
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

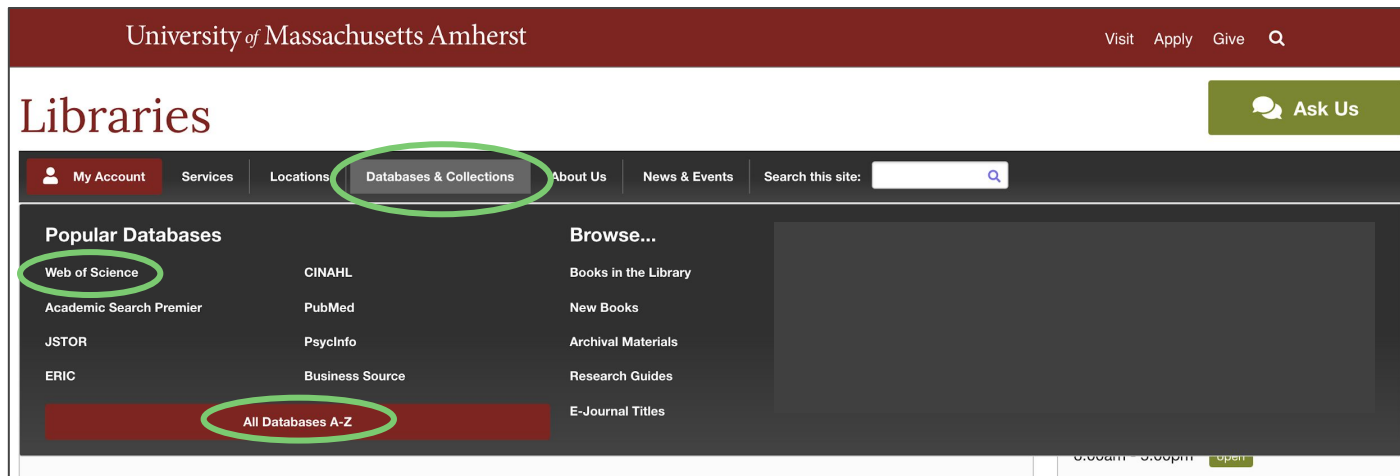
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Accessing Web of Science

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

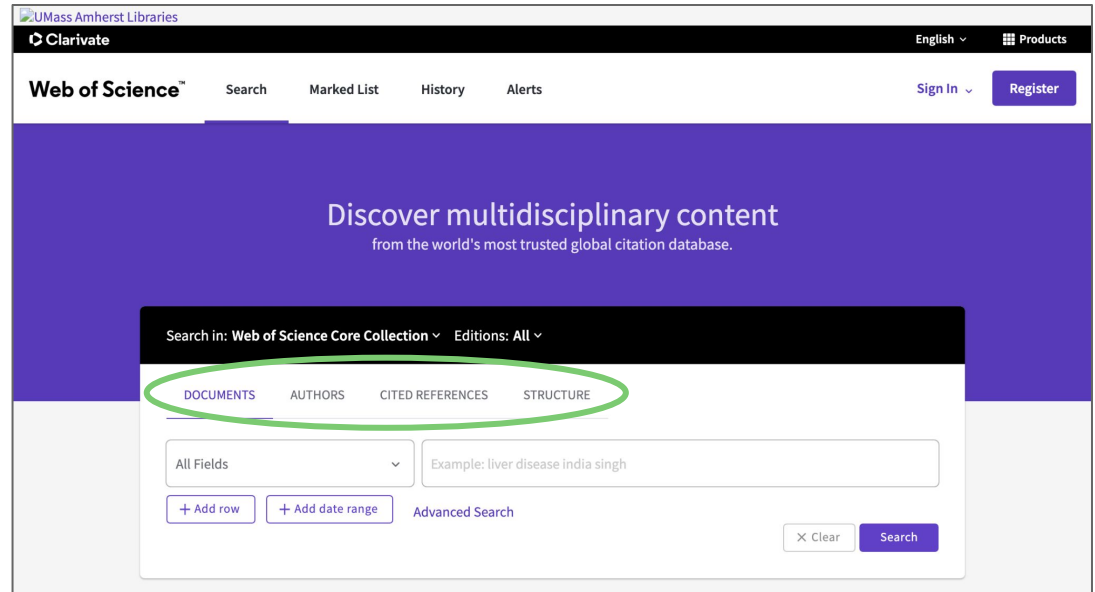


The Web of Science Platform

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

- Default is Web of Science Core Collection
- Click the **Down arrow** on the top to change the database

The image shows two side-by-side screenshots of the Web of Science search interface. The left screenshot shows the main search area with the text 'Search in: Web of Science Core Collection' and a dropdown arrow. A green arrow points from this dropdown to the right screenshot. The right screenshot shows the dropdown menu open, displaying a list of databases: 'All Databases', 'Web of Science Core Collection', 'BIOSIS Citation Index', 'Current Contents Connect (Coming soon)', 'Data Citation Index', 'Derwent Innovations Index (Coming soon)', 'KCI-Korean Journal Database', 'MEDLINE®', 'Russian Science Citation Index', and 'SciELO Citation Index'. The 'Web of Science Core Collection' is currently selected.

Search in: Web of Science Core Collection ▾ Editions: All ▾

DOCUMENTS AUTHORS CITED REFERENCES STRUCTURE

All Fields ▾ Example: liver disease india singh

+ Add row + Add date range Advanced Search

X Clear Search

Search in: Web of Science Core Collection ^

DOCUMENTS

All Fields

+ ADD ROW

All Databases

Web of Science Core Collection

BIOSIS Citation Index

Current Contents Connect (Coming soon)

Data Citation Index

Derwent Innovations Index (Coming soon)

KCI-Korean Journal Database

MEDLINE®

Russian Science Citation Index

SciELO Citation Index

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!

The screenshot shows the 'Web of Science Core Collection' search interface. At the top, there are tabs for 'DOCUMENTS', 'AUTHORS', 'CITED REFERENCES', and 'STRUCTURE'. The 'DOCUMENTS' tab is selected. Below the tabs, there is a search box containing the text 'Example: liver disease india singh'. To the left of the search box is a dropdown menu currently set to 'All Fields'. Below the search box are three buttons: '+ Add row', '+ Add date range', and 'Advanced Search'. To the right of these buttons are a 'Clear' button and a 'Search' button. A green box labeled 'Search box!' points to the search input field. A green circle highlights the 'Advanced Search' button. A green circle highlights the 'Search' button. A green circle highlights the 'All Fields' dropdown menu. A purple arrow points from the 'Advanced Search' button to a separate window showing the search options menu. This menu has a search bar and a list of options: 'All Fields', 'Topic', 'Title', 'Author', 'Publication Titles', 'Year Published', 'Affiliation', and 'Publisher'. A green box on the right contains text about Boolean Operators and the Web of Science Field Tags.

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


All Fields ▾

Search

All Fields
Topic
Title
Author
Publication Titles
Year Published
Affiliation
Publisher

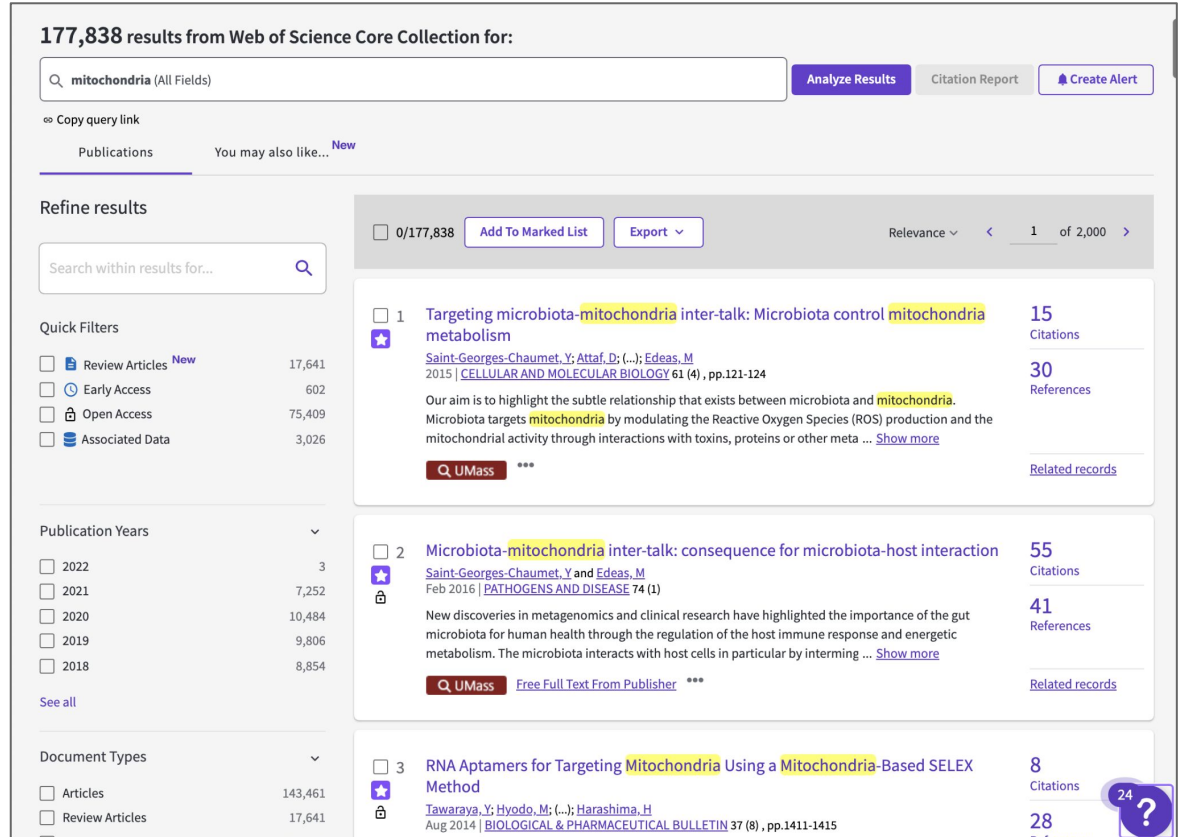
If you are familiar with Boolean Operators and the Web of Science Field Tags, you can narrow your search using the Advanced Search Query Builder!

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:

Q mitochondria (All Fields) **Analyze Results** Citation Report Create Alert

Copy query link

Publications You may also like... **New**

Refine results

Search within results for...

Quick Filters

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

Publication Years

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

[See all](#)

Document Types

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

0/177,838 **Add To Marked List** **Export** Relevance < 1 of 2,000 >

1 Targeting microbiota-mitochondria inter-talk: Microbiota control mitochondria metabolism **15** Citations

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 *** [Related records](#)

2 Microbiota-mitochondria inter-talk: consequence for microbiota-host interaction **55** Citations

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 intermingling ... [Show more](#)

Q UMass [Free Full Text From Publisher](#) *** [Related records](#)

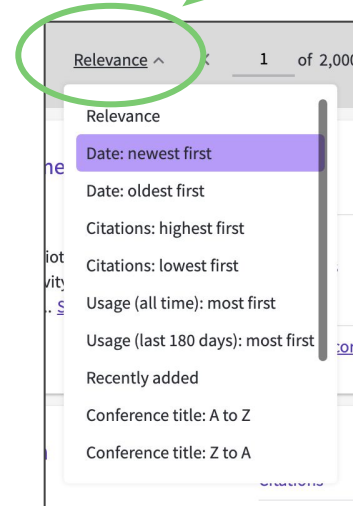
3 RNA Aptamers for Targeting Mitochondria Using a Mitochondria-Based SELEX Method **8** Citations

Tawarayama, Y; Hyodo, M; (...); Harashima, H
Aug 2014 | **BIOLOGICAL & PHARMACEUTICAL BULLETIN** 37 (8) , pp.1411-1415

24 ?

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

Refine results

Search within results for... 

Quick Filters

<input type="checkbox"/>  Highly Cited Papers	1,173
<input type="checkbox"/>  Hot Papers	23
<input type="checkbox"/>  Review Articles New	16,690
<input type="checkbox"/>  Early Access	582
<input type="checkbox"/>  Open Access	69,208
<input type="checkbox"/>  Associated Data	2,882

Publication Years

 ^

Document Types

 v

<input type="checkbox"/> Articles	139,191
<input type="checkbox"/> Review Articles	16,690
<input type="checkbox"/> Meeting Abstracts	10,333
<input type="checkbox"/> Proceedings Papers	5,782
<input type="checkbox"/> 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](#)

Exporting







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

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- Toggle boxes on in different categories

Refine results

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[See all](#)

Web of Science Categories

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Authors

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Publication Titles

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Publishers

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Funding Agencies

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Countries/Regions

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Languages

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Conference Titles

 ^

Book Series Titles

 ^

Web of Science Index

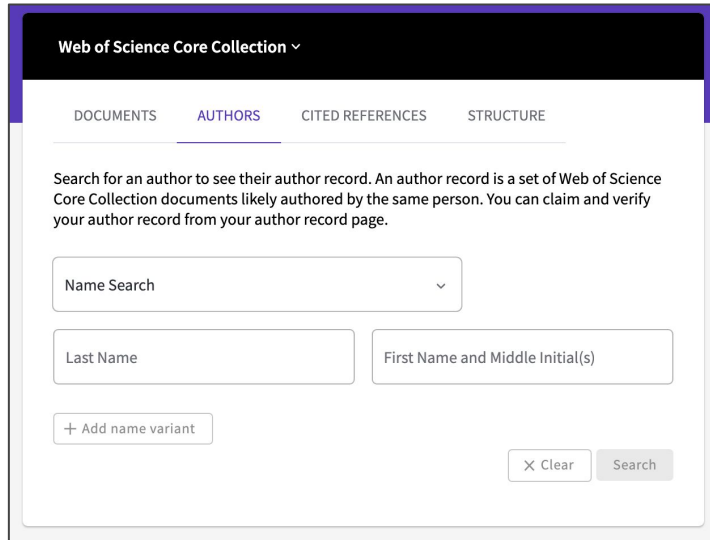
 ^

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



Web of Science Core Collection ▾

DOCUMENTS **AUTHORS** CITED REFERENCES STRUCTURE

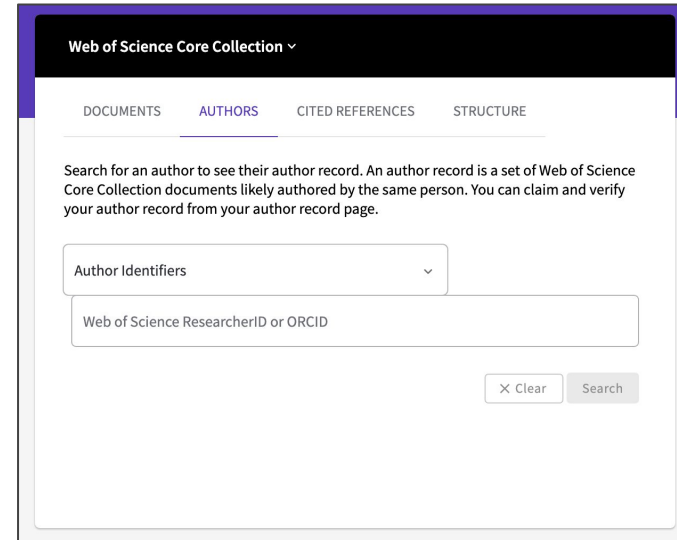
Search for an author to see their author record. An author record is a set of Web of Science Core Collection documents likely authored by the same person. You can claim and verify your author record from your author record page.

Name Search ▾

Last Name First Name and Middle Initial(s)

+ Add name variant

X Clear Search



Web of Science Core Collection ▾

DOCUMENTS **AUTHORS** CITED REFERENCES STRUCTURE

Search for an author to see their author record. An author record is a set of Web of Science Core Collection documents likely authored by the same person. You can claim and verify your author record from your author record page.

Author Identifiers ▾

Web of Science ResearcherID or ORCID

X Clear Search

Search in: Web of Science Core Collection ▾

DOCUMENTS **AUTHORS** CITED REFERENCES STRUCTURE

Search for an author to see their author record. An author record is a set of Web of Science Core Collection documents likely authored by the same person. You can claim and verify your author record from your author record page.

Name Search ▾

Last Name × First Name and Middle Initial(s) ×

[+ Add name variant](#)

[× Clear](#) [Search](#)

Vierling, Elizabeth *This is an algorithmically generated author record ⓘ*

Dept Biochem & Mol Biol
AMHERST, MA, USA

About

Published names	Vierling, E	Vierling, Elizabeth	Vierling, E.
Organizations ⓘ	2012-2021	University of Massachusetts System	
	1988-2017	University of Arizona	
	1985-1985	University of Georgia	
	1980-1980	University of Chicago	

PUBLICATIONS AUTHOR IMPACT BEAMPLOT

133 Publications from the Web of Science Core Collection

[VIEW AS SET OF RESULTS](#) Date: Newest first ▾ All Publications ▾ < 1 of 3 >

Auxin efflux controls orderly nucellar degeneration and expansion of the female gametophyte in Arabidopsis
Wang, Junzhe; Guo, Xiaolong; (...); Xu, Shengbao
Published 2021 | [NEW PHYTOLOGIST](#) 0 Times Cited

Are you this Author?
Verify your work, and control how your name, title, institution, and profile image appears in your Web of Science Author Record.
[CLAIM MY RECORD](#)

Author Metrics

Author Impact Beamplot Summary ⓘ

Percentile range displays for authors from 1980 to 2019. View all publications in full beamplot.
[VIEW FULL BEAMPLOT](#)

Citation Network ⓘ

63 H-Index	133 Total Publications
15,183 Sum of Times Cited	7,957 Citing Articles

- 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

Search in: **Web of Science Core Collection** ▾ Editions: **All** ▾

DOCUMENTS AUTHORS **CITED REFERENCES** STRUCTURE

Cited Author ▾ Example: Peterson S*

⊖ And ▾ Cited Work ▾ Example: adv* food* res*

⊖ And ▾ Cited Year(s) ▾ Example: 2013-2014

+ Add row + Add date range

✕ Clear Search

< Back to search

Cited Author Index

Locate primary cited authors to add to your query

A-Z 0-9 A B C D E F G H I J K L M N O P
Q R S T U V W X Y Z

Search ✕ Reset Find

38878 results found for "" < of 778 >

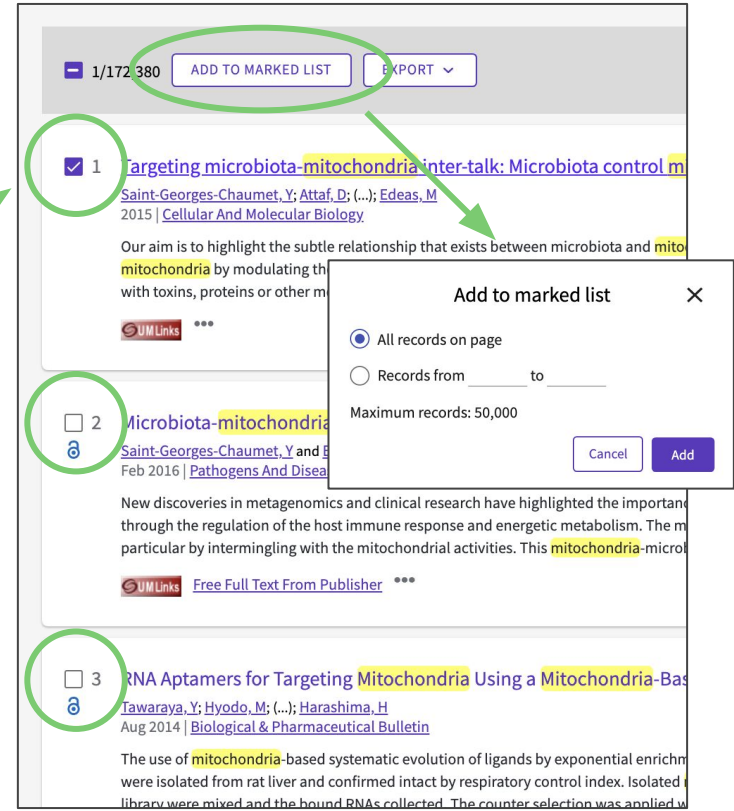
Cited Author	Records	
A AND CO	185	<button>ADD</button>
A GUTTM I	603	<button>ADD</button>
A INT	207	<button>ADD</button>
A STAND	100	<button>ADD</button>

✕ Clear Add to query

Marked Lists

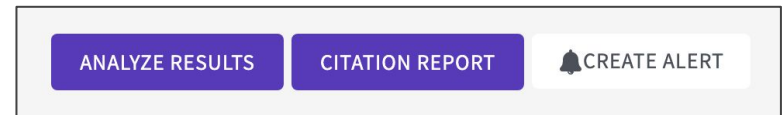
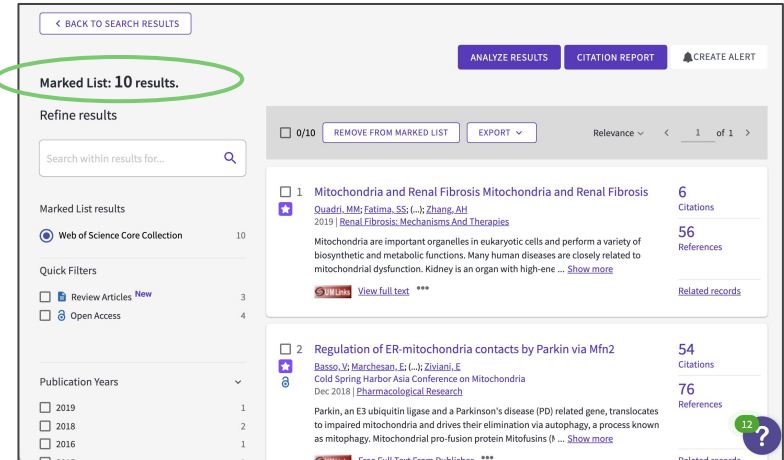
Marked List

- 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

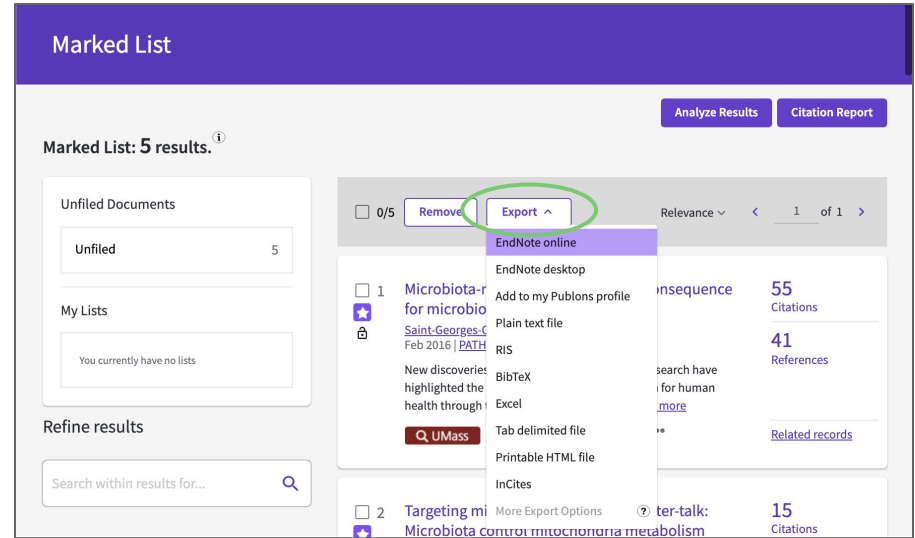


Exporting Citations

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.

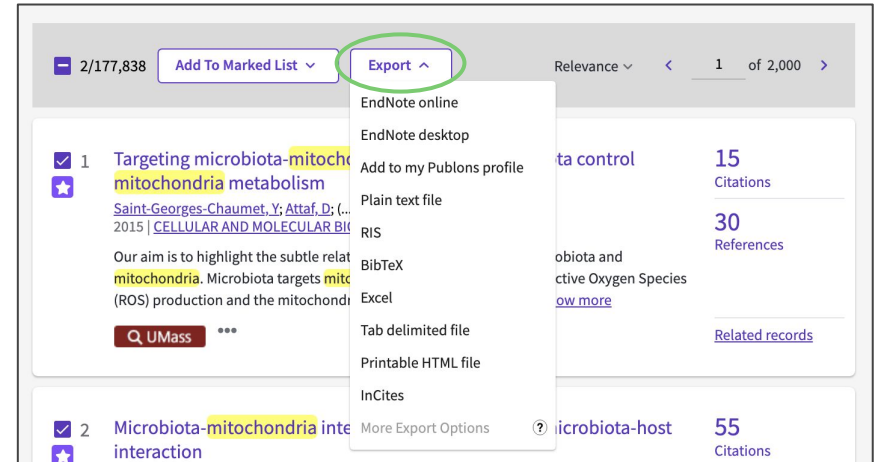


To export to a reference software such as Zotero, export your records in the BibTeX format!

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



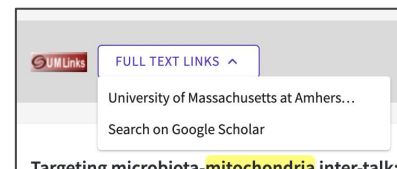
Downloading Full Text Articles

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

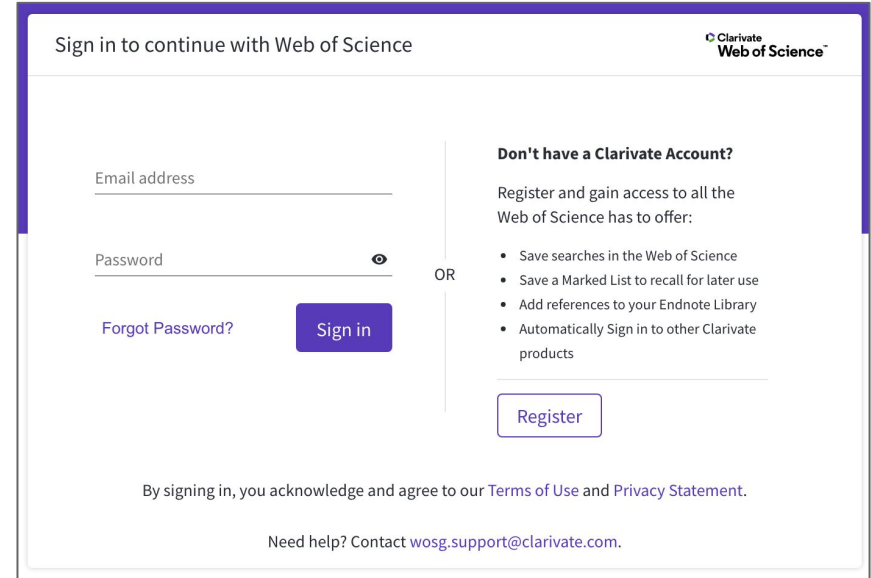
Finding additional Web of Science Help

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



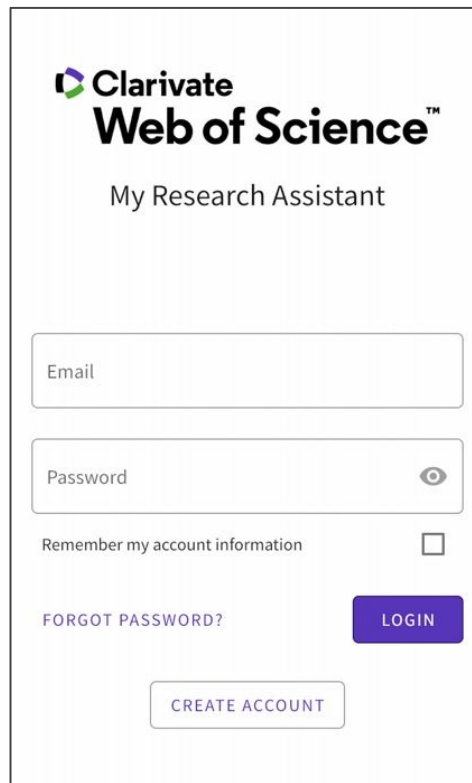
The image shows a screenshot of the Web of Science login and registration page. The page has a purple header with the text "Sign in to continue with Web of Science" and the Clarivate Web of Science logo. The main content area is white. On the left, there are input fields for "Email address" and "Password" (with a toggle icon). Below the password field is a link for "Forgot Password?" and a purple "Sign in" button. In the center, there is a vertical line with the word "OR" on either side. To the right of the line, there is a section titled "Don't have a Clarivate Account?" with the text "Register and gain access to all the Web of Science has to offer:". Below this text is a bulleted list of benefits: "Save searches in the Web of Science", "Save a Marked List to recall for later use", "Add references to your Endnote Library", and "Automatically Sign in to other Clarivate products". Below the list is a purple "Register" button. At the bottom of the page, there is a line of text: "By signing in, you acknowledge and agree to our [Terms of Use](#) and [Privacy Statement](#)." and a footer line: "Need help? Contact wosg.support@clarivate.com."

Web of Science My Research Assistant Mobile App

- Search for articles through Web of Science directly from your phone!
- Available for iOS and Android

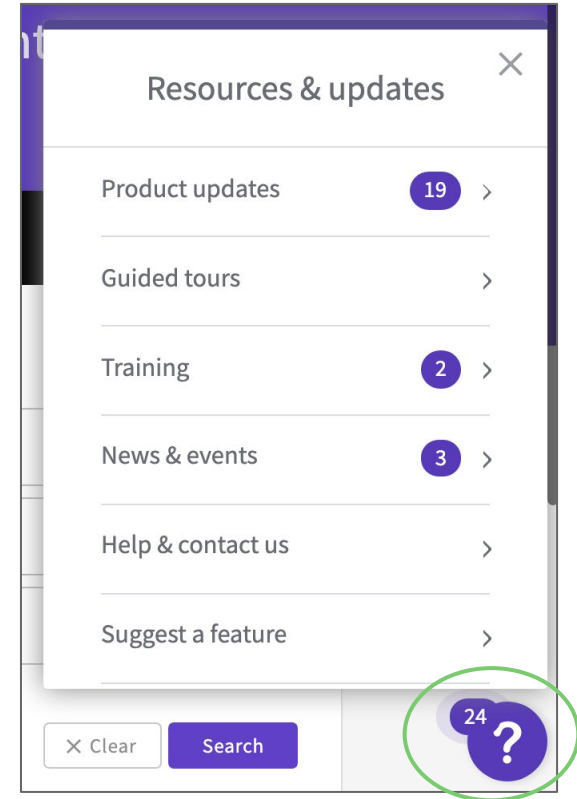
For more information about the mobile app including an FAQ:

<https://clarivate.com/webofsciencegroup/support/myra/>

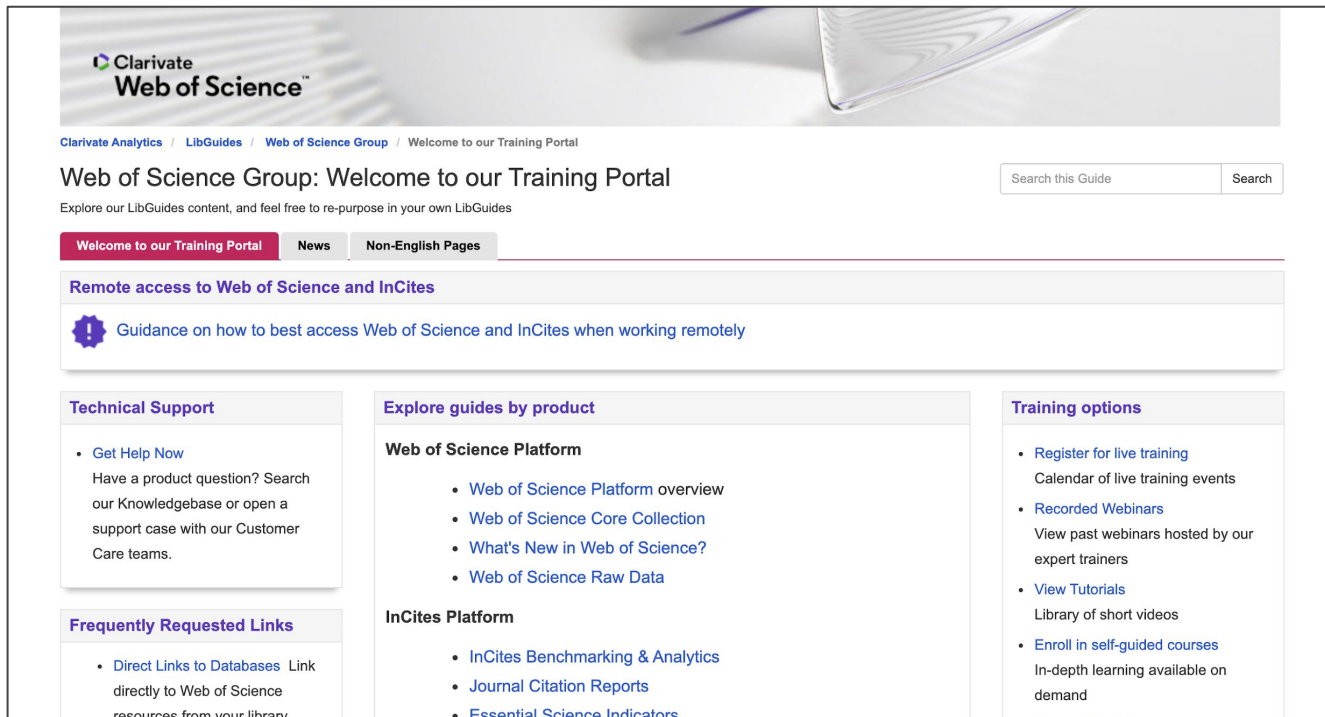


Finding Web of Science Resources & Updates

- 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>



The screenshot shows the homepage of the Clarivate Web of Science Training Portal. At the top, there is a header with the Clarivate Web of Science logo and a breadcrumb trail: Clarivate Analytics / LibGuides / Web of Science Group / Welcome to our Training Portal. Below the header, the main title is "Web of Science Group: Welcome to our Training Portal" with a search bar on the right. A sub-header reads: "Explore our LibGuides content, and feel free to re-purpose in your own LibGuides". There are three tabs: "Welcome to our Training Portal" (active), "News", and "Non-English Pages". A section titled "Remote access to Web of Science and InCites" features a gear icon and the text: "Guidance on how to best access Web of Science and InCites when working remotely". The main content area is divided into three columns. The left column, "Technical Support", includes a link to "Get Help Now" with a description: "Have a product question? Search our Knowledgebase or open a support case with our Customer Care teams." Below this is a "Frequently Requested Links" section with a link to "Direct Links to Databases" with the description: "Link directly to Web of Science resources from your library". The middle column, "Explore guides by product", is divided into two sections: "Web of Science Platform" with links to "Web of Science Platform overview", "Web of Science Core Collection", "What's New in Web of Science?", and "Web of Science Raw Data"; and "InCites Platform" with links to "InCites Benchmarking & Analytics", "Journal Citation Reports", and "Essential Science Indicators". The right column, "Training options", includes links to "Register for live training" (with a sub-link "Calendar of live training events"), "Recorded Webinars" (with a sub-link "View past webinars hosted by our expert trainers"), "View Tutorials" (with a sub-link "Library of short videos"), and "Enroll in self-guided courses" (with a sub-link "In-depth learning available on demand").

Clarivate
Web of Science™

Clarivate Analytics / LibGuides / Web of Science Group / Welcome to our Training Portal

Web of Science Group: Welcome to our Training Portal

Explore our LibGuides content, and feel free to re-purpose in your own LibGuides

Welcome to our Training Portal News Non-English Pages

Remote access to Web of Science and InCites

! Guidance on how to best access Web of Science and InCites when working remotely

Technical Support

- [Get Help Now](#)
Have a product question? Search our Knowledgebase or open a support case with our Customer Care teams.

Frequently Requested Links

- [Direct Links to Databases](#) Link directly to Web of Science resources from your library

Explore guides by product

Web of Science Platform

- [Web of Science Platform](#) overview
- [Web of Science Core Collection](#)
- [What's New in Web of Science?](#)
- [Web of Science Raw Data](#)

InCites Platform

- [InCites Benchmarking & Analytics](#)
- [Journal Citation Reports](#)
- [Essential Science Indicators](#)

Training options

- [Register for live training](#)
Calendar of live training events
- [Recorded Webinars](#)
View past webinars hosted by our expert trainers
- [View Tutorials](#)
Library of short videos
- [Enroll in self-guided courses](#)
In-depth learning available on demand

Questions or Comments?

We hope this guide to Web of Science was helpful!

Fill out our **Google Form** to provide feedback:

forms.gle/hYmKxgo9TDjEyySt6

Web of Science Feedback

Please provide feedback so we can improve these guides.

What is your role?

☐ Undergraduate Student

☐ Graduate Student

☐ TA

☐ Professor

☐ Researcher

☐ Other: _____

What University do you attend?

☐ UMass Amherst

☐ Other: _____