

Research smarter with Web of Science & EndNote

Essential tips for every researcher

Ahmed Alaa

Customer Education Specialist

June 2020



Ahmed Alaa

- Engineering Background
- Customer Education Specialist in MENA region
- ahmed.alaa@clarivate.com
- www.linkedin.com/in/ah-alaa/

Context

- Finding the relevant research in your field is critical to a successful research project
- This can be one of the hardest, most time-consuming challenges for academics.
- The research ecosystem is a sprawling, ever-changing landscape.
- Each field has a rich and divergent history, and new avenues for investigation are springing up every day.

Proposition

- Few steps every researcher should take to leverage the citation network to complete an in-depth, comprehensive search for literature in *Web of Science*.

Insights about:

- How you can find an article
- Quickly assess its impact
- Create alerts to keep track of new papers in your field

5 Steps

1. Choose the right database for your search
2. Master the keyword search
3. Filter your results and analyze for trends
4. Explore the citation network
5. Save your searches and set up alerts

1. Choose the right database for your search

1. Choose the right database for your search

- The myriad search engines, databases and data repositories can be tricky for researchers to navigate.
- They all differ in reliability, relevancy and organization of data.
- The Web of Science is publisher-neutral, carefully-curated by a team of expert editors

1. Choose the right database for your search

- The *Web of Science Core Collection* database only includes journals that have met rigorous quality and impact criteria
- It includes **billions of cited references** captured from globally significant journals, books and proceedings ([check out its coverage](#))

1. Choose the right database for your search

Select a database

Web of Science Core Collection

All Databases

Web of Science Core Collection

Biological Abstracts

BIOSIS Citation Index

BIOSIS Previews

CABI: CAB Abstracts[®] and Global Health[®]

Chinese Science Citation DatabaseSM

Current Contents Connect

Data Citation Index

Web of Science Core Collection (1900-present)

Search the world's leading scholarly journals, books, and proceedings in the sciences, social sciences, and arts and humanities and navigate the full citation network.

- All cited references for all publications are fully indexed and searchable.
- Search across all authors and all author affiliations.
- Track citation activity with Citation Alerts.
- See citation activity and trends graphically with Citation Report.
- Use Analyze Results to identify trends and publication patterns.

Basic Search

Example: oil spill

Timespan

All years (1900 - 2020)

More settings

2. Master the keyword search

2. Master the keyword search

- Your chosen keywords or search phrases cannot be too inclusive or limiting
- They require constant iteration as you become more familiar with your research field.

[Read our guide on search tips to learn more.](#) You can also view our [Quick Reference Guide](#) to help get you started with your literature search on *Web of Science*.

Web of Science



Select a database

Web of Science Core Collection



Basic Search Cited Reference Search Advanced Search + More

collabo* and (network* or author*)



Topic

Search

Search tips

Timespan

All years (1900 - 2018)

More settings

- Topic
- Title
- Author
- Author Identifiers
- Group Author
- Editor
- Publication Name

Powerful Search

Clarivate Analytics



Download Kopernio for one-click access to full-text PDFs - break free from login forms, re-directs & pop-ups

3. Filter your search results and analyze trends

Web of Science

Search

Tools Searches and alerts Search History Marked List

Results: 73,281

(from Web of Science Core Collection)

You searched for: TOPIC: (collabo* and (network* or author*)) ...More

Create Alert

Refine Results

Search within results for...

Filter results by:

- Highly Cited in Field (431)
- Hot Papers in Field (17)
- Open Access (15,862)
- Associated Data (242)

Refine

Publication Years

Web of Science Categories

Sort by: Date Times Cited Usage Count Relevance

More

1 of 7,329

Select Page



5K

Save to EndNote online

Add to Marked List



1. **From ash pond to Riverside Wetlands: Making the business case for engineered natural technologies**

By: Guertin, France; Halsey, Kevin; Polzin, Thomas; et al.

SCIENCE OF THE TOTAL ENVIRONMENT Volume: 651 Pages: 419-426 Part: 1 Published: FEB 15 2019



Full Text from Publisher

View Abstract

Analyze Results

Citation Report feature not available. [?]

Times Cited: 0

(from Web of Science Core Collection)

Usage Count



2. **A novel deep output kernel learning method for bearing fault structural diagnosis**

By: Mao, Wentao; Feng, Wushi; Liang, Xihui

MECHANICAL SYSTEMS AND SIGNAL PROCESSING Volume: 117 Pages: 293-318 Published: FEB 15 2019



Full Text from Publisher

View Abstract

Times Cited: 0

(from Web of Science Core Collection)

Usage Count



3. **Co-authorship model with link strength**

By: Rego, Leandro Chaves; dos Santos, Andrea Maria

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH Volume: 272 Issue: 2 Pages: 587-594 2019



Full Text from Publisher

View Abstract

Times Cited: 0

(from Web of Science Core Collection)

Filter your Results



4. **Making the business case for resource recovery**

By: Velenturf, Anne P. M.; Jopson, Juliet S.

SCIENCE OF THE TOTAL ENVIRONMENT Volume: 648 Pages: 1031-1041 Published: JAN 15 2019



Full Text from Publisher

Free Published Article From Repository

View Abstract

Times Cited: 0

(from Web of Science Core Collection)

Usage Count



5. **Introduction to Complex Networks**

By: Savic, Milos; Ivanovic, Mirjana; Jain, Lakhmi C.

COMPLEX NETWORKS IN SOFTWARE, KNOWLEDGE, AND SOCIAL SYSTEMS Book Series: Intelligent Systems Reference Library Volume: 148 Pages: 3-16 Published: 2019

Times Cited: 0

(from Web of Science Core Collection)

Usage Count

Results: 73,281

(from Web of Science Core Collection)

You searched for: TOPIC: (collabo* and (network* or author*)) ...More

 Create Alert

Refine Results

Search within results for... 

Filter results by:

-  Highly Cited in Field (431)
-  Hot Papers in Field (17)
-  Open Access (15,862)
-  Associated Data (242)

Refine

Publication Years ▾

Web of Science Categories ▾

Document Types ▾

Sort by: Date Times Cited Usage Count Relevance

More ▾

Publication Date -- oldest to newest

Recently Added

Times Cited -- lowest to highest

Usage Count -- Last 180 days

First Author -- A to Z

First Author -- Z to A

Source Title -- A to Z

◀ 1 of 7,329 ▶

 Select Page

5K

Save to EndNote online

 1. **From ash pond to Riverside Wetlands: Making the**By: Guertin, France; Halsey, Kevin; Polzin, Thomas; et al
SCIENCE OF THE TOTAL ENVIRONMENT Volume: 68

Full Text from Publisher

View Abstract

 2. **A novel deep output kernel learning method for bearing fault structural diagnosis**

By: Mao, Wentao; Feng, Wushi; Liang, Xihui

MECHANICAL SYSTEMS AND SIGNAL PROCESSING Volume: 117 Pages: 293-318 Published: FEB 15 2019



Full Text from Publisher

View Abstract ▾

 3. **Co-authorship model with link strength**

By: Rego, Leandro Chaves; dos Santos, Andrea Maria

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH Volume: 272 Issue: 2 Pages: 587-594 Published: FEB 15 2019



Full Text from Publisher

View Abstract ▾

 4. **Making the business case for resource recovery**

By: Velenturf, Anne P. M.; Jopson, Juliet S.

SCIENCE OF THE TOTAL ENVIRONMENT Volume: 648 Pages: 1031-1041 Published: JAN 15 2019



Full Text from Publisher

 Free Published Article From Repository

View Abstract ▾

 Analyze ResultsCitation Report feature not available.
[?]

Times Cited: 0

(from Web of Science Core Collection)

Usage Count ▾

Times Cited: 0

(from Web of Science Core Collection)

Usage Count ▾

Times Cited: 0

Usage Count ▾

Times Cited: 0

(from Web of Science Core Collection)

Usage Count ▾

Sort publications

Web of Science Categories	▼
Document Types	▼
Organizations-Enhanced	▼
Funding Agencies	▼
Authors	▼
Source Titles	▼
Open Access	▼
Book Series Titles	▼
Conference Titles	▼
Countries/Regions	▼
Editors	▼
Group Authors	▼
Languages	▼
Research Areas	▼
Web of Science Index	▼
Show less options	
<i>For advanced refine options, use</i>	
Analyze Results	

- Institutions
- Funding Agencies
- Authors
- Journals
- Open Access
- Books
- Conferences
- Countries

Analyse Search Results

4. Explore the citation network

4. Explore the citation network

Citation Network

In Web of Science Core Collection

91

Times Cited



Highly Cited Paper

Create Citation Alert

All Times Cited Counts

91 in All Databases

[See more counts](#)

141

Cited References

[View Related Records](#)

- **Identify seminal research** in any field by paying attention to the number of times a paper is cited.
- **Track the advancement of research** as it progresses over time by analyzing the papers that cite the original source (this will also help you catch retractions and corrections to research).
- **Track the evolution of research backward** in time by tracking the research that a particular paper cites.
- **View related references** – if papers share citations (calculated from bibliographic coupling), they're likely discussing similar topics.

5. Save your search and set up alerts

5. Save your search and set up alerts

- Save time and stay up-to-date with new research in your field by saving your searches and setting up email alerts.
- This means you can return to your search at any time, and stay up-to-date about new papers included in your search result.

EndNote Online

Collect, manage, share and format your references

Context

Sourcing, organizing and formatting citations is tedious work, but crucial to publishing robust research. With this in mind, the number of citations is on the rise:



90.8M

Citations indexed in the
Web of Science Core
Collection in 2019



47

Citations used per
research paper on
average in 2019



33%

Growth in
total number of citations
in past 10 years

EndNote

- Win more time for your research content
- It's no longer necessary to spend hundreds of hours manually collecting and curating your research materials and formatting bibliographies.
- *EndNote* will help you automatically create, format and update bibliographies with the convenience of remote access.

EndNote

Using *EndNote*, you can:

- Easily collect and save large libraries of references to take with you and access remotely,
- Add citations and complete your bibliography while you write, without the need to use disparate systems,
- Choose from hundreds of stylistic formats, which can be converted to match the requirements of any new journal you submit to.

Demo



 | A Clarivate Analytics company

Thank you!