Web of Science

Guide to Major Features

What is Web of Science?

- Literature database designed to support scientific and scholarly research

- Free access when connected to Eduroam or off-campus with your UMass Amherst NetID

Why should I use Web of Science?

- Quickly find, analyze, and share journal articles in many disciplines

- Find full text articles quickly and easily

- Easily export citations in many file formats

- Save searches and create alerts to stay updated with your topics of interest with a Web of Science account
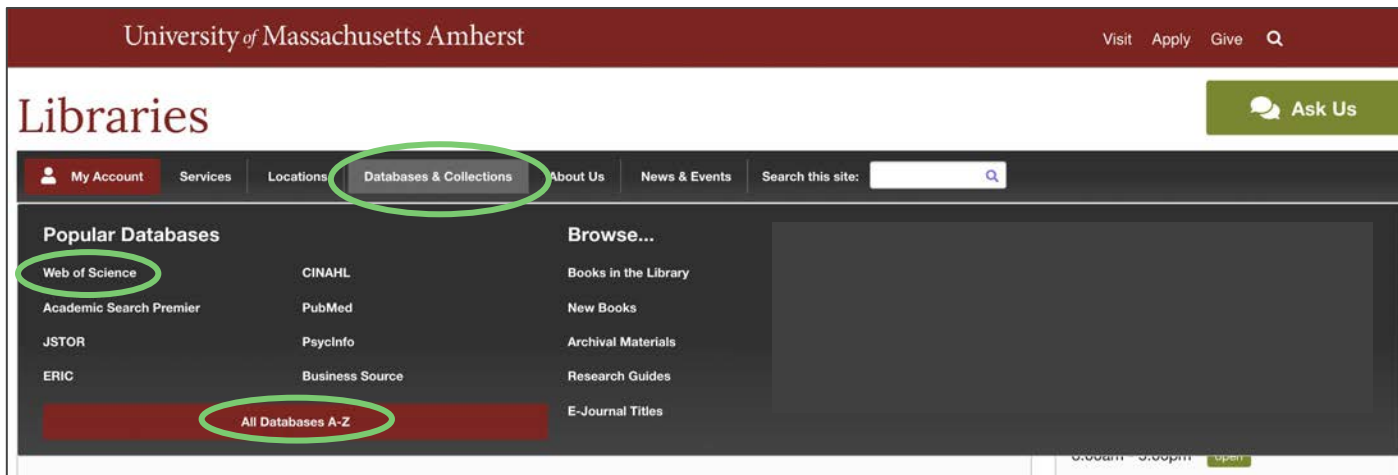
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Accessing Web of Science

How to Access Web of Science at UMass Amherst

- Go to the **UMass Amherst Library Site**: https://www.library.umass.edu/#

- Click on "**Databases & Collections**" in the Menu panel

- **Web of Science** should be the first link under "**Popular Databases**"

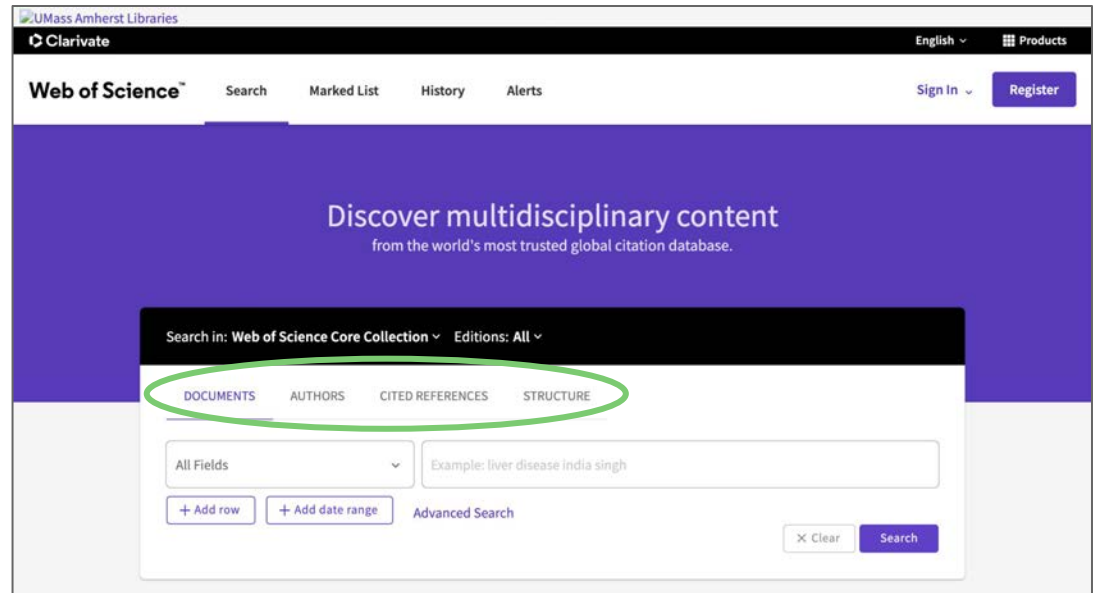 - You can also search through "**All Databases A-Z**" for Web of Science

The Web of Science Platform

The Web of Science Search Page

- This is Web of Science's main page where you start all of your searches
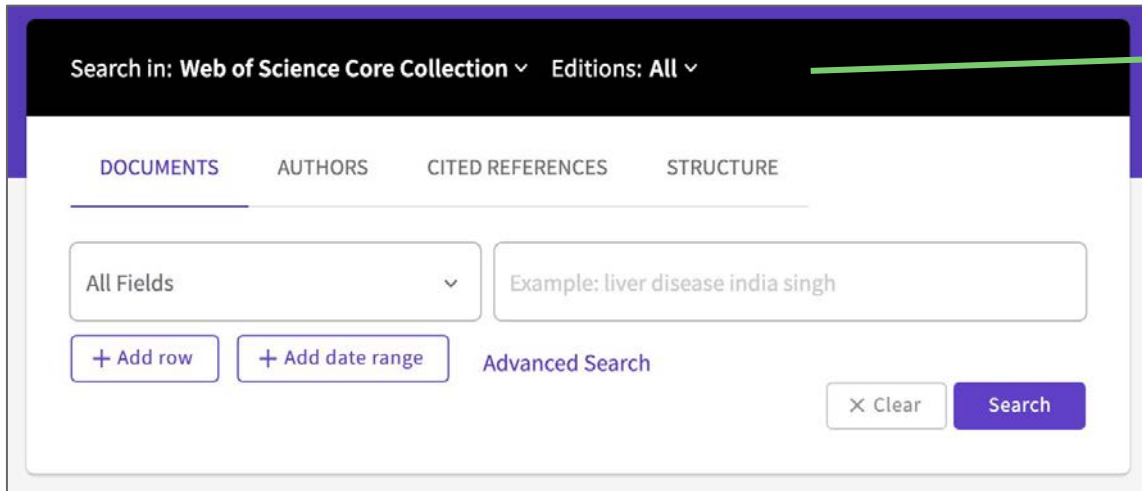
I. Documents

II. Authors

III. Cited References

- This guide will walk you through different searches on Web of Science:

I. Documents Search

I. Documents Search

1. Select a Database
   a. Default is Web of Science Core Collection
   b. Click the **Down arrow** on the top to change the database

Documents Search - cont'd

2. **Type your search into the designated box**

   a. "All Fields" is the default search option
      i. This searches all of the searchable fields in one query
      ii. Click the **Down arrow** to switch your search option (by Topic, Title, Author, etc.)

   b. Click "**+ Add Row**" or "**+ Add Date Range** " to add additional search criteria

3. **Click the Search button to start your search!**

Web of Science Core Collection ˅
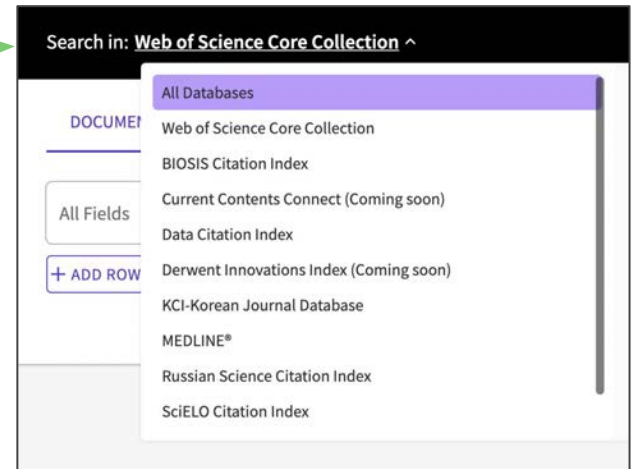
DOCUMENTS   AUTHORS   CITED REFERENCES   STRUCTURE

All Fields   Example: liver disease india singh

+ Add row   + Add date range   Advanced Search

✕ Clear   Search

Search box!

All Fields   ^

Search

All Fields
Topic
Title
Author
Publication Titles
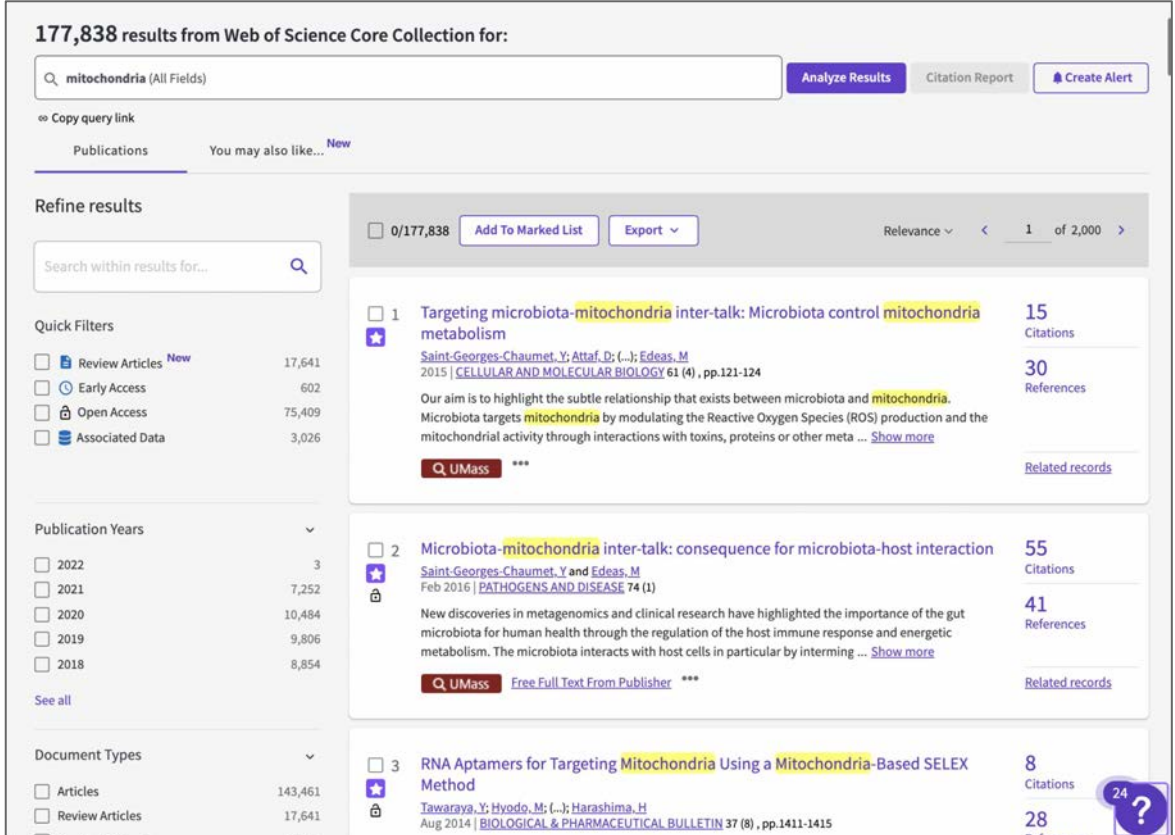Year Published
Affiliation
Publisher
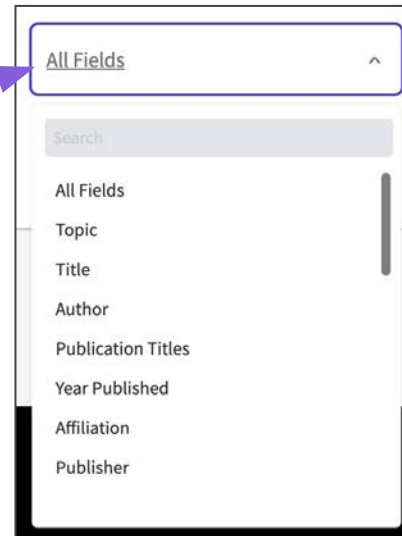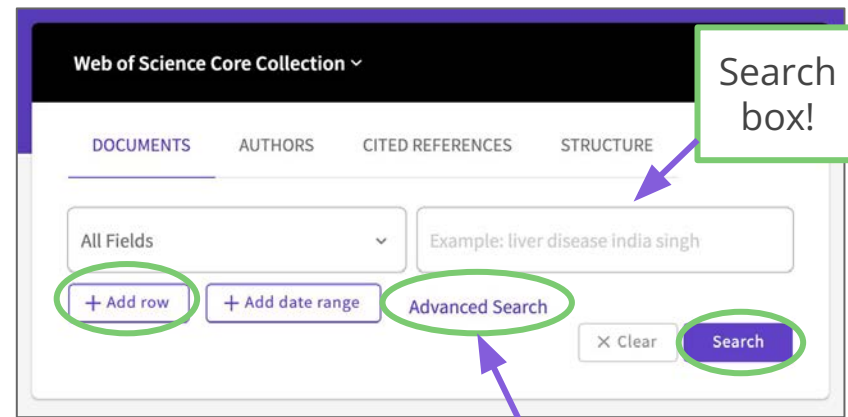
If you are familiar with Boolean Operators and the Web of Science Field Tags, you can narrow your search using the Advanced Search Query Builder!

Documents Search Results

Once you click **Search** from the Documents search, you will be brought to a page full of results based on your query

You can filter your results to narrow down your search:

- Sort results

- Refine results with different filters

177,838 results from Web of Science Core Collection for:

mitochondria (All Fields)

Analyze Results | Citation Report | Create Alert

∞ Copy query link

Publications | You may also like... New

Refine results

Search within results for...

0/177,838 | Add To Marked List | Export ∨ | Relevance ∨ | 1 of 2,000

Quick Filters

- Review Articles New — 17,641
- Early Access — 602
- Open Access — 75,409
- Associated Data — 3,026

1. Targeting microbiota-mitochondria inter-talk: Microbiota control mitochondria metabolism
Saint-Georges-Chaumet, Y; Attaf, D; (...); Edeas, M
2015 | CELLULAR AND MOLECULAR BIOLOGY 61 (4), pp.121-124
Our aim is to highlight the subtle relationship that exists between microbiota and mitochondria. Microbiota targets mitochondria by modulating the Reactive Oxygen Species (ROS) production and the mitochondrial activity through interactions with toxins, proteins or other meta ... Show more

Q UMass ***

15 Citations

30 References

Related records

Publication Years ∨

- 2022 — 3
- 2021 — 7,252
- 2020 — 10,484
- 2019 — 9,806
- 2018 — 8,854

See all

2. Microbiota-mitochondria inter-talk: consequence for microbiota-host interaction
Saint-Georges-Chaumet, Y and Edeas, M
Feb 2016 | PATHOGENS AND DISEASE 74 (1)
New discoveries in metagenomics and clinical research have highlighted the importance of the gut microbiota for human health through the regulation of the host immune response and energetic metabolism. The microbiota interacts with host cells in particular by interming ... Show more

Q UMass | Free Full Text From Publisher ***

55 Citations

41 References

Related records

Document Types ∨

- Articles — 143,461
- Review Articles — 17,641

3. RNA Aptamers for Targeting Mitochondria Using a Mitochondria-Based SELEX Method
Tawaraya, Y; Hyodo, M; (...); Harashima, H
Aug 2014 | BIOLOGICAL & PHARMACEUTICAL BULLETIN 37 (8), pp.1411-1415

8 Citations

28 References

Sorting Search Results

- At the top of the search results, you can sort the results to change the order they appear in

  - By default, the results are sorted by Relevance

  - Click on the dropdown and select the order by which you would like to sort the results
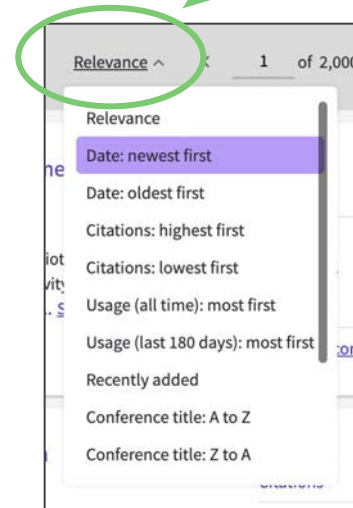
Refining Search Results

You can also filter your search results by refining several categories in the left hand column

- Search within the results
- Toggle boxes on in different categories

Exporting

You can also filter your search results by refining several categories in the left hand column

- Search within the results
- Toggle boxes on in different categories

Refine results	
Search within results for...	🔍
Quick Filters	
🏆 Highly Cited Papers	1,173
🔥 Hot Papers	23
📄 Review Articles New	16,690
🕐 Early Access	582
🔓 Open Access	69,208
🗄 Associated Data	2,882

Publication Years	^
Document Types	⌄
☐ Articles	139,191
☐ Review Articles	16,690
☐ Meeting Abstracts	10,333
☐ Proceedings Papers	5,782
☐ Book Chapters	2,159
See all	
Web of Science Categories	^
Authors	^

Affiliations	^
Publication Titles	^
Publishers New	^
Funding Agencies	^
Open Access	^
Editors	^
Group Authors	^

Research Areas	^
Countries/Regions	^
Languages	^
Conference Titles	^
Book Series Titles	^
Web of Science Index	^
For more options, use Analyze Results	

II. Author Search

II. Author Search

- Search for Author Records associated with an author
  - Perform a **Name Search** or search by **Author Identifiers**
  - You can also select a different database to search through if desired

- After you click "SEARCH", you will be directed right to the author's record

- This is the author's profile which contains information about the author, as well as their publications

III. Cited Reference Search

III. Cited Reference Search

Easily find all of the Web of Science records that have cited a publication, whether or not that publication is indexed in Web of Science.

- Helpful for finding a broad range of related articles

Marked Lists

Marked List

- Create a **list of articles** you want to save for future reference or for exporting in bulk

- Add individual citations by selecting the checkbox next to the desired citation and clicking "**Add to Marked List**"

- Add a range of articles by deselecting all checkboxes and clicking "**Add to Marked List**"
  You will be prompted to input the range of records you want to add

Marked List - cont'd

- A maximum of 5000 records can be added to the Marked List

- Access your marked list from any Web of Science page by clicking "Marked List" on the menu panel
  - If you are signed in, Marked Lists save to your account and can be accessed from any device

- You can sort and refine your marked list in the same ways as the search results
  - There are also tools to analyze the items in your marked list
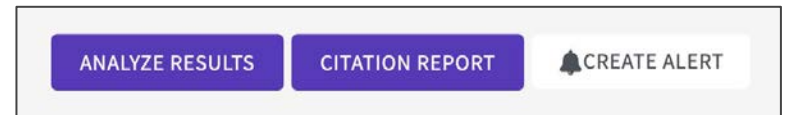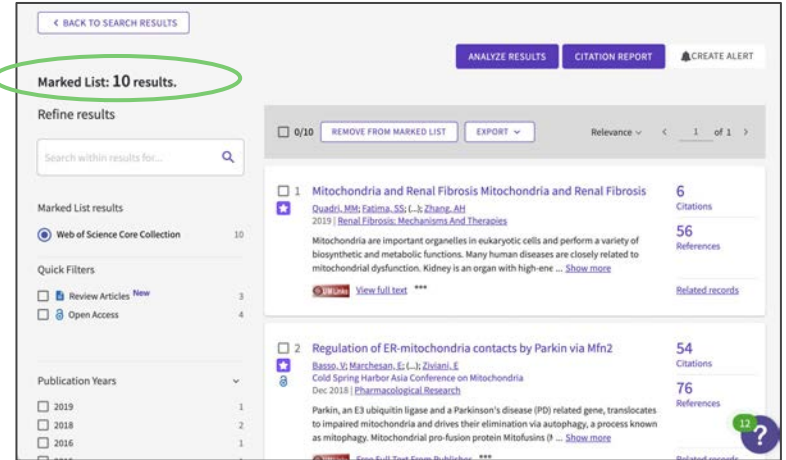
Exporting Citations

Exporting Citations

Export your Marked List

- Navigate to your Marked List

- Click the "**Export**" button at the top of the list
  - Select your desired export format
  - 500 marked records can be exported at a time

- Options to export to a saved file, a reference software, an excel spreadsheet, etc.
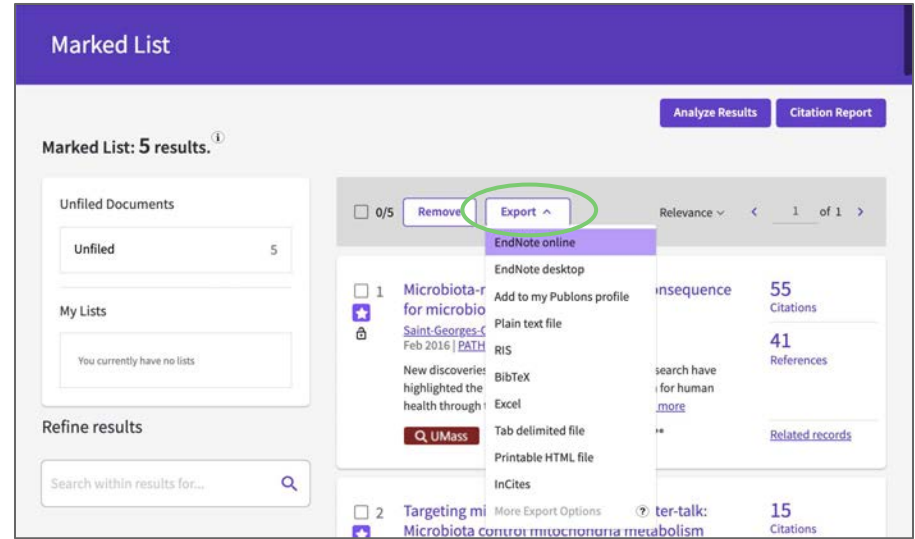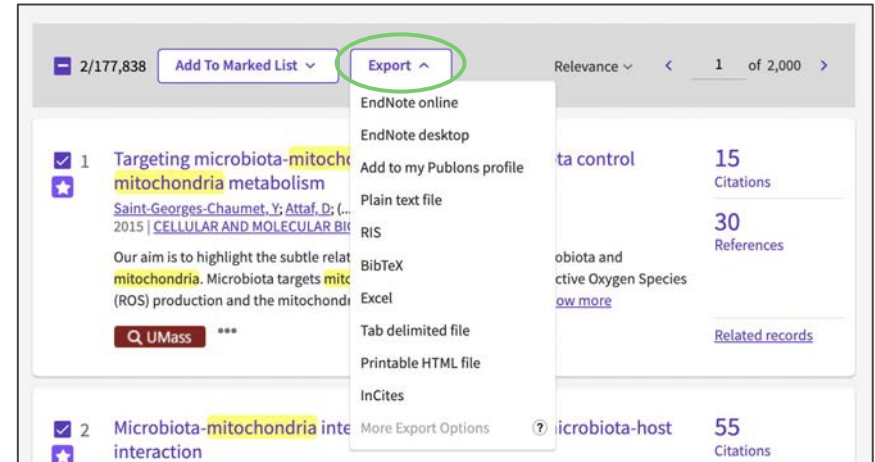
To export to a reference software such as Zotero, export your records in the BibTeX format!

Exporting Citations

Export individual citations

- From the Search Results page:
  - Select the articles you would like to cite by checking the box next to the title
  - Click "Export" at the top of the page
  - Select desired format

- From an individual record page:
  - Click "Export" at the top of the page
  - Select desired format

Downloading Full Text Articles

Once you have found the article you are interested in, you can check if the article has open access or if you are granted access through UMass Amherst

You can click on the **UMLinks logo** directly from the search results:

- Look for this icon

Or you can click on the citation (the paper title) and find ways to access the article at the top of the record's page:
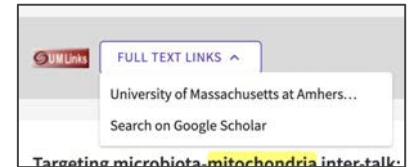
The UMLinks button will bring you to a directory that lists links to the full text article if it is Open Access or if UMass has subscription access to the content.

Other Web of Science Features

Making an account
My Research Assistant Mobile App
Finding additional Web of Science Help
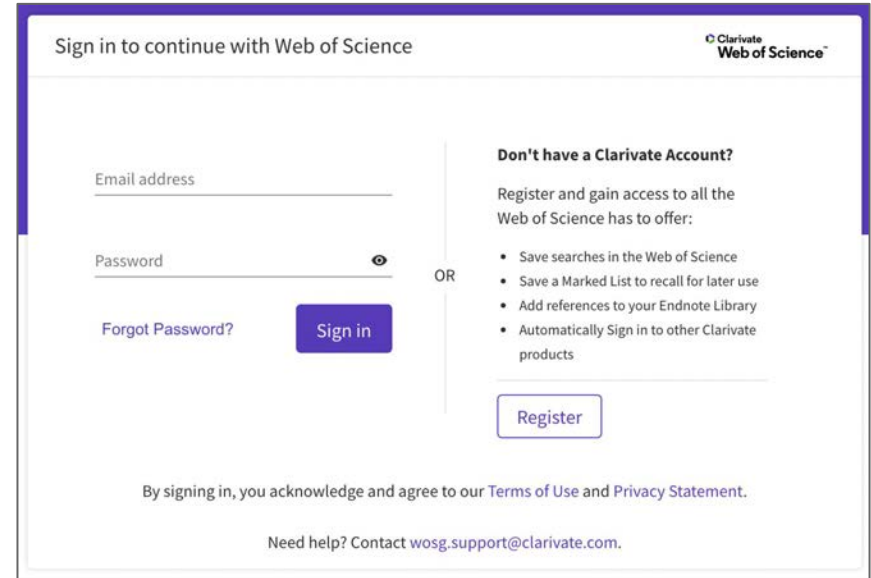
Making a Web of Science Account

Despite having Institutional access through the UMass Libraries to the Web of Science collection, **making an account** is helpful for saving citations and searches so they are available across devices.

Make an account to:

- Save searches

- Save Marked Lists

Web of Science My Research Assistant Mobile App

- Search for articles through Web of Science directly from your phone!

- Available for iOS and Android

For more information about the mobile app including an FAQ: https://clarivate.com/webofsciencegroup/support/myra/
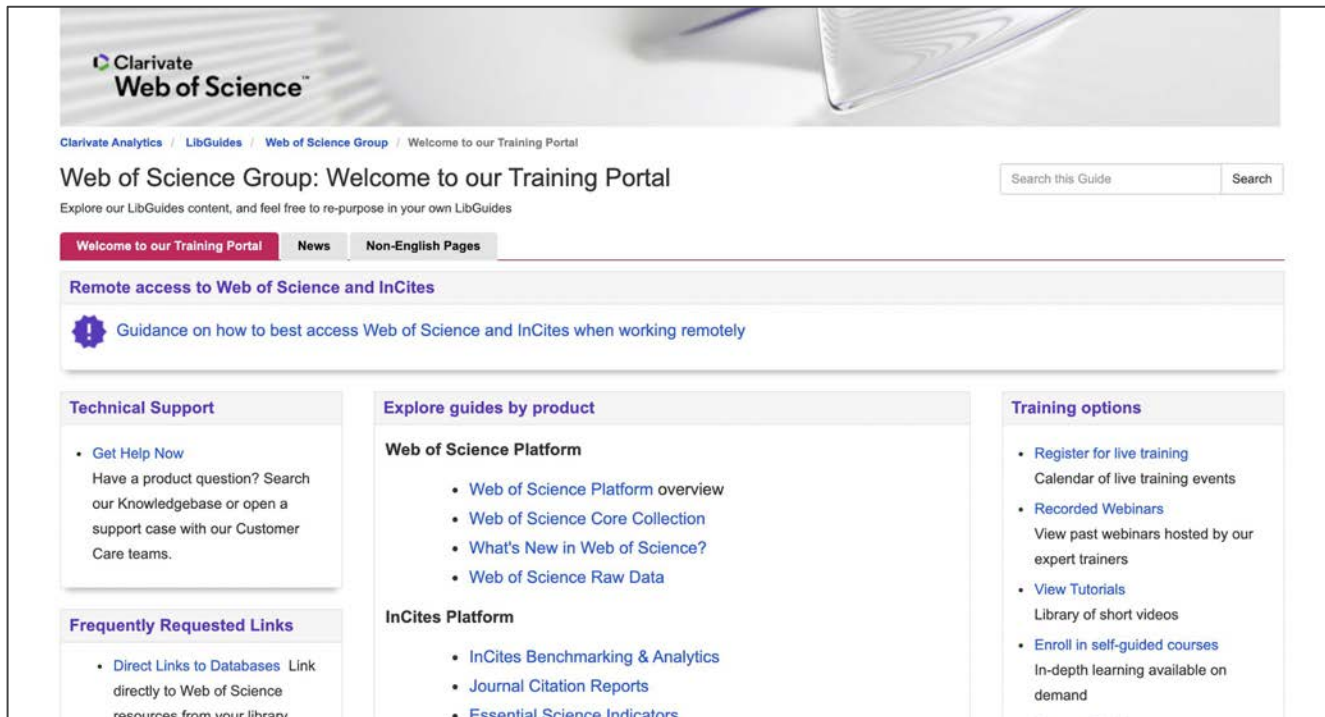
Finding Web of Science Resources & Updates

- On every Web of Science page, there is a question mark button at the bottom right

- Here, you can find Web of Science Resources such as new features, news, and ways to contact the developers

- If you are new to Web of Science, taking a Guided tour may be helpful!
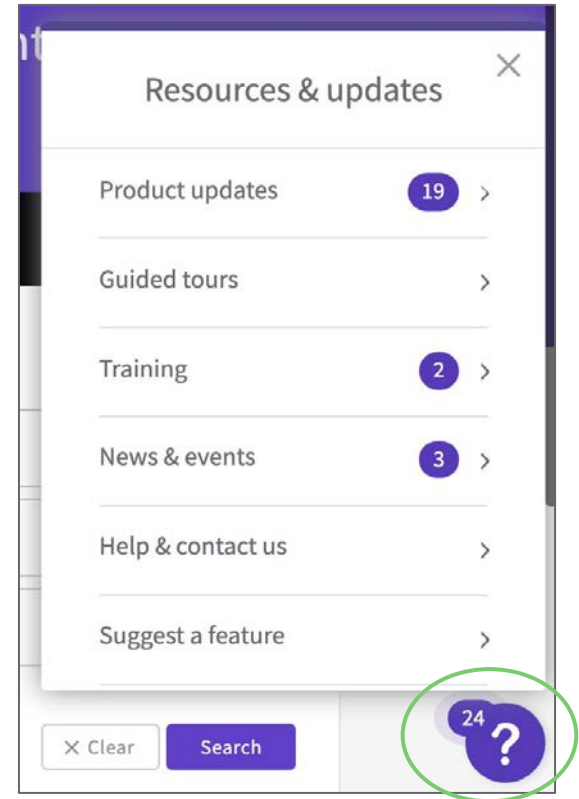
For additional Web of Science help, visit the Training Portal: https://clarivate.libguides.com/home

Questions or Comments?

We hope this guide to Web of Science was helpful!

Fill out our **Google Form** to provide feedback:
forms.gle/hYmKxgo9TDjEyySt6