

Research Skills

Session 3: Finding Research Papers

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<https://publons.com/researcher/1692944>
<http://scholar.google.com/citations>



All of my presentations are available online at:
https://figshare.com/authors/Nader_Ale_Ebrahim/100797

Abstract

Finding research papers (resources) within a specific research area can be done based on many aspects, such as keywords set, subject area, journal name, author profile, and dominant institution or country. The most important aspect, is the selected keywords set. Researchers are usually spending a long time on the net to find their interesting papers and keeping them. Reference management software offer an easy way of finding relevant literature, collecting references, organizing them in a database, and insert citations works in a manuscript with proper citation style. The workshop concentrates on how to find and keep the right papers for your research interest.

Keywords: H-index, Improve citations, Research tools, Bibliometrics, Research visibility, Research impact

**Do Research,
Don't Re-Search**

A word cloud featuring the names 'Research', 'Ale', 'Ebrahim', 'Nader', 'Tools', and 'Founder' in large, colorful fonts. Smaller words related to research and academia are scattered around them, including: Science, Volume, ISSN, Citation, Year, impact, researchers, Scopus, Author, Article, Record, databases, Hadi, Education, nodes, citation tools, URL, Short Issue, Pages, citations, Keywords, Type, Web, Attachments, Original, File, Abstract, Reference, Farhadi, H-index, Google, study, results, Number, Title, Journal, Date, ICT, Publication, h-index, scholar, and two.

Research Tools Mind Map

Web of Science


SCOPUS

EndNote

OATD

& many more Research Tools



 *Virtual Teams will become as important as 1*



(1) Searching the literature

dtSearch

SpringerExemplar

Qiqqa

Academic Phrasebank

& many more tools



Research Tools

By: Nader Ale Ebrahim

Research Tools
By: Nader Ale Ebrahim



(2) Writing a paper

Journal Citation Reports

Journal Metrics

(4) Enh Manuscript matcher

Find the perfect journal for your arti

& many more Research Tools



(3) Targeting suitable journals

393.7k views

Session *Topic*

1. Introduction
2. Selecting keywords
3. Finding Research Papers
4. Evaluate a paper quality
5. Managing Research
6. Read a paper
7. Indexing Desktop Research Tools
8. Avoid Scientific Misconduct
9. Writing a Paper
10. Improve paper quality
11. Target Suitable Journal
12. Improve your Research Visibility and Impact

Tasks for the first session

1. Structure & planning your research (Draw the literature map)

2. Read:

- https://www.dlsweb.rmit.edu.au/lisu/content/2_AssessmentTasks/assess_tuts/lit_review_LL/reading.html
- Cottrell, S. (2005). [*Critical thinking skills - Developing Effective Analysis and Argument*](#). Basingstoke: Palgrave Macmillan.
- Chapter 3 of “Creswell, J. W. (2012). [*Educational research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research*](#) (4th ed.). Boston: Pearson Education, Inc”
- Chapter 3 of “Saunders, M., Lewis, P., & Thornhill, A. (2009). [*Research methods for business students*](#) (5th ed.). Edinburgh Gate, Harlow, Essex CM20 2JE, England: Pearson Education Limited.”

Tasks for the second session

1. Create the log file for your search term/s
2. Identify the main keywords set for your research
3. Identify the alternative keywords set for your research
4. Evaluate the search terms
5. Looking for selected keywords sets on:
 - ✓ SCOPUS
 - ✓ Web of Science Core Collection
6. Write the methodology used for selecting the final keywords set

File name's structure

Your full name

Date

First name.Last name-SN_n-DD-MM-YYYY

Session N


Task No. n

Nader.Ale Ebrahim-S12-15-10-2019

Outline

No.	Topic
1	Reminder, Major Multidisciplinary Citation Databases
2	Reminder, Keywords set
3	Database searching
4	Reference Management tools
5	

Physics

[Welcome](#)[Find Resources](#)[Evaluate what you've found](#)[Organise your work](#)[Develop your skills](#) 

Choosing the right resources

As a Physics student, you are expected to find and use high quality literature. You'll need to use a range of different sources and demonstrate your ability to find good results in order to impress your tutors and to develop your research skills.

Finding Journals



All journal titles are listed on [YorSearch](#), and can be found by doing a title search.

Click on the journal title to see the library's print holdings or

Finding research papers



To start a more detailed search for research papers, you'll need to use online databases. These are collections of resources that allow you to search from multiple journals at the same time.

Skills Guides

Find videos, interactive tutorials, workbooks and links to specific help for developing your digital and information searching skills:

[Skills Guides](#)[Library & IT tutorials](#)

Source: <https://subjectguides.york.ac.uk/physics/resources>


Chemistry

Welcome

Find resources

Evaluate what you've found

Organise your work

Develop your skills 

Choosing the right resources

As a Chemistry student, you are expected to find and use high quality literature. You'll need to use a range of different sources and demonstrate your ability to find good results in order to impress your tutors and to develop your research skills.

Finding Journals



All journal titles are listed on [YorSearch](#), and can be found by doing a title search.

Click on the journal title to see the library's print holdings or the **View It** link to navigate through to the full-text journal online, if available.

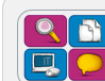
Finding Research Papers



To start a more detailed search for research papers, you'll need to use online databases.

Skills Guides

Find videos, interactive tutorials, workbooks and links to specific help for developing your digital and information searching skills:



Skills Guides

Library & IT tutorials

Library basics

Source: <https://subjectguides.york.ac.uk/chemistry/resources>

Skills Guides

Here you will find videos, interactive tutorials, workbooks and links to specific help for developing your digital and information searching skills...

Choose a line below to explore the **Skills Underground**:



Find & research

Help with researching a topic and looking for evidence.



Organise & analyse

Tips for keeping on top of your work and digging into data.



Create & communicate

Advice for academic writing and methods for presenting information.



Being critical

It's important to think about what you're doing and to constantly question.



Groupwork & collaboration

A look at collaborative tools and collaborative approaches.

Source: <https://subjectguides.york.ac.uk/skills>

6 critical questions

things to think about
when someone has
something to say

who

Who said it?

Someone you know? Someone famous?
Someone in authority?
Should it matter who said it?

what

What did they say?

Did they give facts or opinions?
Did they give all the facts?
Did they leave something out?

where

Where did they say it?

Was it in public or in private?
Did other people have a chance to
talk about the other side?

when

When did they say it?

Before, after, or during an
important event?

why

Why did they say it?

Did they explain their opinions?
Were they trying to make someone
look good or bad?

how

How did they say it?

Were they happy, sad, angry, or didn't
care? Did they write it or speak it?
Could you understand it?

who

The expert

what

The point of the paper

where

The institution/country

when

Year of publication

why

The purpose of the paper

how

The paper method

Major Multidisciplinary Citation Databases

- **Web of Science**

 | A **Clarivate Analytics** company

- **SCOPUS**



ELSEVIER

- **Google Scholar**



- **Microsoft Academic**



-

Table 2 Keywords phrase and search results

Keyword in title	Search term	Example	Results
Data analytics	"Data* Analytic*"	Data Analytic/s, Data-analytical, DATA-BASE ANALYTICS	264
Hadoop	"Hadoop*"	Hadoop, Hadoop-based, HadoopToSQL, HadoopRDF, HadoopM	312
Machine learning	"Machine* Learn*"	Machine/s learning, MACHINERY LEARNING, machine learners, Machinery Learners, Machine Learned, machine-learned	4466
MapReduce	"MapReduce*" OR "Map\$Reduce*"	MapReduce, Map-Reduce	752
large datasets	"Large\$ Dataset*"	Large dataset/s, larger datasets	309
Big Data	"Big Data*"	Big data, Big Datasets, Big Databases	1310
Data warehouse	"Data Warehouse*"	Data Warehouse/s	1200
Predictive analytics	"Predictive Analytic*"	Predictive analytic/s	60
No SQL	"No SQL" OR "NoSQL" OR "NoSQL Database"	No-SQL, NoSQL, No SQL	72
Unstructured data	"Unstructured Data"	Unstructured Data	82
Data science	"Data Science*"	Data Science/s	46
Sentiment analysis	"Sentiment Analy*"	Sentiment Analysis, Sentiment Analyzing, Sentiment Analyzer	303
Data centers	"Data Cent*"	Data Center/s, Data Centre/s, data centric	2384
All above			11,307

Source: Kalantari, A., Kamsin, A., Kamaruddin, H. S., Ebrahim, N. A., Gani, A., Ebrahimi, A., & Shamshirband, S. (2017). A bibliometric approach to tracking big data research trends. *Journal of Big Data*, 4(1), 30. <https://ssrn.com/abstract=3046448>



Browse Topics

Search for a topic

Virtual Team|



These pages provide concept definitions and subject overviews for researchers who want to expand their knowledge about scholarly and technical terms.

Virtual Team

Economics, Econometrics and Finance



Previous

page 1 of 1

Next



All
A
B
C
D
r

Source: <https://www.sciencedirect.com/topics/>



Classification Performance

Related terms:

Electroencephalography, Feature
Extraction, Dataset, Classification
Accuracy, Measurer

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Browse Topics

Search for a topic

classification performance|



These pages provide concept definitions and subject overviews for researchers who want to expand their knowledge about scholarly and technical terms.

Each synopsis provides a series of short, authoritative, excerpts

Classification Performance

Engineering

Classification Performance

Computer Science



Previous

page 1 of 1

Next



All

A

B

C

D

E

F

~

Source: <https://www.sciencedirect.com/topics/>

584 document results

TITLE ("classification performance")

View less

View all

Subject area



☐ Computer Science (330) >

☐ Engineering (219) >

☐ Mathematics (118) >

Source: <https://www.scopus.com>

رتبه

سنجش، ارزیابی و بهبود رتبه

تماس با ما

گلستان

بلاغ

کارگاه‌ها

مقالات

لُب

کلیدواژه مورد نظر خود را وارد کنید:

در نسخه جاری تنها عبارتی که دقیقا در پایگاه داده موجود باشد بازیابی می‌شود. به عنوان نمونه مدیریت پروژه را امتحان کنید.



کلیدواژه ...

(شبکه عصبی، انتخاب ویژگی، متن کاوی، 'PCA')

مرکز اطلاعات علمی

جهاد دانشگاهی



جستجو در همایش‌ها



رتبه بندی دانشگاه‌ها



رتبه بندی مجلات



Search

Reference Management tools

Writing a Thesis/Paper: Traditional way



Source: flickr/toennessen



zotero



Reference Management Tools

1. What is Reference Management Tool?

Reference Management Tools are software tools that can help you organize your references and citation, create reference lists/ bibliographies, collaborate with others online, and discover the latest research in your subject areas.

2. General Features

Maintain huge number of references for your dissertations or research projects

Manage, organize, cite and collaborate

Create and format references in various citation styles instantly

Import citations from databases, library catalogues, websites and more

Work on your references anytime, anywhere

Source: <https://www.lib.polyu.edu.hk/research-support/tools/ref-management-tools>

With EndNote you can:

- **Access your research from anywhere.** Online or off. On your desktop, online, or iPad.
- Search **hundreds of online databases** to find the most cutting-edge research.
- **Save valuable time** finding full-text articles and reference updates, creating bibliographies, and organizing your references.
- **Store your research** and related files all in one place.
- Add **searchable keywords, notes and comments** to your PDFs.
- **Share your references** and research with colleagues.

Tasks for the third session

1. Install a reference management software
2. Download selected papers (based on the final keywords set) into the reference management software





Thank you!

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[@aleebrahim](https://twitter.com/aleebrahim)



<https://publons.com/researcher/1692944>
<http://scholar.google.com/citations>



All of my presentations are available online at:
https://figshare.com/authors/Nader_Ale_Ebrahim/100797

My recent publication:

1. A. Ghanbari Baghestan, H. Khaniki, A. Kalantari, M. Akhtari-Zavare, E. Farahmand, E. Tamam, N. Ale Ebrahim, H. Sabani, and M. Danaee, (2019) ["A Crisis in "Open Access": Should Communication Scholarly Outputs Take 77 Years to Become Open Access?"](#), *SAGE Open*, vol. 9, no. 3, pp. 1-8,
2. Ale Ebrahim, S., Ashtari, A., Pedram, M. Z., & Ale Ebrahim, N. (2019). Publication Trends in Drug Delivery and Magnetic Nanoparticles. *Nanoscale Research Letters*, 14(59). doi: <https://doi.org/10.1186/s11671-019-2994-y>
3. Parnianifard, A., Azfanizam, A., Ariffin, M., Ismail, M., & Ale Ebrahim, N. (2019). Recent developments in metamodel based robust black-box simulation optimization: An overview. *Decision Science Letters*, 8(1), 17-44. doi:10.5267/j.dsl.2018.5.004. Available at SSRN: <https://ssrn.com/abstract=3192794>
4. Elaish, M. M., Shuib, L., Ghani, N. A., Mujtaba, G., & Ale Ebrahim, N. (2019). A Bibliometric Analysis of M-Learning from Topic Inception to 2015. *International Journal of Mobile Learning and Organisation*, 13(1), 91-112. <https://doi.org/10.1504/IJMLO.2019.096470>
5. Nordin, N., Samsudin, M.-A., Abdul-Khalid, S.-N., & Ale Ebrahim, N. (2019). Firms' sustainable practice research in developing countries: Mapping the cited literature by Bibliometric analysis approach. *International Journal of Sustainable Strategic Management*, 7(1/2). doi: <https://doi.org/10.1504/IJSSM.2019.099036>

My recent presentations:

1. Ale Ebrahim, Nader (2019): Research Skills Session 1: Introduction. figshare. Presentation. <https://doi.org/10.6084/m9.figshare.9931163.v1>
2. Ale Ebrahim, Nader (2019): Introduction to "Research Tools": Tools for Collecting, Writing, Publishing, and Improving Research Visibility. figshare. Presentation. <https://doi.org/10.6084/m9.figshare.8258957.v1>
3. Ale Ebrahim, Nader (2018): Publishing Procedure and Strategies to Improve Research Visibility and Impact. figshare. Presentation. <https://doi.org/10.6084/m9.figshare.7475036.v1>
4. Ale Ebrahim, Nader (2018): Scientific Misconduct. figshare. Presentation. <https://doi.org/10.6084/m9.figshare.7471988.v1>
5. Ale Ebrahim, Nader (2018): Collecting, Writing, and Publishing via "Research Tools". figshare. Presentation. <https://doi.org/10.6084/m9.figshare.7472273.v1>

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1. Kalantari, A., Kamsin, A., Kamaruddin, H. S., Ebrahim, N. A., Gani, A., Ebrahimi, A., & Shamshirband, S. (2017). A bibliometric approach to tracking big data research trends. *Journal of Big Data*, 4(1), 30.
<https://ssrn.com/abstract=3046448>