepts related to your query are automatically identified
Concept Building

Qinsight™’s AI automatically discovers concepts specifically related to your research interests. As you explore results, AI updates the relevant concepts on the fly.

Example: “What causes lung cancer?“:
Qinsight™ has been trained to think like a scientist and has a clear understanding of your question.

The concepts may show you areas of research you have not been aware of when starting your search.

1 Key concepts are listed in order of evidence
2 Refine your search by using general, biomedical concepts or actions which describe relation between search terms
3 Click on a key concept to dig deeper into your search
4 New concepts are created on the fly

$WhatAll
microRNA
cancer
EGFR
knock-down
over-expression
chemotherapy
therapy

causes
induction
inhibition
suppression
regulation
contribution
target

causes
suppression
lung cancer
non-small cell lung car...
pulmonary adenocarcinoma
mesothelioma
small cell lung carcinoma...
lung squamous cell ca...
Visual Analytics

Qinsight™ supports interactive, visual analytics to propel exploration and understanding way beyond what is possible from lists of results and to uncover otherwise hidden information. These approaches help you find the results you were looking for and answer questions you did not even think of asking.

**Concept Trends**

Example: You want to know “What causes lung cancer in relation to microRNA”

1. Click on the “Concept Trends” icon
2. The concepts are visualized as bubbles. The size of each bubble is proportionate to the number of documents it stands for.
3. Hovering over the bubble will show you the full description of the concept. The AI will give you trend information if available.
4. Red fringe: concept is expected to become more important in the future.
5. Blue: expected to become less important.
Connections

Using this visualization you can find out how often two key concepts are connected in a meaningful relationship, not just co-occurring in a document. Let us assume that you are researching the connection between “what causes lung cancer” and “microRNA”. See below how to connect these two concepts.

1. Click on the “Connections” icon
2. Choose a different order (using the above drop-down box) to emphasize different aspects
3. Dark orange: often light orange: infrequent an empty grey cell: no connection in the results. Click on a cell to select results that contain both concepts.
4. Along the diagonal, the intensity of the blue color indicates the frequency of the term.
Concept Cloud

The concept cloud is much more powerful than a traditional word cloud. In our search question “factors related to lung cancer” are blue, “lung cancer” is green, “general concepts” are red, and “causes” are purple. An interactive legend is provided at the top.

1. Click on the icon “Concept Cloud”.
2. You will see at once all the concepts relating to your field of interest. The size of each concept bubble is proportionate to the number of documents.
3. Click on a concept to view the search results residing behind it.
The Category Map helps you explore the current results by categorizing them into pre-defined topics of interest.

Select a main category from the drop-down box above.

Click on a rectangle to zoom in and see sub-categories. Further sets of categories can be developed by Quertle on request.

In case of the “Practice Area” category find out which medical disciplines are related to your research question.

Practice Area – e.g. Surgery
Industry – e.g. Pharmaceutical Industry
Disease Severity – Grade 1, 2, etc.; Tumor Types
Anatomy – e.g. Digestive System, Respiratory System
News Topic – e.g. US FDA
Country
Risk Factors
Export

All search results can easily be exported to any other system that accepts CSV or RIS files.

1. Click on the “Export” icon in “Focused Results”.
2. Choose either all results or make a selection.

3. Click on the “Export” icon in the Key Concepts section.
4. Choose either the TOP 100 Key Concepts or all of them.
My Space

My Space is your individual place to:

• Save searches
• Save articles
• Discuss documents with colleagues
• Choose your preferences and change your profile

Instructions:
To save searches to this page, click the Save Search+Filters link at the top right on the Results page.
To rerun a Saved Search and apply the saved filters, click the icon.
To activate weekly Alerts for new articles matching your query, check the box in the Alert column. Note: Alerts, by their nature, ignore Publication Date Filters.
To remove a Saved Search, click the icon.
Your saved searches are encrypted (during transmission and on the server) and are private to you.

My Space: Log in or Register