Research Tools II

Research Tools II

Nader Ale Ebrahim , PhD.
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"Research Tools" Advisor
www.researcherid.com/rid/C-2414-2009
http://scholar.google.com/citations
works.bepress.com/aleebrahim/

Objective

i. To **help** students who seek to **reduce the search time** by expanding the knowledge of researchers to more effectively use the "**tools**" that are available through the Net.

ii. To **evaluate** the types of literature that researchers will encounter.

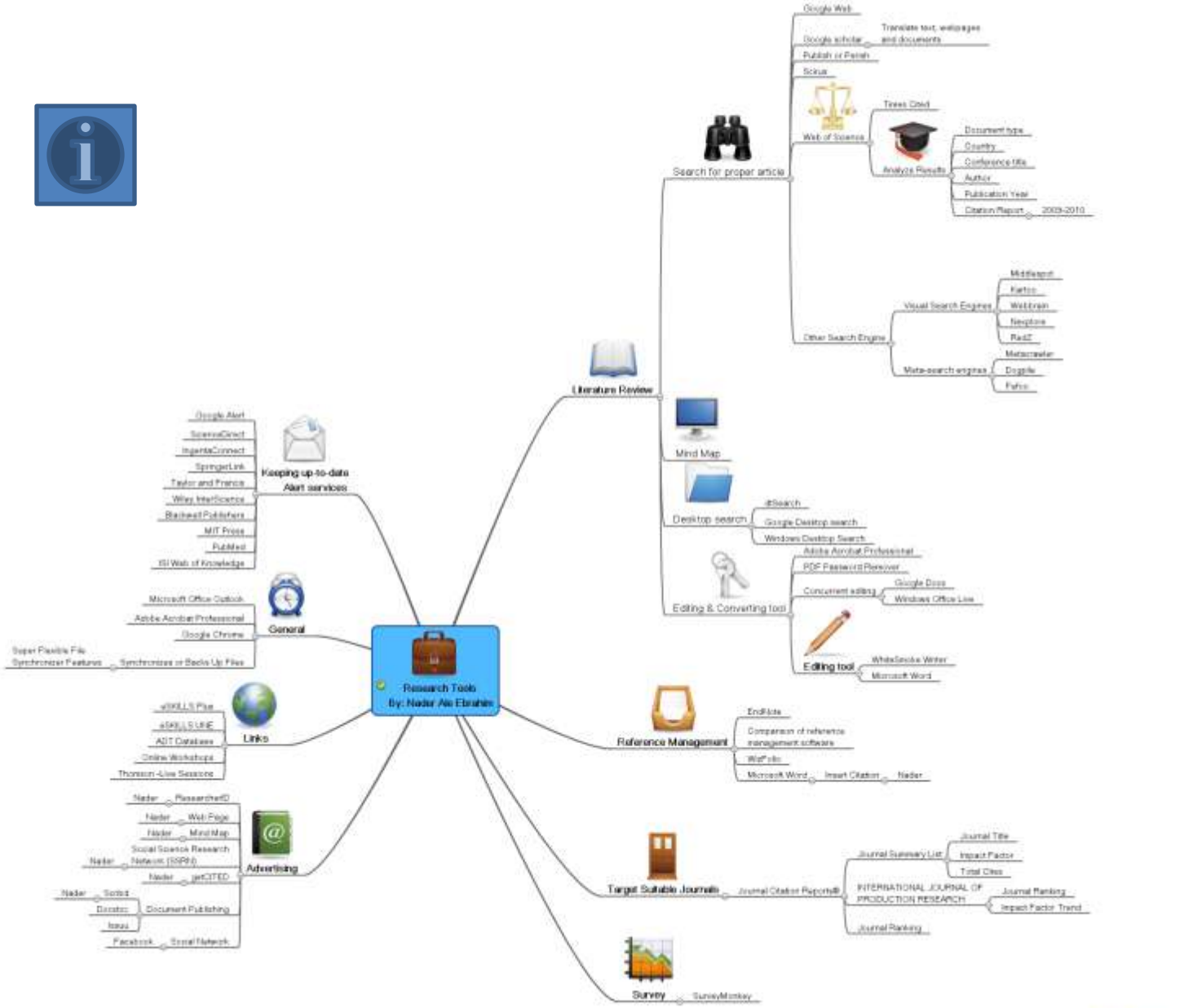
iii. To **convert** the information on the search for a written document.

Applying Research Tools is the skill to understand and use information technology tools to carry out research, including the use of discipline-related software and online resources.

To introduce all necessary tools to postgraduate students in a simple and applicable way.

Nader Ale Ebrahim

- Founder of “Research Tools Box”
- On the Net
  - Publishing on internet: ideas & tools
  - Seminära
  - Budapest Open Access Initiative
  - ENGL 6890: Studies in Writing and Rhetoric


Research Tools
By: Nader Ale Ebrahim
Literature Review
Search for proper article
Google Web
Google scholar
Translate text, webpages and documents
Publish or Perish
Scirus
Web of Science
Times Cited
Analyze Results
Document type
Country
Conference title
Author
Publication Year
Citation Report
2009-2010
Other Search Engine
Visual Search Engines
Middlespot
Kartoo
Webbrain
Newptone
RedZ
Meta-search engines
Metacrawler
Dogpile
Fahoo
Mind Map
Desktop search
dtSearch
Google Desktop search
Windows Desktop Search
Editing & Converting tool
Adobe Acrobat Professional
PDF Password Remover
Concurrent editing
Google Docs
Windows Office Live
Editing tool
WhiteSmoke Writer
Microsoft Word
Reference Management
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Comparison of reference management software
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Journal Citation Reports®
Journal Summary List
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INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH
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Journal Ranking
Survey
SurveyMonkey
Keeping up-to-date Alert services
Google Alert
ScienceDirect
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ISI Web of Knowledge
General
Microsoft Office Outlook
Adobe Acrobat Professional
Google Chrome
Super Flexible File Synchronizer Features
Synchronizes or Backs Up Files
Links
eSKILLS Plus
eSKILLS UNE
ADT Database
Online Workshops
Thomson-Live Sessions
Advertising
Nader
ResearcherID
Nader
Web Page
Nader
Mind Map
Social Science Research Network (SSRN)
Nader
Nader
getCITED
Nader
Scribd
Docstoc
Issuu
Document Publishing
Facebook
Social Network

Research Tools I
Summary

How to Find and Develop a Viable Research Topic?

Step One: Identify a Topic.

Step Two: Test Your Topic.

Test the main concepts or keywords in your topic **by looking them up** in the appropriate background sources or **by using them as search terms.**

If you are finding too much information and too many sources, narrow your topic by using the **and** operator

Finding too little information may indicate that you need to broaden your topic.

Keywords used in the research

#	Keyword
1	Performance Measurement System
2	Performance Measurement
3	Performance Indicators
4	Metrics
5	Software Services
6	Licensing
7	IT Asset Management
8	Behavior AND Commitment
9	Culture
10	Global Team

Source: PÓS, P., DE PRODUÇÃO, G. P. D. E. E., SISTEMAS, E. & FERREIRA, P. G. S. 2011. *THE COMPREHENSION OF PERFORMANCE MEASUREMENT INDICATORS BY VIRTUAL TEAMS. Master of Science in Industrial and Systems Engineering.*

Compiling a list of keywords

Aspect 1	Aspect 2	Aspect 3
global warming	**climactic change**	**cereal crops**
greenhouse effect	climate rainfall weather	cereals rice wheat grain

Source: http://learnline.cdu.edu.au/myresearch/plan/searchstrategy.html

Critically Analyzing Information Sources

1- Initial Appraisal:

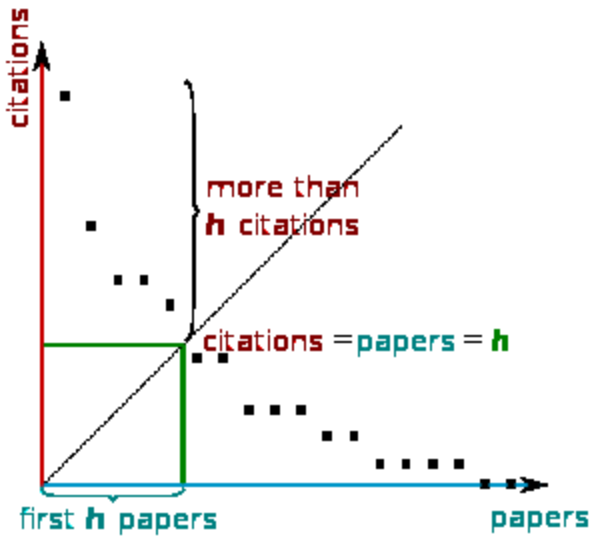
- Author
- Date of Publication
- Edition or Revision
- Publisher
- Title of Journal (Distinguishing Scholarly Journals from other Periodicals)

2- Content Analysis:

- Intended Audience
- Objective Reasoning
- Coverage
- Writing Style
- Evaluative Reviews

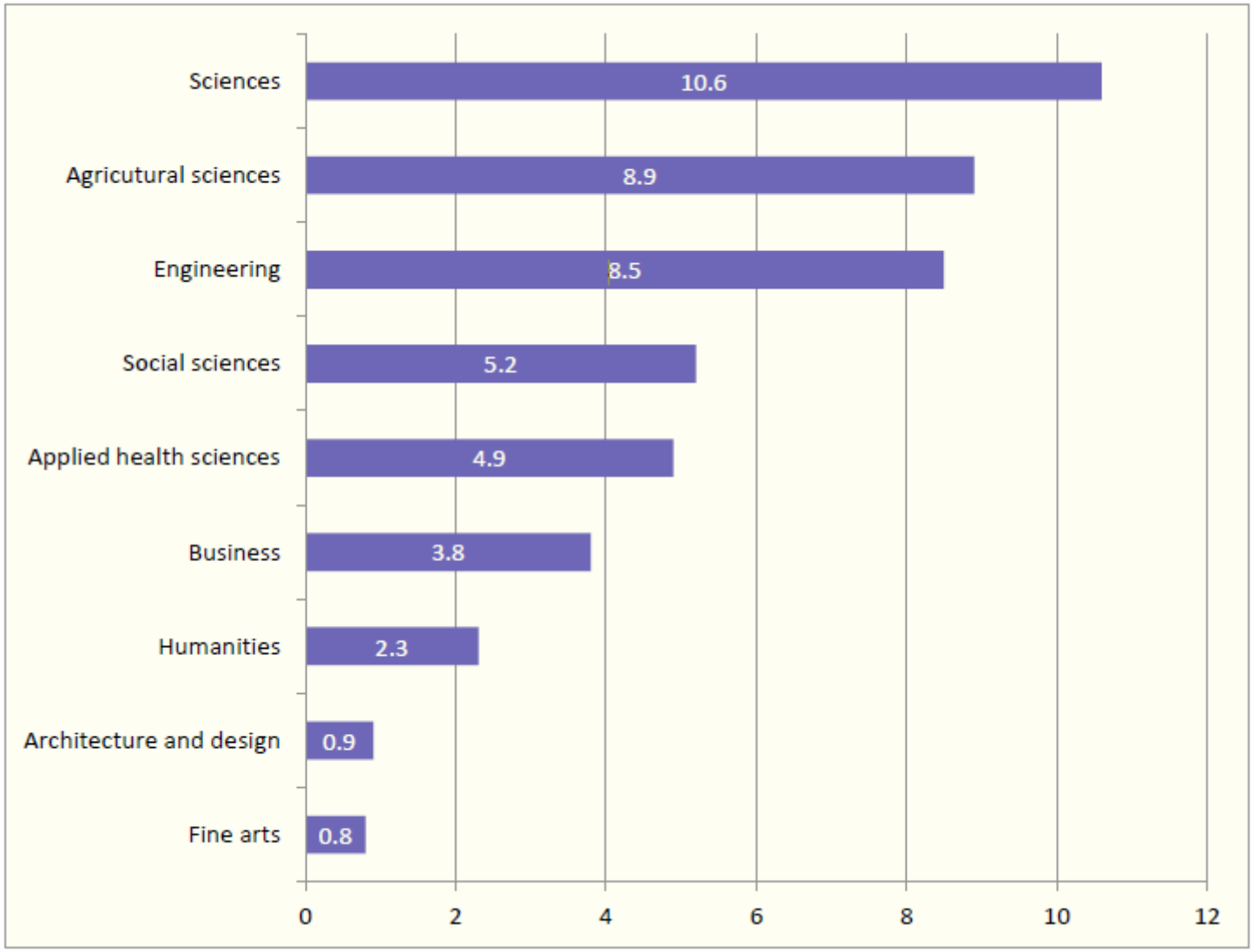
h-index (Jorge E. Hirsch)

- *A scientist has index h if h of [his/her] N_p papers have at least h citations each, and the other (N_p − h) papers have at most h citations each.*



H-index from a plot of decreasing citations for numbered papers

Figure 1: Mean H-index Scores by Field of Study



Source: Making Research Count: Analyzing Canadian Academic Publishing Cultures

Where to Find Research Literature

- **ISI *Web of Knowledge***
- **Research tools Mind Map** **(Refer to "search for proper article" section)**

Web of Science Coverage Expansion

by ThomsonReuters on 04-27-2010 01:42 PM

In recent years we have witnessed an explosion in the production and availability of scholarly research results. This growth is reflected in the gradual expansion of journal coverage in the Web of Science.

Journal coverage in Web of Science consists of three major indexes, namely the (Science Citation Index Expanded, the Social Sciences Citation Index, and the Arts & Humanities Citation Index. In addition, the Conference Proceedings Citation Index (formerly ISIProceedings) became an edition of Web of Science in October) 2008.

In 2000 journal coverage in Web of Science totaled 8,684 titles. In 2005, Web of Science covered 9,467 journals, an increase of 9%. As of April 1, 2010 11,519 journals are covered in Web of Science, and increase of 22%.

Web of Knowledge [v.5.4] - Web of Science Citation Report - Mozilla Firefox

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http://ezproxy.um.edu.my:3661/CitationReport.do?product=WOS&search_mode=Citation

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All Databases | Select a Database | Web of Science | Additional Resources

Search | Author Finder | Cited Reference Search | Advanced Search | Search History

Web of Science SM

<< Back to previous results list

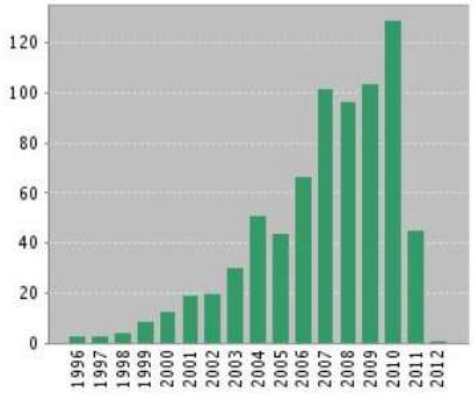
Citation Report

Topic=("virtual Teams")

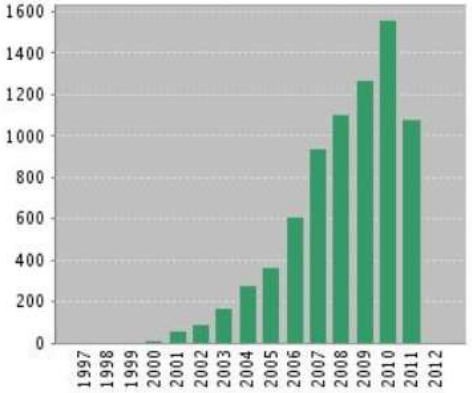
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

This report reflects citations to source items indexed within Web of Science. Perform a Cited Reference Search to include citations to items not indexed within Web of Science.

Published Items in Each Year



Citations in Each Year



Results found:	741
Sum of the Times Cited [?] :	7561
Sum of Times Cited without self-citations [?] :	4771
Citing Articles[?] :	3928
View Citing Articles	
View without self-citations	
Average Citations per Item [?] :	10.20
h-index [?] :	42

Results: 741 | Page 1 of 75 Go | Sort by: Times Cited -- highest to lowest

	2008	2009	2010	2011	2012	Total	Average

Done

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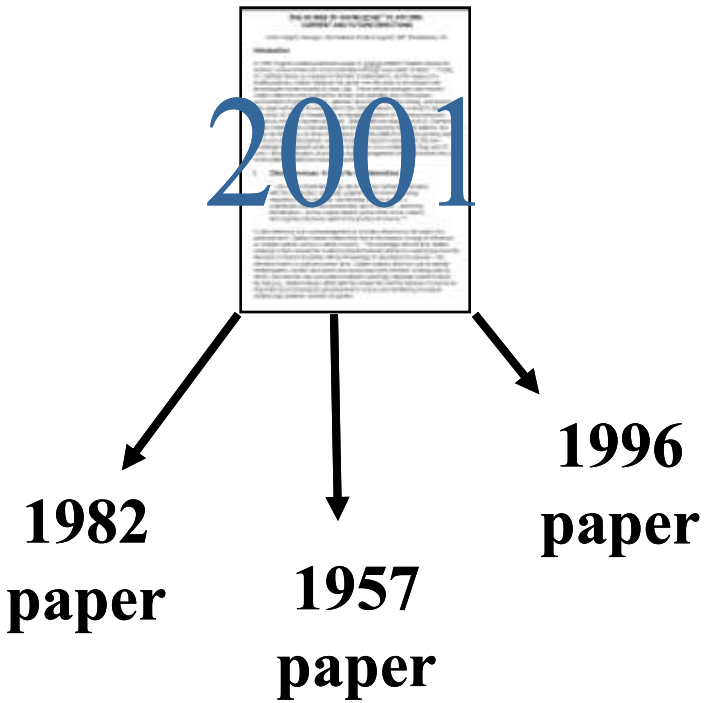
EN 12:05 PM

Citation tracking

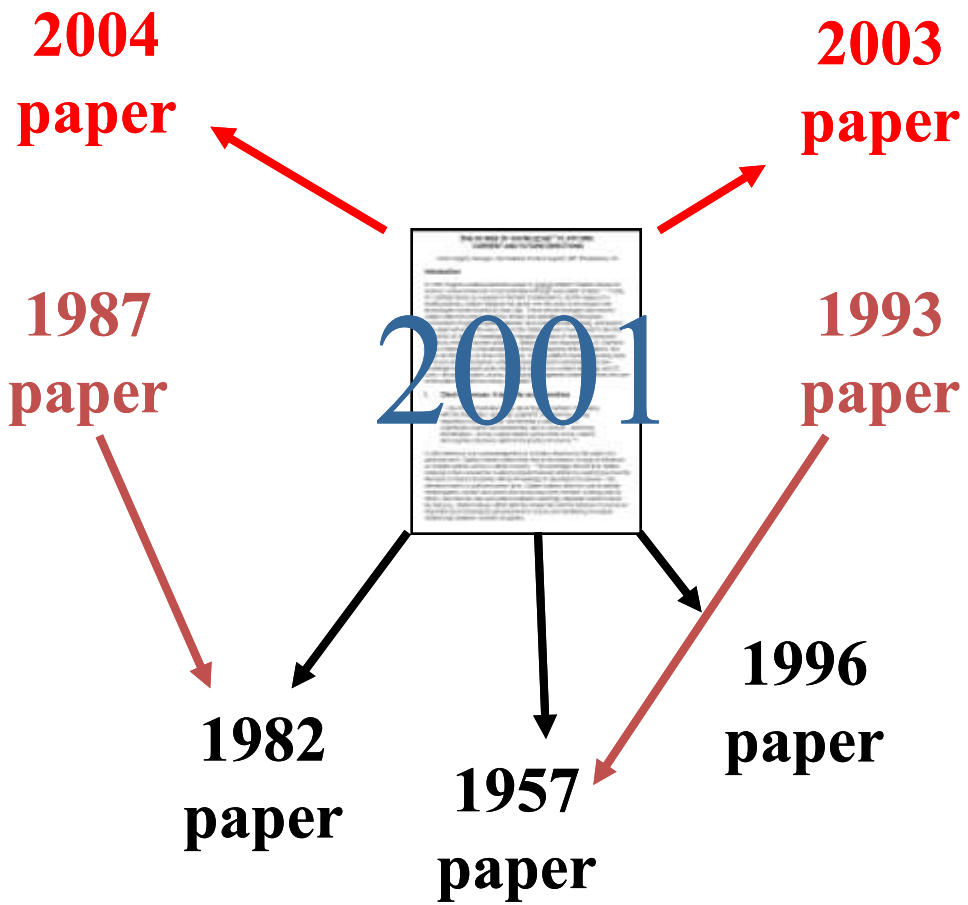
- Citation indexes allows you to search the academic literature in ways that illuminate the progress of academic debate in your field. With a citation index, you can easily identify the most influential articles, and the leading academic authorities. You can track backwards (using lists of cited articles) and forwards (using lists of articles which cite a particular article). As a result, you can determine the position of academic debate at any time in the past

Cited Reference Searching

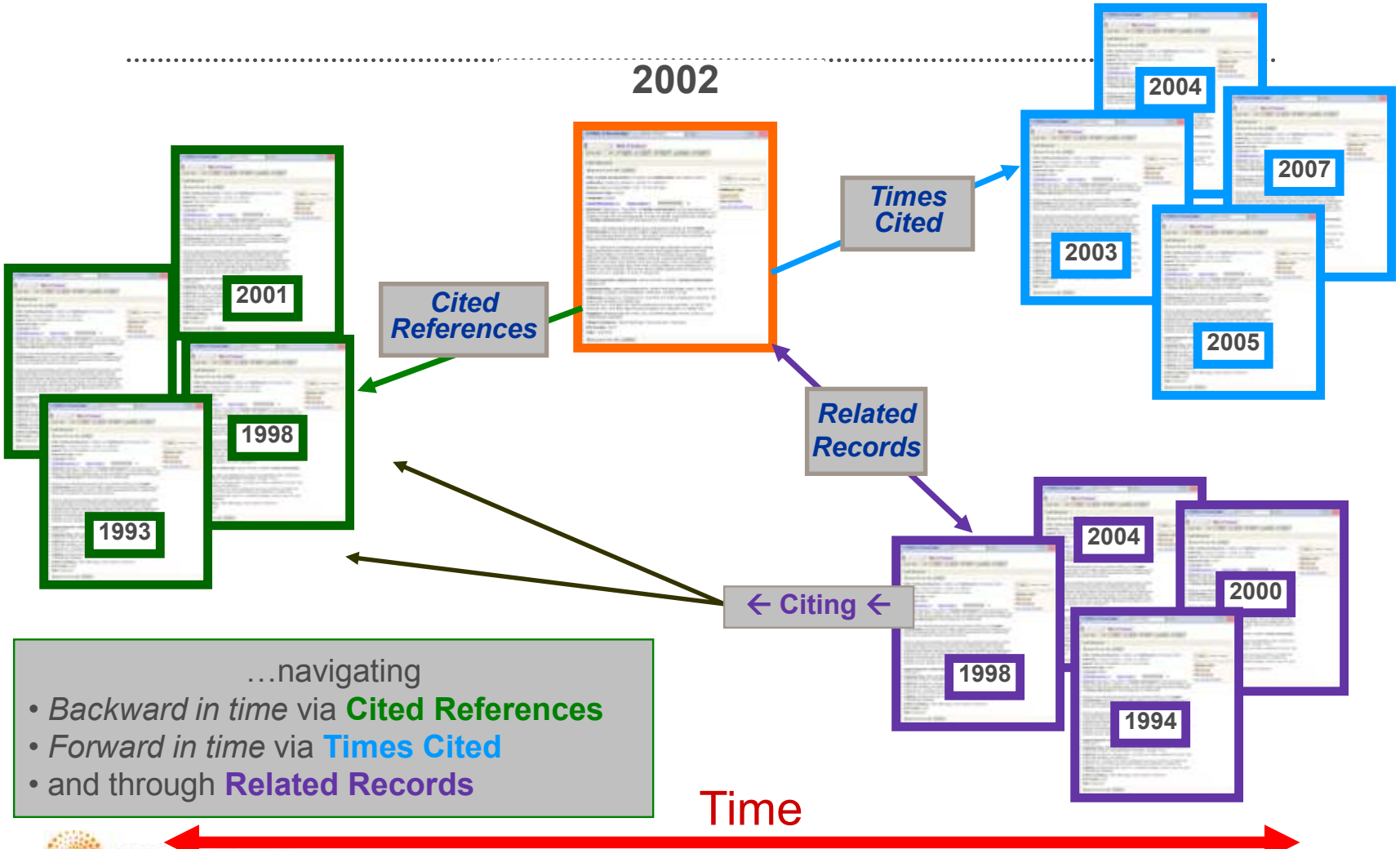
Traditional search



Cited reference search



Literature Citation Information – Driving Discovery of "CLOSE Art"



…navigating
- *Backward in time* via **Cited References**
- *Forward in time* via **Times Cited**
- and through **Related Records**

THOMSON REUTERS

Paper/journal quality

- Another guide to paper/journal quality is the general reputation of the association, society, or organization publishing the journal.
- Leading professional associations such as American Psychological Association (APA) or the Institute of Electrical and Electronics Engineers (IEEE) publish a range of journals that are highly regarded.

Keeping up-to-date

Alert services are an effective means of keeping track of the latest research.

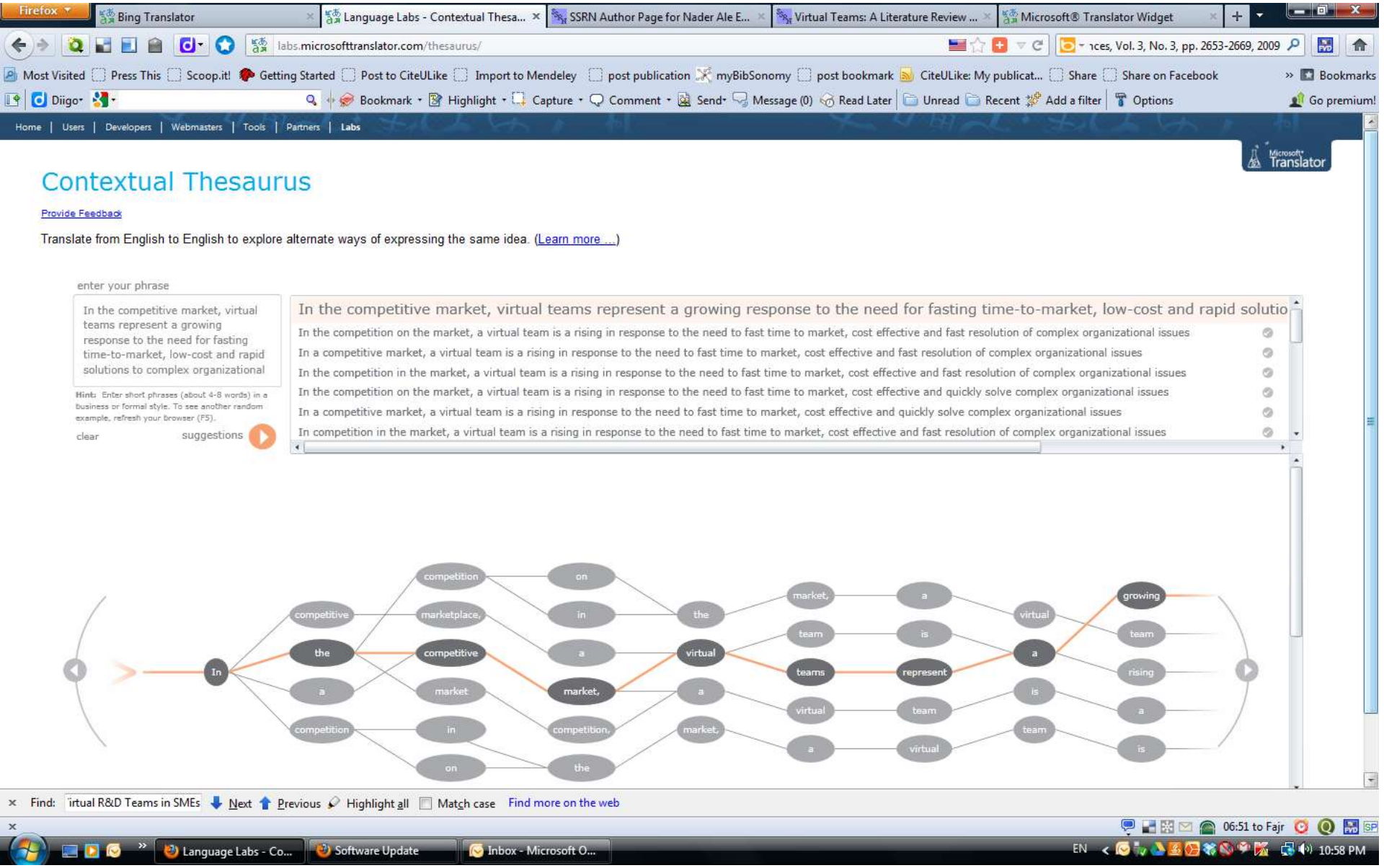
Keeping up-to-date

Research Tools II

Mind Map Tools - Online and offline

Source: **Mind Map Tools, By:**Seyyed Ali Fattahi Computer PhD Candidate FTSM UKM

Paraphrasing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Language Labs - Contextual Thesa...
SSRN Author Page for Nader Ale E...
Virtual Teams: A Literature Review ...
Microsoft® Translator Widget
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Press This
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Getting Started
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Recent
Add a filter
Options
Go premium!
Home | Users | Developers | Webmasters | Tools | Partners | Labs
Microsoft Translator
Contextual Thesaurus
Provide Feedback
Translate from English to English to explore alternate ways of expressing the same idea. (Learn more ...)
enter your phrase
In the competitive market, virtual teams represent a growing response to the need for fasting time-to-market, low-cost and rapid solutions to complex organizational
Hint: Enter short phrases (about 4-8 words) in a business or formal style. To see another random example, refresh your browser (F5).
clear
suggestions
In the competitive market, virtual teams represent a growing response to the need for fasting time-to-market, low-cost and rapid solutio
In the competition on the market, a virtual team is a rising in response to the need to fast time to market, cost effective and fast resolution of complex organizational issues
In a competitive market, a virtual team is a rising in response to the need to fast time to market, cost effective and fast resolution of complex organizational issues
In the competition in the market, a virtual team is a rising in response to the need to fast time to market, cost effective and fast resolution of complex organizational issues
In the competition on the market, a virtual team is a rising in response to the need to fast time to market, cost effective and quickly solve complex organizational issues
In a competitive market, a virtual team is a rising in response to the need to fast time to market, cost effective and quickly solve complex organizational issues
In competition in the market, a virtual team is a rising in response to the need to fast time to market, cost effective and fast resolution of complex organizational issues
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Desktop search

[dtSearch]

[Google Desktop]

[Windows Search]

"Virtual R&D teams in New Product development" -- doi:10.1016/S0019-8501(02)00276-6 - dtSearch

File Edit Search Index View Options Help

<-->	Name	Score	Hits	Location	Date	Size	Index	
1	Handbook of New Product.pdf	100%	5,573	E:\UM\Thesis\Literature Review\Link 2009	2008/10/10	2,538,400	Link 2009	075068552
2	DBA Thesis.pdf	78%	3,020	E:\UM\Thesis\Literature Review\Link 2009	2009/02/03	2,662,734	Link 2009	Microsoft V
3	Virtual Workplaces.pdf	73%	6,390	E:\UM\Thesis\Literature Review\Link 2009	2009/04/09	7,070,659	Link 2009	Handbook (
4	Process implications.pdf	52%	918	E:\UM\Thesis\Literature Review\Link 2009	2009/02/03	186,624	Link 2009	doi:10.1016
5	Teaching and Learning With Virtual Teams_1591407087.pdf	50%	2,587	E:\UM\Thesis\Literature Review\Link 2009	2009/02/23	2,825,610	Link 2009	Teaching a
6	Nader-AJBAS 3(3)2653-2669-2009.pdf	48%	810	E:\UM\Thesis\Literature Review\Link 2009	2009/11/04	222,924	Link 2009	Nader-AJB

2 / 14 133% Sign Find

stances and offers related research propositions. The paper also discusses the role of the Internet in new product performance. Finally, the paper concludes with managerial and research implications.

1. New product development process and the role of the Internet

Past research has consistently shown that a high-quality new product development process is one of the most critical success factors in new product development [8,10–12]. As a result, it has offered numerous processes that firms can use when developing their new products. Cooper [13] defines a new product development process as a formal blueprint, roadmap, template or thought process for driving a new product project from the idea to market launch and beyond. The process involves predetermined set of stages and each stage consists of a set of prescribed, cross-functional and parallel activities. Each stage is preceded by a gate, controlling the flow of the process and providing a decision checkpoint in the process. Because of the stages and the with the first and second-generation processes, the third-generation process emphasizes efficiency and effectiveness in the new product development process through four fundamental areas. First, it is fluid, which means that there are overlaps in stages for greater speed. Second, it involves fuzzy gates, reducing the rigidity of criteria used in the gates and allowing conditional or situational considerations of the activities. Third, it is more focused in terms of prioritizing projects. Finally, it is flexible, suggesting that each new product is unique and has its own unique development process [13].

There are also compelling issues that indicate that new product development process may not be uniform across firms and products. Takeuchi and Nanoka [14] argue that today's rapidly changing and competitive market conditions require firms to adopt a flexible and fast new product development process and that a holistic "rugby" style new product development might be needed to respond to the conditions. With this approach, new product teams move through all phases of the development together, passing the ball back and forth as they develop new products. Based on a case study, the authors concluded that it is possible to

2 of 139 -- "E:\UM\Thesis\Literature Review\Link 2009\DBA Thesis.pdf" 139 files 54852 hits dtSearch 7.54 (7680) Evaluation Version

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How do I avoid plagiarism?

- only hand in your own and original work.
- indicate precisely and accurately when you have used information provided by someone else, i.e. referencing must be done in accordance with a recognised system.
- indicate whether you have downloaded information from the Internet.
- never use someone else's electronic storage media, artwork, pictures or graphics as if it were your own.
- never copy directly without crediting the source
- do not translate without crediting the source
- do not paraphrase someone else's work without crediting the source
- do not piece together sections of the work of others into a new whole
- do not resubmit your own or other's previously graded work
- do not commit collusion (unauthorised collaboration, presenting work as one's own independent work, when it has been produced in whole or in part in collusion with other people)
- ghost-writing – you should not make use of ghost writers or professional agencies in the production of your work or submit material which has been written on your behalf

High similarity rate

Dear Dr ……..,

Thanks for your effective work. We also finish the Cross Checking work here. We found four papers (your Nos. 1, 2, 3 and 4) could not arrive our standards, e.g. the similarity rate is very high, which means these papers have duplicated or salami-slicing, self-plagiarism problem. We can't accept these. When you see the attached reports, you will understand us here.

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Thanks.

Best wishes,

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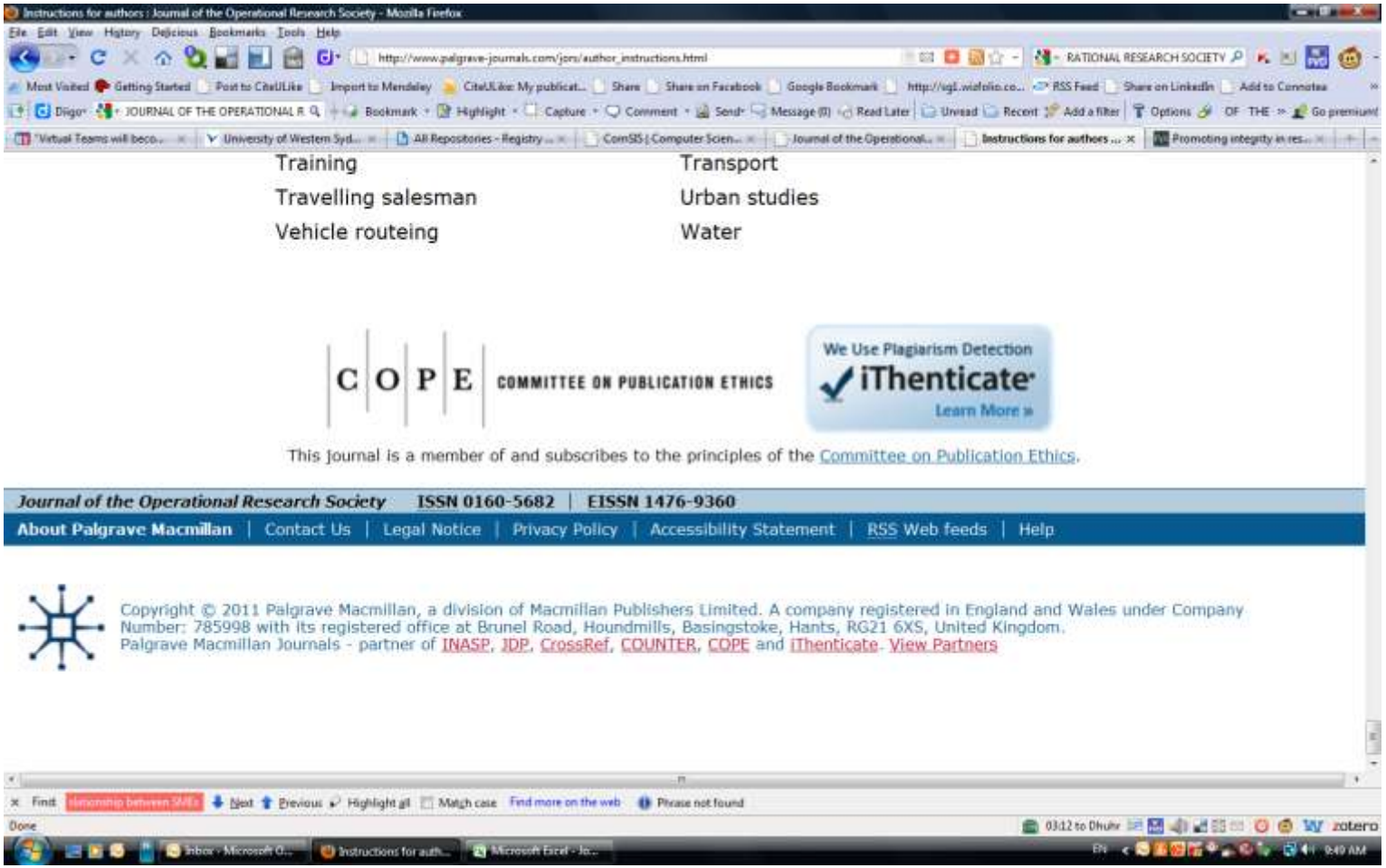


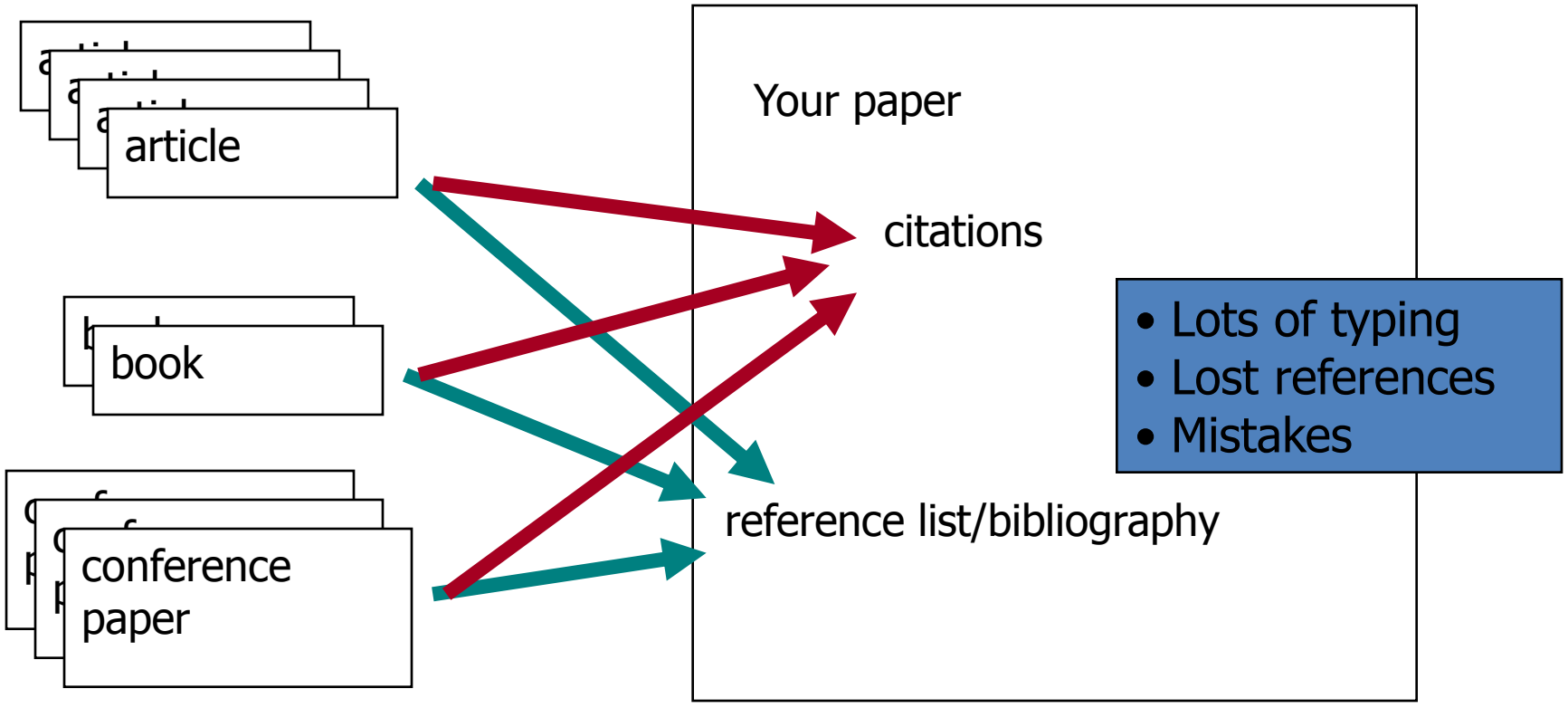
Check **plagiarism** first

- Example 1 (Text with references)
- Example 2 (Text without references)
- Example 3 (Text with references-Checked with Turnitin)

Reference Management

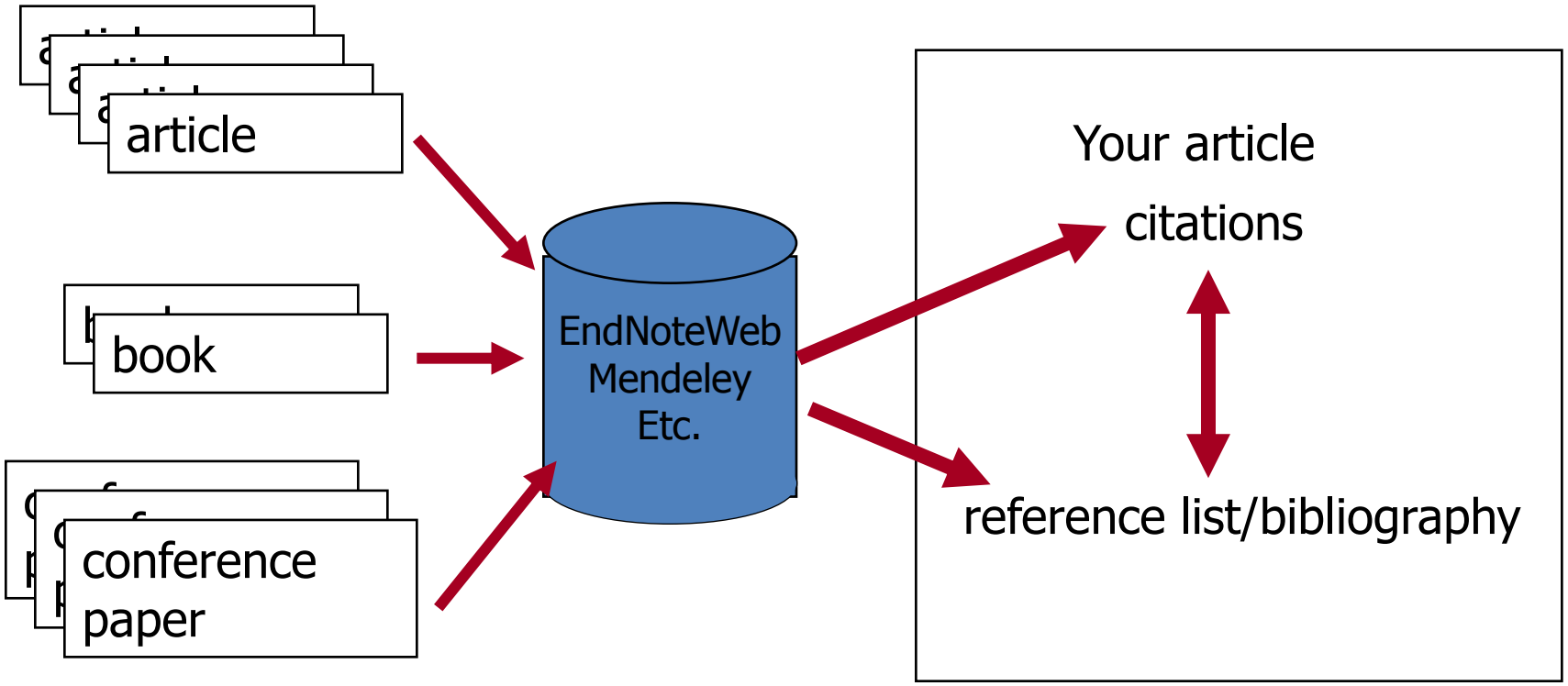
Problem statement…

Your topic:



Source: Managing References: Mendeley By: HINARI Access to Research in Health

Use a reference management tool!



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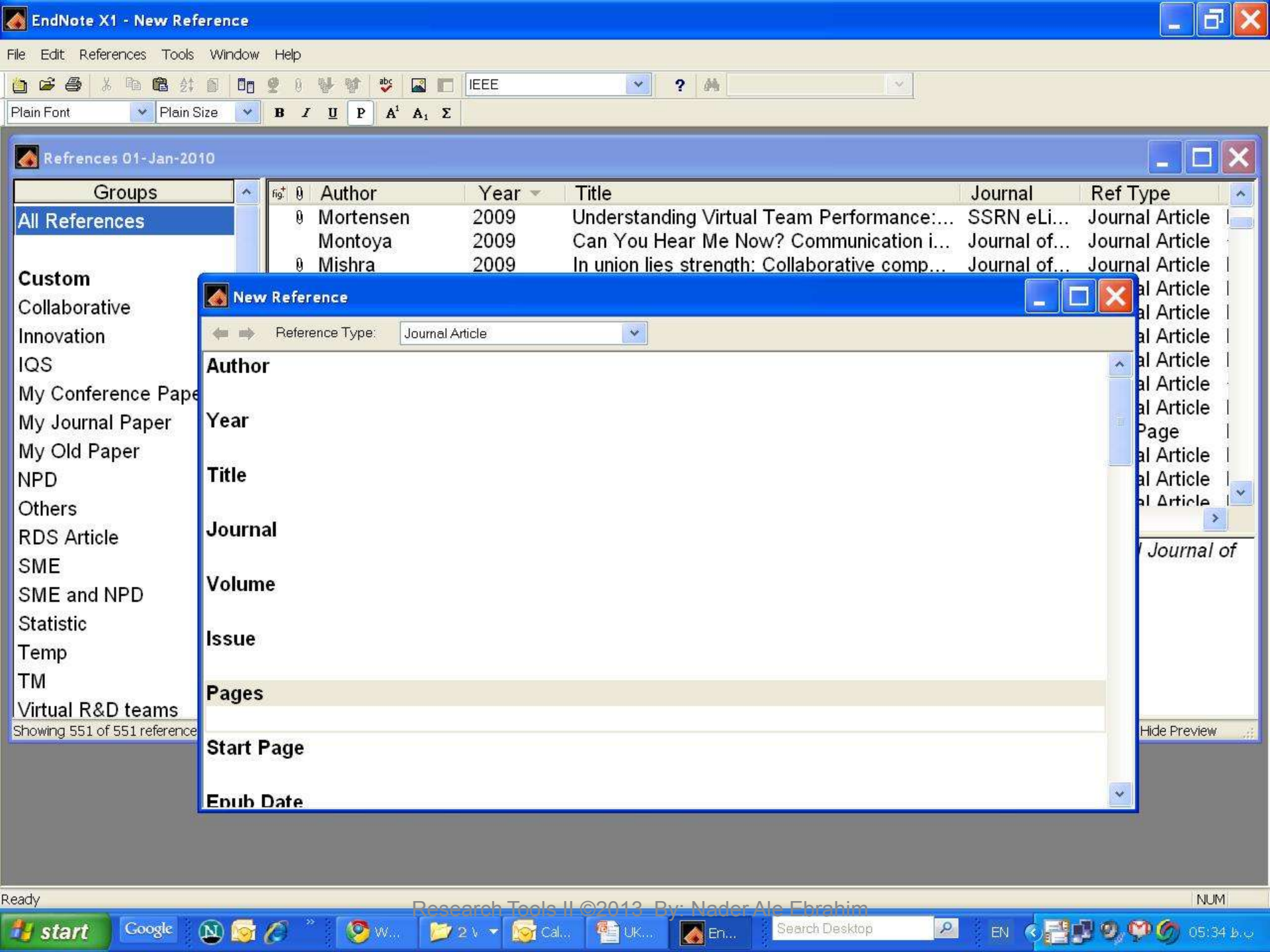
Why use *EndNote*?

- *EndNote* allows you to create your own reference library. This library can be used to store the bibliographical details relating to the articles and books that you use. When it comes time to write your thesis, you can employ the library to insert references into your text and produce your bibliography. *EndNote* will save you hundreds of hours over the course of your research.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Mortensen 2009 Understanding Virtual Team Performance:... SSRN eLi... Journal Article
Montoya 2009 Can You Hear Me Now? Communication i... Journal of... Journal Article
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Small and medium enterprises (SMEs) are the driving engine behind economic growth [1].

References

[1] N. Ale Ebrahim, S. Ahmed, and Z. Taha, "Virtual R & D teams in small and medium enterprises: A literature review," *Scientific Research and Essay,* vol. 4, pp. 1575–1590, December 2009.

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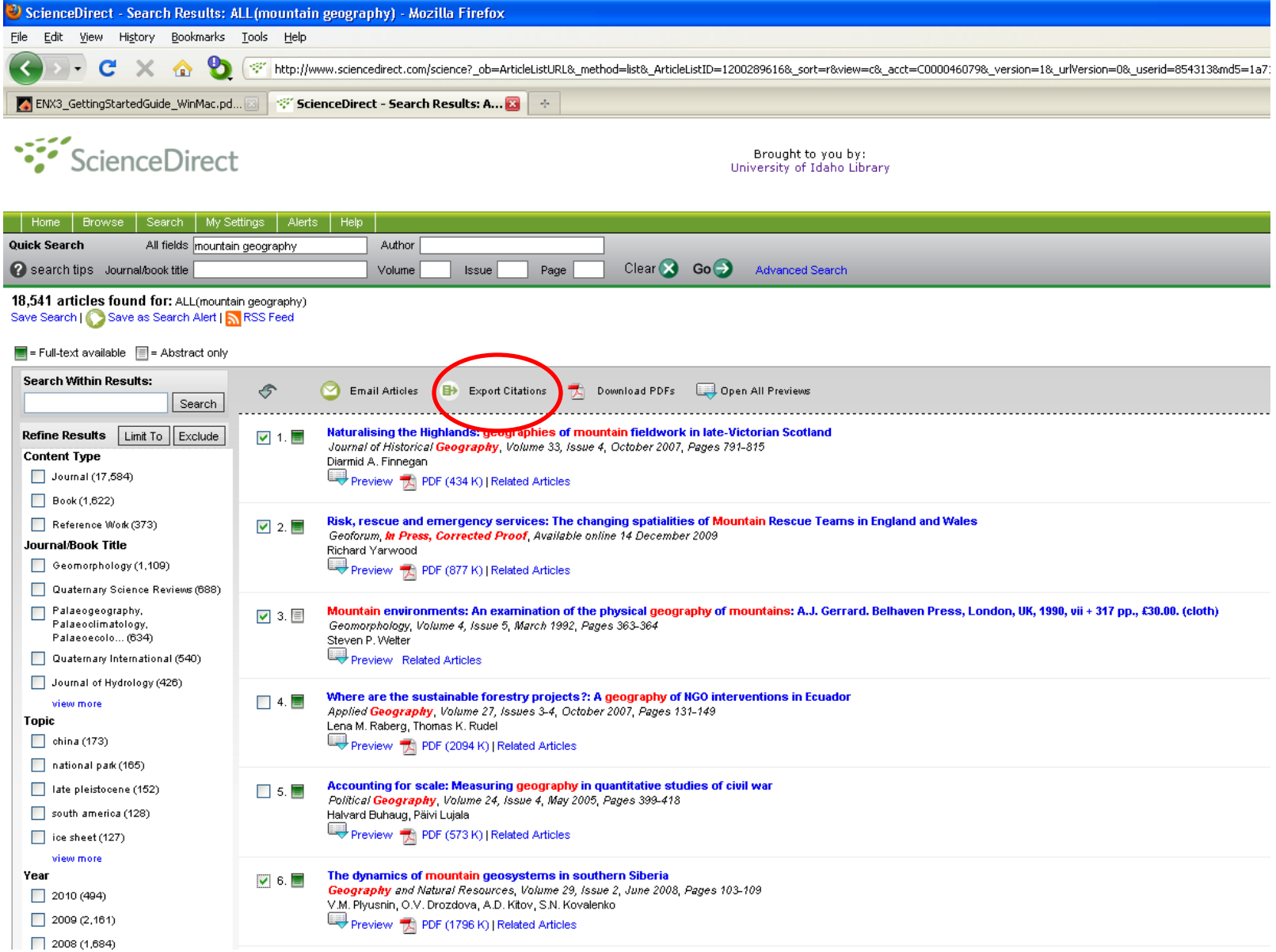
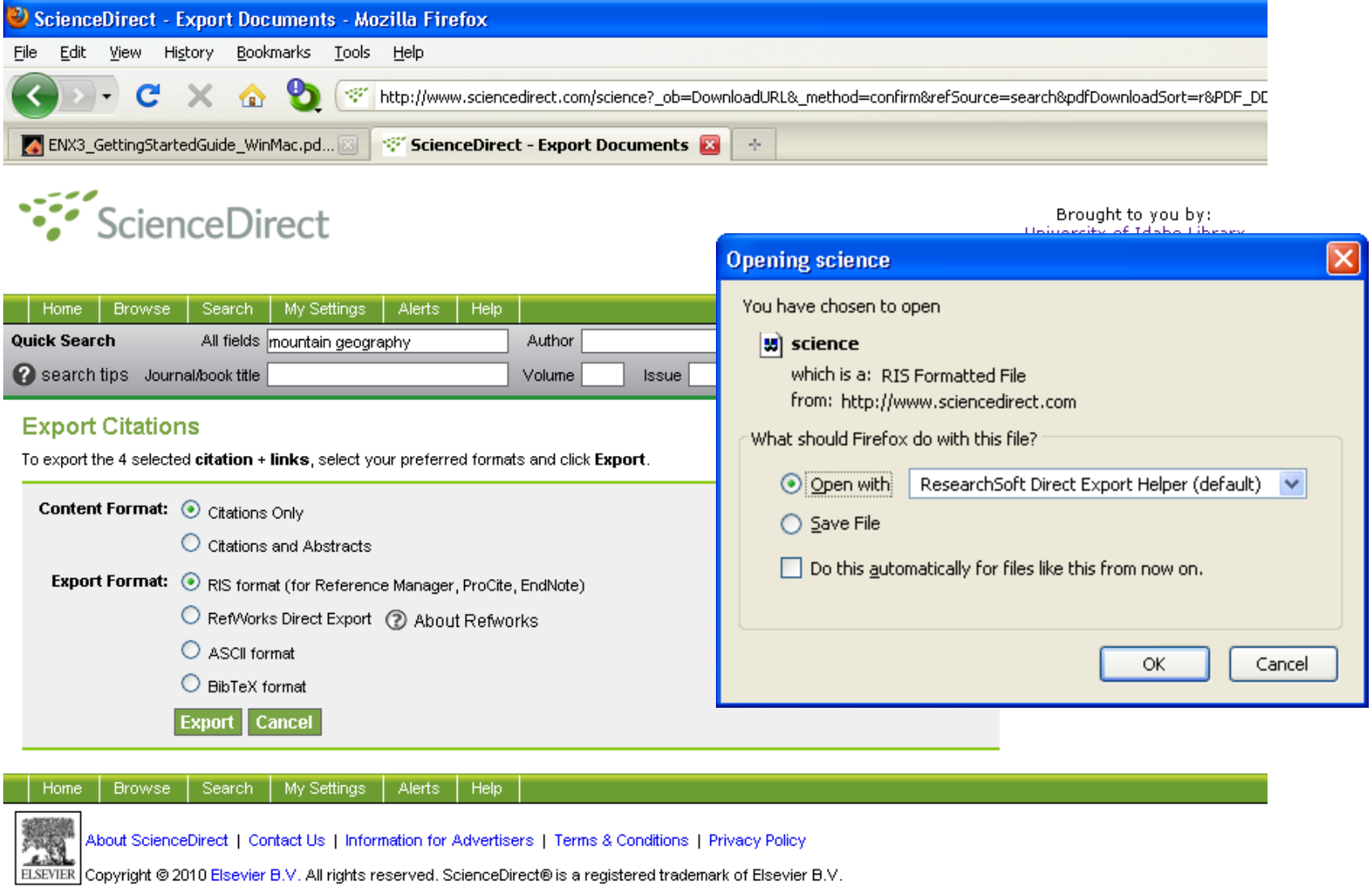
Export to EndNote



ScienceDirect (Elsevier) allows you to check your desired citations, then click on the "Export Citations" link…



… then you select which pieces of information you really want in your EndNote database, using the radio buttons, then click on the “Export” button to bring up the dialog box we have seen before to transfer the temporary file into EndNote

Thank you!

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"Research Tools" Advisor
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