HOW TO...

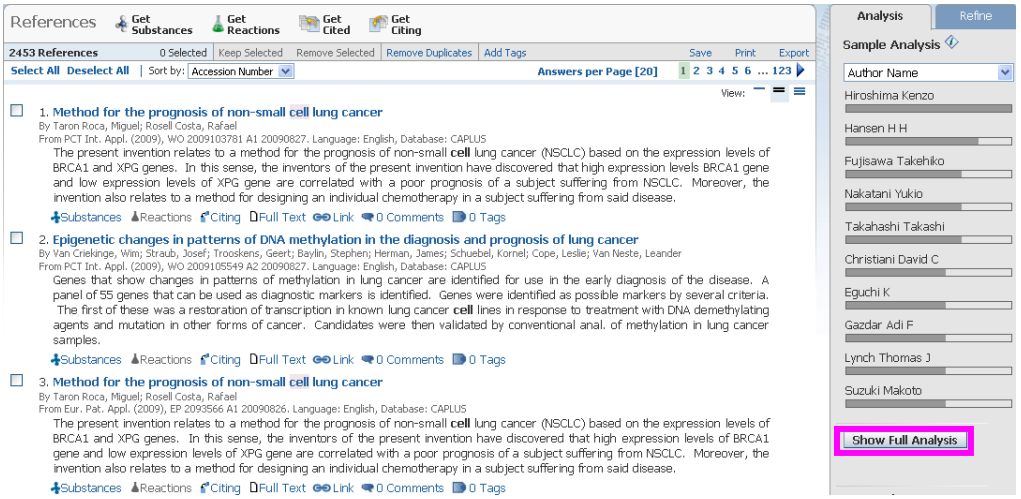
Analyze Reference Answer Sets

SciFinder®

Analyze is one of the many SciFinder® tools that allow you to explore, evaluate, and review your reference answer sets. You can view trends in research as well as identify primary researchers and organizations within a subject area.

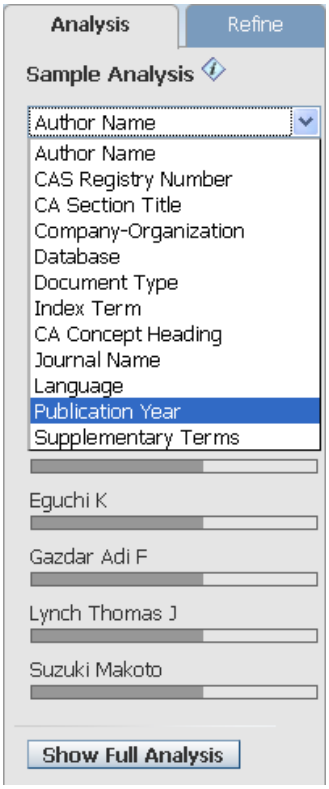
1. When references are displayed, an analysis of the answer set automatically appears at the right.

   Analyze by Author Name is the default, and the first 10 analysis bars are displayed. Each bar represents a subset of the answer set. The number at the right indicates the number of answers in the subset.



Tip: For answer sets with more than 1,000 references, a sample analysis is initially displayed. To conduct the full analysis, click **Show Full Analysis**.

2. (Optional) To change the analysis category, select another option from the drop-down menu.



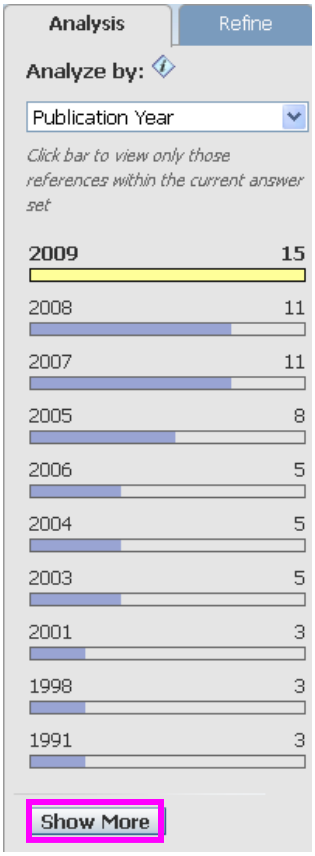
Tips:

Select this option...	**To identify...**
Author Name	Key researchers publishing in a technology area
CAS Registry Number	Substances reported in a technology area
CA Section Title	Records with a primary technical focus
Company-Organization	Organizations actively publishing in a technology area
Database	The breakdown of records by database
Document Type	The breakdown of records by original publication type
Index Term	Records with a primary technical focus
CA Concept Heading	Records related to the concept term
Journal Name	Articles published in particular journals of interest
Language	Records written in your preferred language
Publication Year	Publishing trends in a technology area, including the newest and oldest records
Supplementary Terms	Records with a primary technical focus

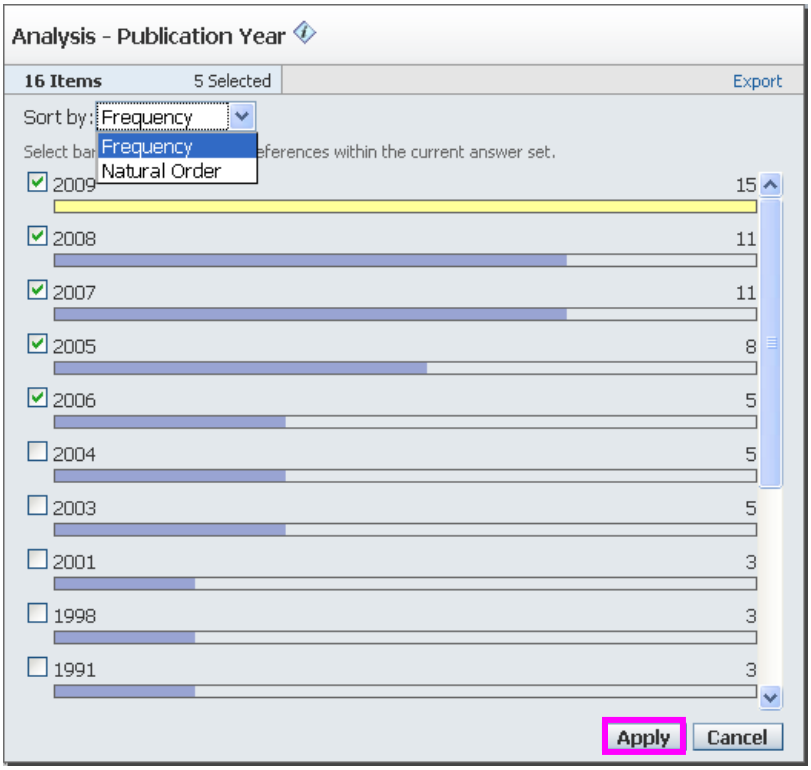
For example, select Publication Year to see trends over time. Each bar represents a publication year, and the number to the right is the number of answers in your answer set with that publication year.

3. To display just one subset, click an analysis bar.

   The bar you clicked turns yellow. Although the answer set is unchanged, only the references in the analysis subset display.



To select multiple subsets at once, click **Show More**. Then select the subsets of interest and click **Apply**.



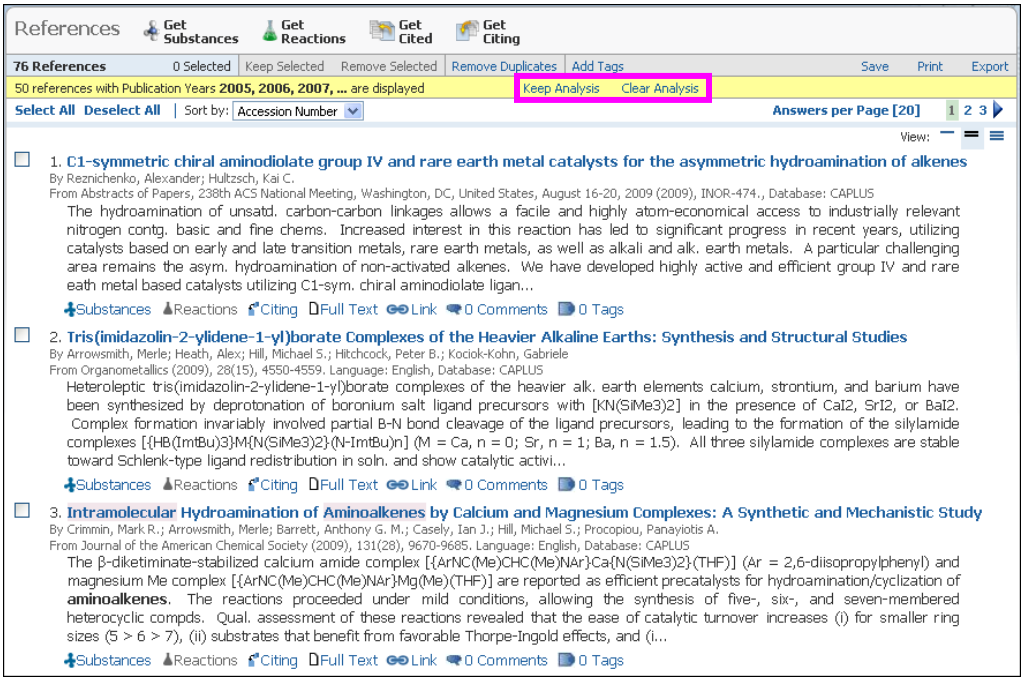
Tip: Display the bars in your preferred order with the **Sort by** options:

- **Frequency** displays only the top 500 bars.
- **Natural Order** displays all bars in alphanumeric order.

4. The filtered answer set displays. This is indicated by the message displayed in yellow.

   To create a new answer set containing only the references in the analyzed set, click **Keep Analysis**.

   To return to the full answer set (without the analysis applied), click **Clear Analysis**.



5. Work with references...

SciFinder allows you to work with reference answer sets in a variety of ways. For hints and tips, see the How To Guides for:

- Working with Reference Answer Sets: Overview
- Refine Reference Answer Sets
- Categorize Reference Answer Sets
- Comment on References
- Tag References
- Access Full Text
- Identify Related Citations
- Print, Save, and Export Results

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CAS Customer Care
Phone: 800-753-4227 (North America)
614-447-3700 (worldwide)
Fax: 614-447-3751
E-mail: help@cas.org
Internet: www.cas.org