
J. Denice Lewis
Friday, June 3, 2022
Agenda

What is Denice’s why?
How we search now
Adding qualitative to the quantitative
Assessing your resources: Identifying retractions, withdrawals, etc.
Visualizing your search results
Integrating artificial intelligence and information literacy
Connecting with Denice on social media
Contacting Denice via email or phone
Meet the presenter

3rd career librarian

- Electrical Engineering, BS & MS
- Culinary arts, AA
- Library and Information Science, MS
A little bit about me . . .
A graduate Physics student couldn’t find an article on Web of Science

What topic are you researching...

What I am trying to do is find all the scientific papers which reference a particular article titled “On Continued Gravitational Collapse” that was published in 1939 and attached below. The issue is that the database I am using called Web of Science doesn’t seem to have this specific article.
<table>
<thead>
<tr>
<th>Resource</th>
<th>Citation Count</th>
<th>Create an Alert</th>
<th>Extracting the Data and Additional Information</th>
</tr>
</thead>
</table>
| Google Scholar | 2038           | Yes             | I would recommend using the software Publish or Perish to extract the information from Google Scholar. Information on using Harzing’s Publish or Perish is available at [https://libguides.libraries.wsu.edu/c.php?g=294448&p=1960387](https://libguides.libraries.wsu.edu/c.php?g=294448&p=1960387).  
| Semantic Scholar | 1,180         | Yes             | Semantic Scholar contains different filters that you can use to limit/target the results. However, you cannot export the results. |
| LENS.ORG      | 1,349          | Yes             | LENS.ORG provides a variety of ways to analyze the citation results. The video [https://www.screencast.com/t/8t5y9mOhP1E](https://www.screencast.com/t/8t5y9mOhP1E) provides a way to filter the results by journal article and view different visualizations analyzing the citations.  
Create an account to create a dynamic collection. You can export the results. To circumvent the 1,000 record limitation, batch the export by filtering by the year of the publication. |
| Dimensions.ai | 1,061          | Yes             | Create an account to set an alert as well as to export the citations. To export the citations, click on the “View in Dimensions” button, click the link “Show all” to the left of Publication Citations, and after logging in, Save/Export will appear in the bar at the top of the page. |
| Scite.ai      | 1,209          | Yes             | Scite.ai is a new tool and is free. It provides contextual analysis of the citations. You can see where the citation appears with the text of the citing document as well as if the citation is supporting, mentioning, contrasting, or unclassified.  
You will need to create an account to set up an alert as well as to download the report citations. |
9 out of the 11 students were seniors (82%)
How do we search now?

- Keywords
- Boolean logic
- Databases
- Controlled vocabulary
- Phrase searching “ ”
- Grouping
- Google or another metasearch engine

Truncation (*)
How do we search now?

Citation Research

A.K.A.
- citation searching
- citation chaining
- citation mining
- reference mining

Influence of mesopore volume and adsorbate size on adsorption capacities of activated carbons in aqueous solutions
By: Hsieh, Chien-Tao, Teng, Hsi-Sheng
Carbon (2000), 38(6), 863-869 | Language: English, Database: CAplus
Adding the qualitative to the quantitative

Let’s talk about scite.ai
scite.ai

- Smart citation statements
- See citation in context
- Citations tagged as supporting, contrasting, or mentioning
- Additional features . . .
- Fee-based, however the browser extension is free!
Assessing your resources: Identifying retractions, withdrawals, etc.

Let’s talk about scite.ai
Reference Check

Upload a document (manuscript, grant, preprint, or published paper) to check the reliability of its references. Check out an example or see how it works.

Upload a PDF or docx document from your computer:

Choose File or drag it here

No file chosen

Or paste a valid document (PDF or docx) URL

Generate Report

Cancel

scite.ai

Use Reference Check to verify the references in a document

Example
What are ways that we can visualize resources?

Let’s talk about Connected Papers and Inciteful.xyz
Semantic Similarity measures for citations

- **Bibliographic coupling:** Two resources are connected if their references list one or more documents in common.
- **Co-citation:** Two resources are cited frequently within the same document.
Connected Papers

- Visual representation of similarity between papers
- Utilizes co-citation and bibliographic coupling
- How it works . . .
- Free!
Inciteful.xyz

- A powerhouse!
- How to use it . . .
- Free!

Cellular dielectrophoresis: Applications to the characterization, manipulation, separation and patterning of cells

Zachary R. Gagnon

ELECTROPHORESES vol 32 | DOI: 10.1002/aeps.201100000

264 Cited By
96 Citing
2011 Published
No Open Access
20,176 Papers in Graph
243,640 Citations in Graph
2 Graph Depth

Add Papers to the Graph
Keywords
[hello AND world] NOT cite

Min Distance

Max Distance

Min Year

Max Year

Filter

Click on the purple plus signs (+) to add the most interesting papers to the graph. We recommend that you add at least five papers to the graph in order to find the most relevant results. If the papers below don’t seem relevant, use the keyword filter to find the ones which are.

Learn More --

Hanson, 2016
Integrating artificial intelligence and information literacy

Let's talk about Open Knowledge Maps and Research Rabbit
Open Knowledge Maps

- Get an overview of a research topic
- Clusters similar articles together
- Separates open access content from paywall content
- Uses text similarity and algorithms
Research Rabbit

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- Uses text similarity and algorithms
New Tools for Efficiently Finding, Evaluating, and Visualizing Research
www.linkedin.com/in/jdenicelewis
Public way to post professional accomplishments and musings of an STEM academic librarian
Thank you!

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