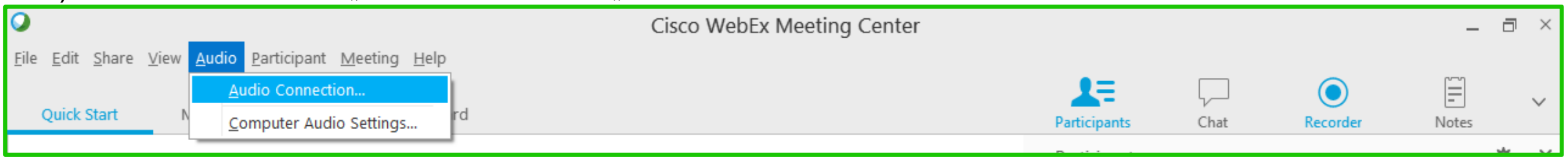
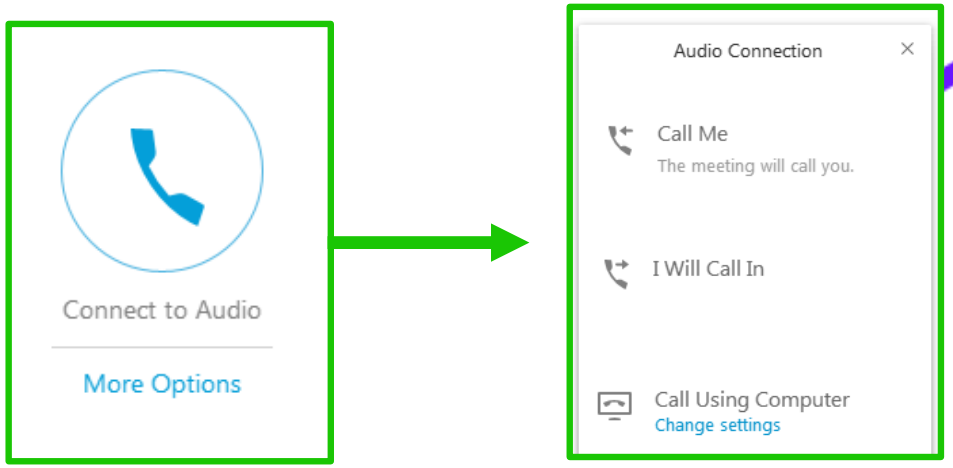
Connect to Audio

1) Click on menu item „AUDIO“ a choose „AUDIO CONNECTION“

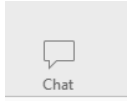


2) Click on „More Options“, system will display complete list of audio connection possibilities.



3) Please choose from:
„CALL ME“ (Webex will call you to chosen phone number)
„CALL USING COMPUTER“ (connection via computer, you need to have active head-set and microphone)

4) Please use Chat in contact with trainer.



5) Please, mute your microphone in list of Participants. (click on microphone icon)

Web of Science

Discover the most influential research for your topic

18.12.2017

Josef Jílek - josef.jilek@clarivate.com

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Agenda

Web of Science

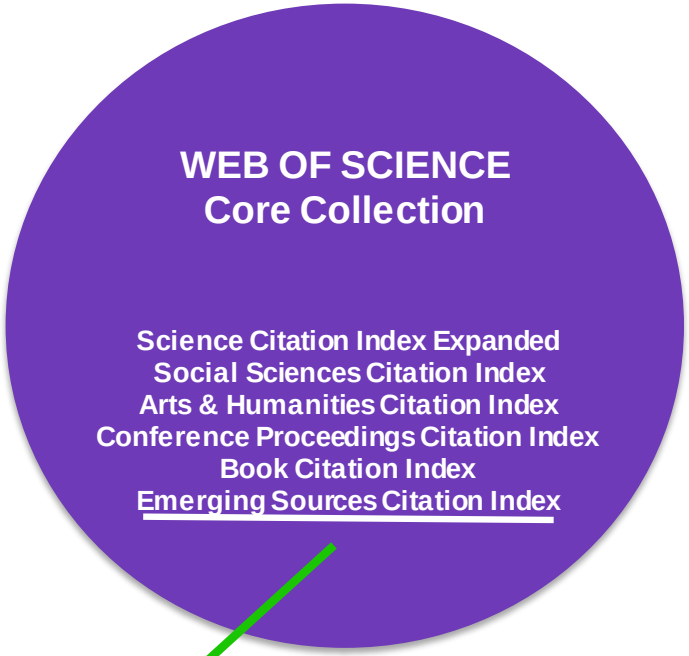
- **Key characteristics**
- **Selection criteria**

Work in WOS

- **Searching**
- Results filtering
- Results analyzing
- **Citation network**
- **Discovering of new content**
- Author searching
- Author identifiers
- Citation reports
- **Exporting of records**
- **Alerts**

Web of Science

The World largest citation database of journals, books, conference proceedings



65+ MILIONS unique records related by more than **1 BILLION** cited references

+9M conference proceedings

2.6M chemical compounds

1M chemical reactions

N

Emerging Sources Citation Index (ESCI)

- new WOS CC citation index
- **+7.000** journal titles
- **50 %** Europe published
- **40 %** Social Science
- **30 %** Open Access

WoS Core Collection key characteristics:

+19.000 scientific peer-reviewed journals

CONTENT INDEXED COVER-TO-COVER

All authors, all affiliations

Funding information

On going Unification of Organizations & funding organizations

250+ subject categories

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Web of Science Core Collection

Key characteristics

- Web of Science CC indexes more than **19,000 journal titles**
- Web of Science CC contains more than **66 millions** records
- Web of Science CC registers more than **1 billion** cited references
- **Complete coverage** since 1900- all authors, all affiliations and all cited references
- **Cover to cover** indexing
- All research disciplines - **253 subject categories**
- **High selectivity and neutrality** – indexes the most influential scientific journals
- **International content** – more than **80** countries a **32** languages
- New **Open Access** content available in WOS platform

WOS Core Collection – Journal Indexes

Science Citation Index Expanded

- since 1900
- 187 WOS categories
- 8879 journal titles
  937 Open Access
- 6 moved to ESCI

Social Science Citation Index

- since 1900
- 66 WOS categories
- 3241 journal titles
  149 Open Access
- 6 moved to ESCI

Arts and Humanities Citation Index

- since 1945
- 28 WOS categories
- 1785 journal titles
  84 Open Access
- 3 moved to ESCI

Emerging Sources Citation Index

- since 2015
- 253 WOS categories
- 7100 journal titles
  2000+ Open Access
- More than 1,800 publishers

Selection process

Web of Science Core Collection journal selection process

Journal Publishing Standards

- **Peer review**
- **Ethical publishing practices**
- **Meets technical requirements (XML / PDF)**
- **English-language bibliographic information**
- Timeliness of publication
- International editorial conventions

Editorial Content

- **Scholarly community recommendation or demonstrated interest**
- **Will this journal enrich WoS with novel content?**
- How does this journal compare with covered journals of similar scope?
- Is this subject already well covered?

International Diversity

- Does this journal target an international audience or specifically a regional audience?
- Is international representation among authors and board members at an appropriate level for such a journal**?**

Citation Analysis

- Total citations
- Recent citation activity
- Author and editorial board members' citations in the literature
- Integration of the journal into the literature over time

Green = ESCI selection requirements

Black = SCIE/SSCI/AHCI selection

Makes our rigorous selection criteria more transparent by exposing content earlier in the selection process

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http://wokinfo.com/essays/journal-selection-process/

Emerging Sources Citation Index

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Emerging Sources Citation Index (ESCI) benefits the academic research ecosystem

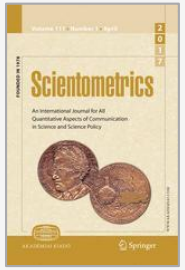
Launched in 2015
+6,700 journals

Scientific, Social Science &Humanities trends and developments

Journals selected & reviewed by our Editorial Team

Journals identified as important to key opinion leaders, funders & evaluators worldwide

WEB OF SCIENCE
EMERGING SOURCES CITATION INDEX
INDEXED



"ESCI has a positive effect on research assessment and it accelerates communication in the scientific community."

Early Insight on the ESCI: an overlay map-based bibliometric study
Scientometrics, March 18 2017

Taylor & Francis

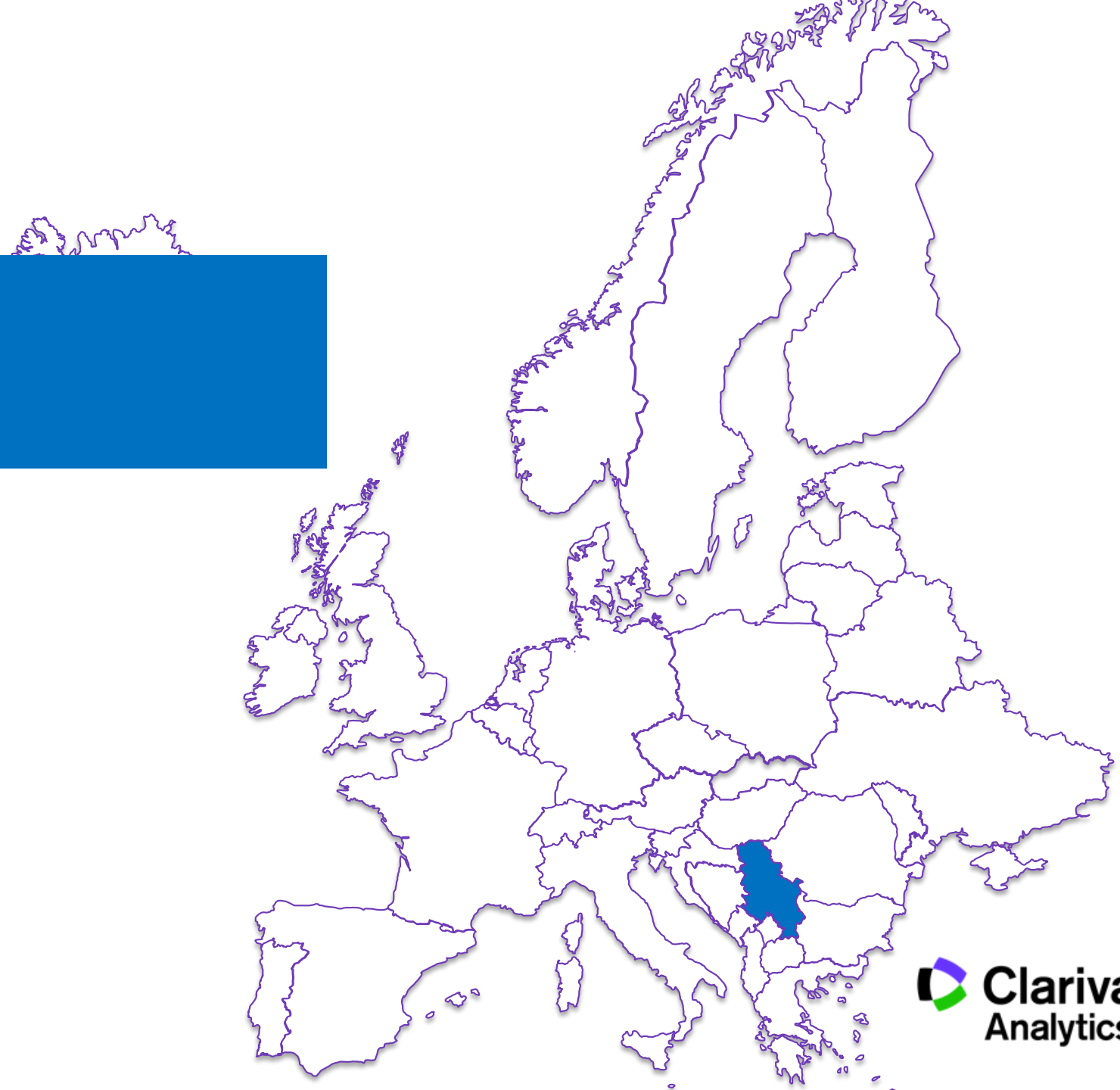
"Indexing in the ESCI will improve the visibility of a journal, provides a mark of quality, and is good for authors. We have already seen examples of institutions and funders suggesting publication in an ESCI listed journal, similar to what already takes places with other Web of Science databases."

James Hardcastle, Senior Manager, Product Analytics
Taylor & Francis, February 13 2017

ESCI Journals Serbia

SERBIA

33 ESCI journals
20 journals with archive



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ESCI Journals Serbia

Arhiv za Farmaciju

Balcanica

Deturope-The Central European journal of Regional Development and Tourism

ESP Today-Journal of English for Specific Purposes at Tertiary Level

Etnoantropoloski Problemi-Issues in Ethnology and Anthropology

Facta Universitatis-Series Electronics and Energetics

Facta Universitatis-Series Mathematics and Informatics

Facta Universitatis-Series Mechanical Engineering

FME Transactions

Geographica Pannonica

Gradevnski Materijiali I Konstrukcije-Building Materials and Structures

International Review

IPSI BgD Transactions on Internet Research

Journal of Teaching English for Specific and Academic Purposes

Journal of the Geographical Institute Jovan Cvijic SASA

Journal of the Serbian Society for Computational Mechanics

Kragujevac Journal of Mathematics

Matematicki Vesnik

Metallurgical & Materials Engineering-Association of Metallurgical Engineers of Serbia

Naslede-Journal of Language, Literature, Arts and Culture

Philosophy and Society-Filozofija i Drustvo

Politics and Religion Journal

Primenjena Psihologija

Publications de l Institut Mathematique-Beograd

Sociologija

Strategic Management

TEM Journal-Technology Education Management Informatics

Temida

Theoretical and Applied Mechanics

Zbornik Instituta za Pedagoska Istrazivanja

Zbornik Matice Srpske za Likovne Umetnosti-Matica Srpska Journal for Fine Arts

Zbornik Matice Srpske za Slavistiku-Matica Srpska Journal of Slavic Studies

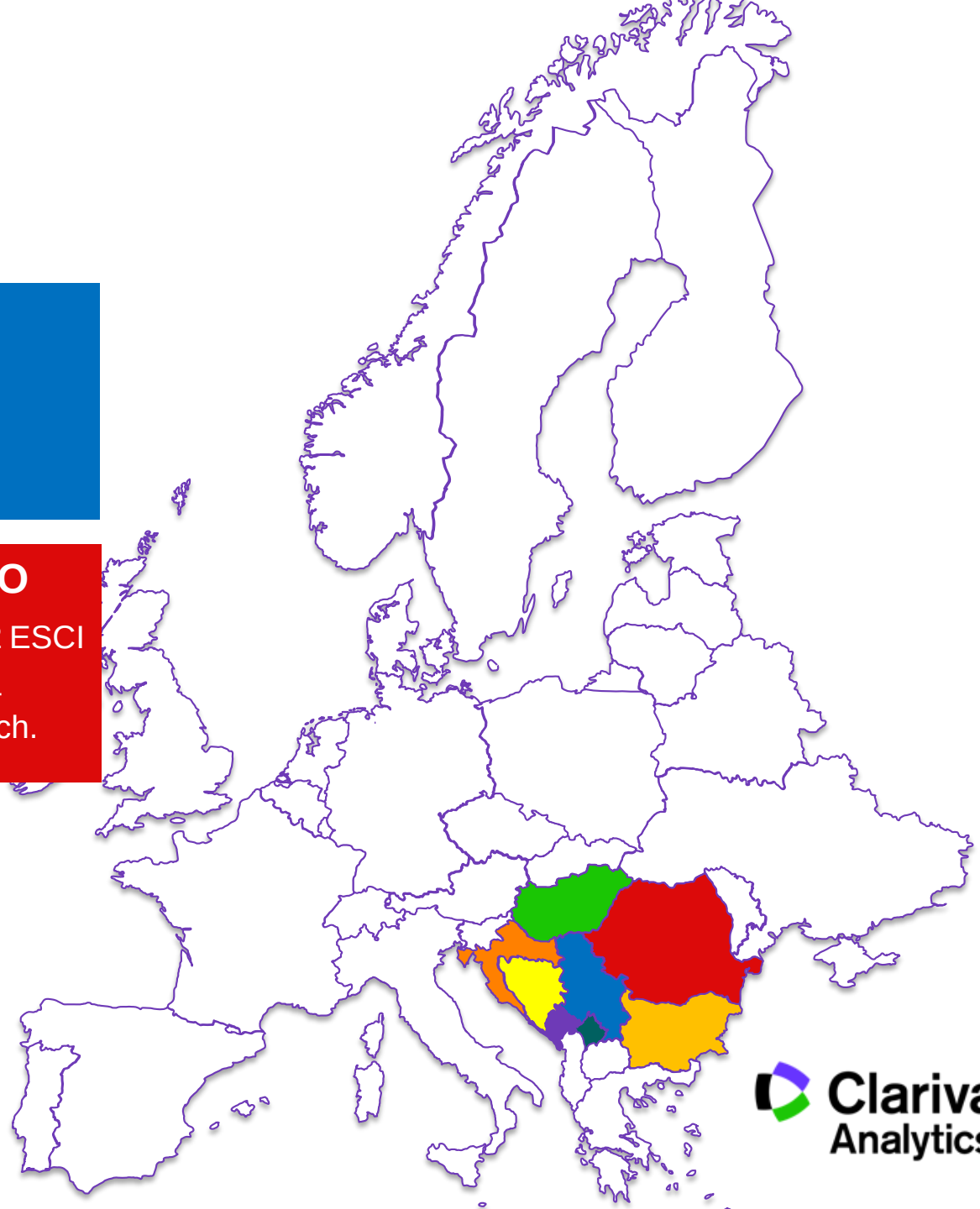
Zbornik Radova Vizantoloskog Instituta

ESCI Journals Serbia

SERBIA

33 ESCI journals
20 journals with archive

BG	BIH	HU	HR	MNE	RKS	RO
62 ESCI	6 ESCI	15 ESCI	57 ESCI	6 ESCI	3 ESCI	62 ESCI
34 arch.	4 arch.	11 arch.	34 arch.	4 arch.	3 arch.	34 arch.



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ESCI Journals Europe

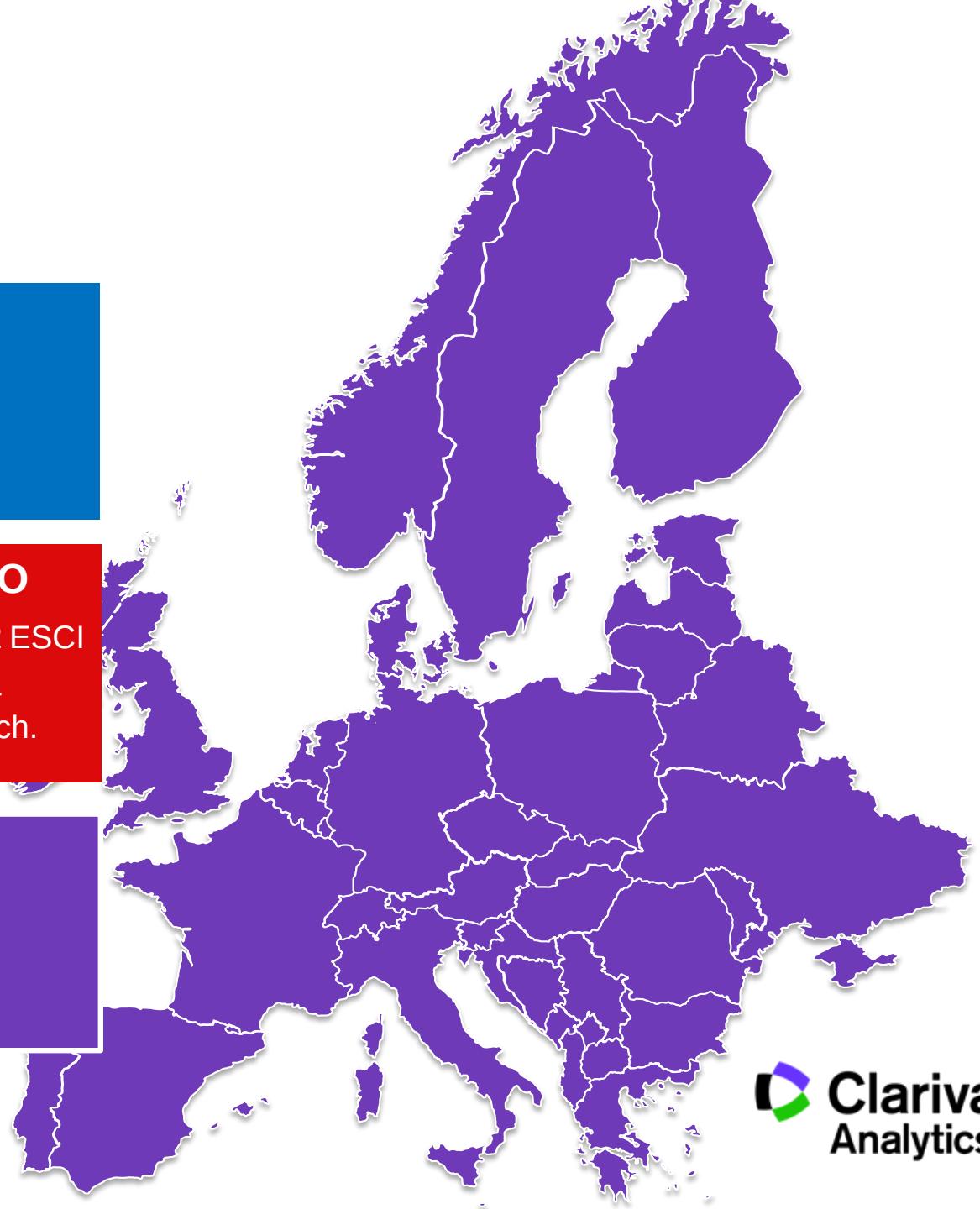
SERBIA

33 ESCI journals
20 journals with archive

BG	BIH	HU	HR	MNE	RKS	RO
62 ESCI	6 ESCI	15 ESCI	57 ESCI	6 ESCI	3 ESCI	62 ESCI
34 arch.	4 arch.	11 arch.	34 arch.	4 arch.	3 arch.	34 arch.

EUROPE

3320 ESCI journals
2435 ESCI Journals with archive



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Searching in WoS

www.webofknowledge.com

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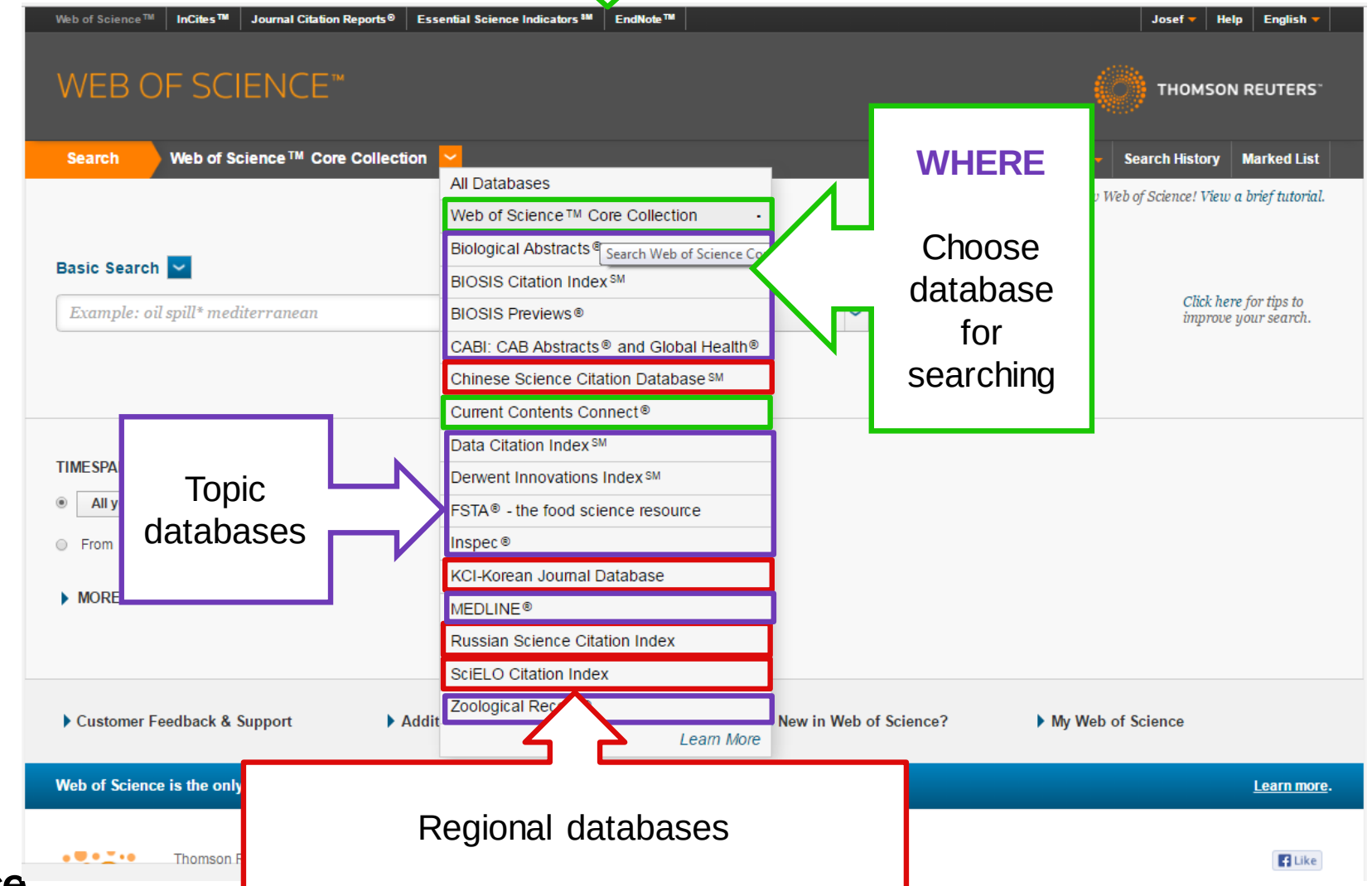
WoS interface

Where to search

Product menu = instant access to
InCites - JCR - ESI – Endnote - Publons



WHERE

Choose database for searching

Topic databases

Regional databases

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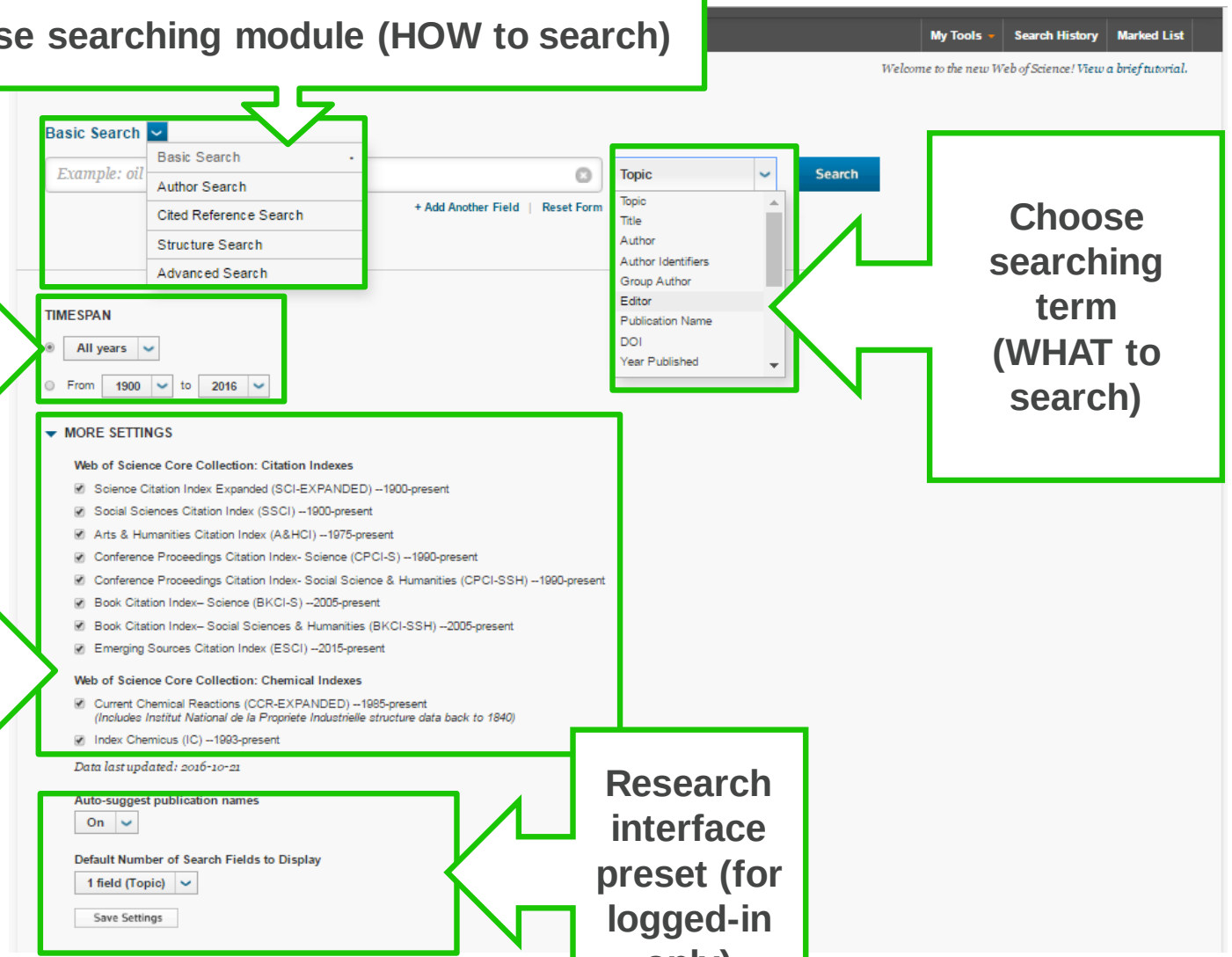
WoS interface

HOW / WHEN / WHAT

Choose searching module (HOW to search)



Choose preferred publication year or update period (WHEN)

Additionally choose preferred index

Choose searching term (WHAT to search)

Research interface preset (for logged-in only)

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Searching

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Searching rules – improve your search to retrieve more precious resulst

Searching in natural language | Wild Cards | Phrase search

All articles are indexed in natural language

- Preferred language is English (Titles, abstracts and key words are always available in English)
- Other information might be stored in national languages

Truncations / Wild Cards

- * (asterisk) – substitutes 0 or more characters
- ? (question mark) – substitutes exactly 1 character
- $ (dollar) – substitutes non or right one character

Phrase search

- When you are searching for phrase (words in exact order) use speech mark signs “ …“
  - For example „energy conservation“

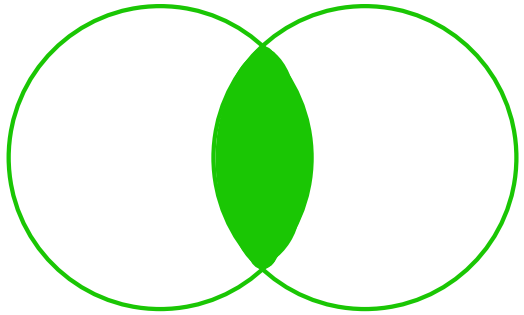
Combinations

- Truncations and phrase searches might be combined
  - For example„ zika virus treat*“
- Brackets might be used to set up priority in search query

Searching rules 2

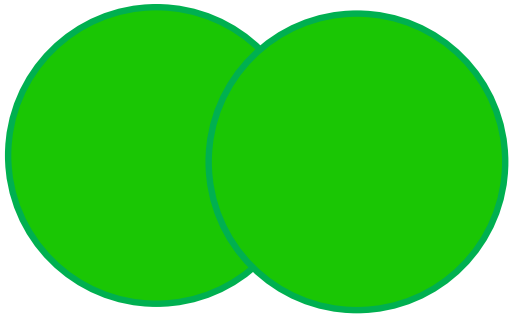
Boolean operators

AND



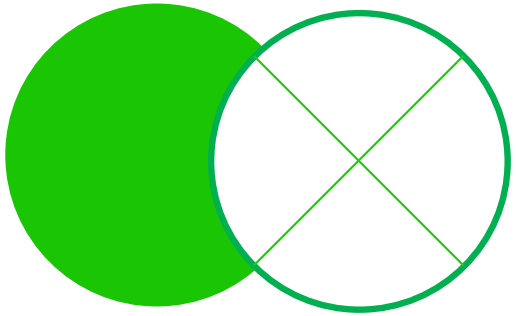
Retrieves results, where both terms appear in the same time.

OR



Retrieves all records which contains at leas one of searched term.

NOT



Allows to exclude search term from results.

Refining of results

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Refine Results

Filter your results / analyze results

Refine your search according your preference, using Refine Results Filters.

Click „more options/ values" for up to 100 variants.

Confirm your selection using „Refine"

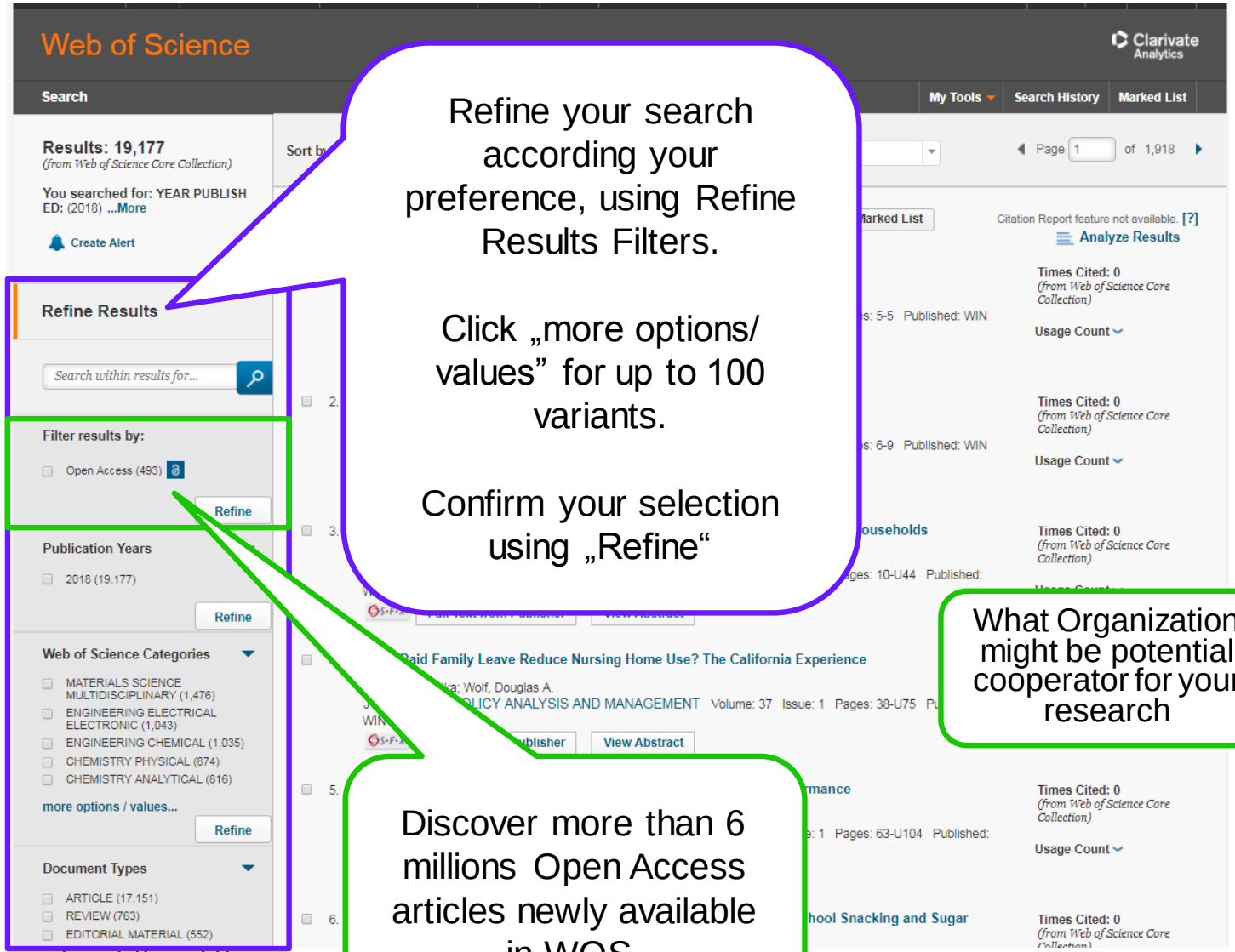
Discover more than 6 millions Open Access articles newly available in WOS.

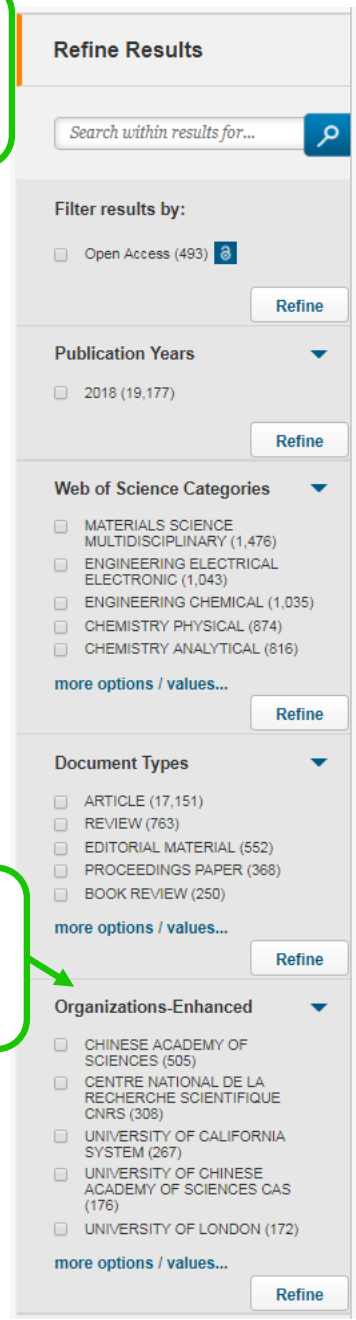
Find out who is

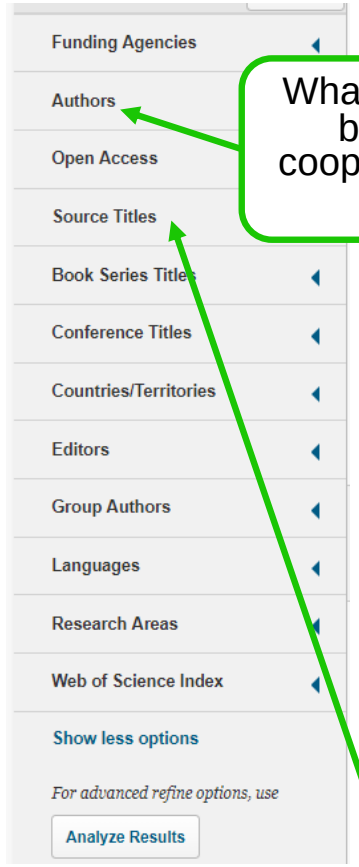
What Organization might be potential cooperator for your research

What author might be potential cooperator for your research

Which journals are important for your topic.







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Search Results

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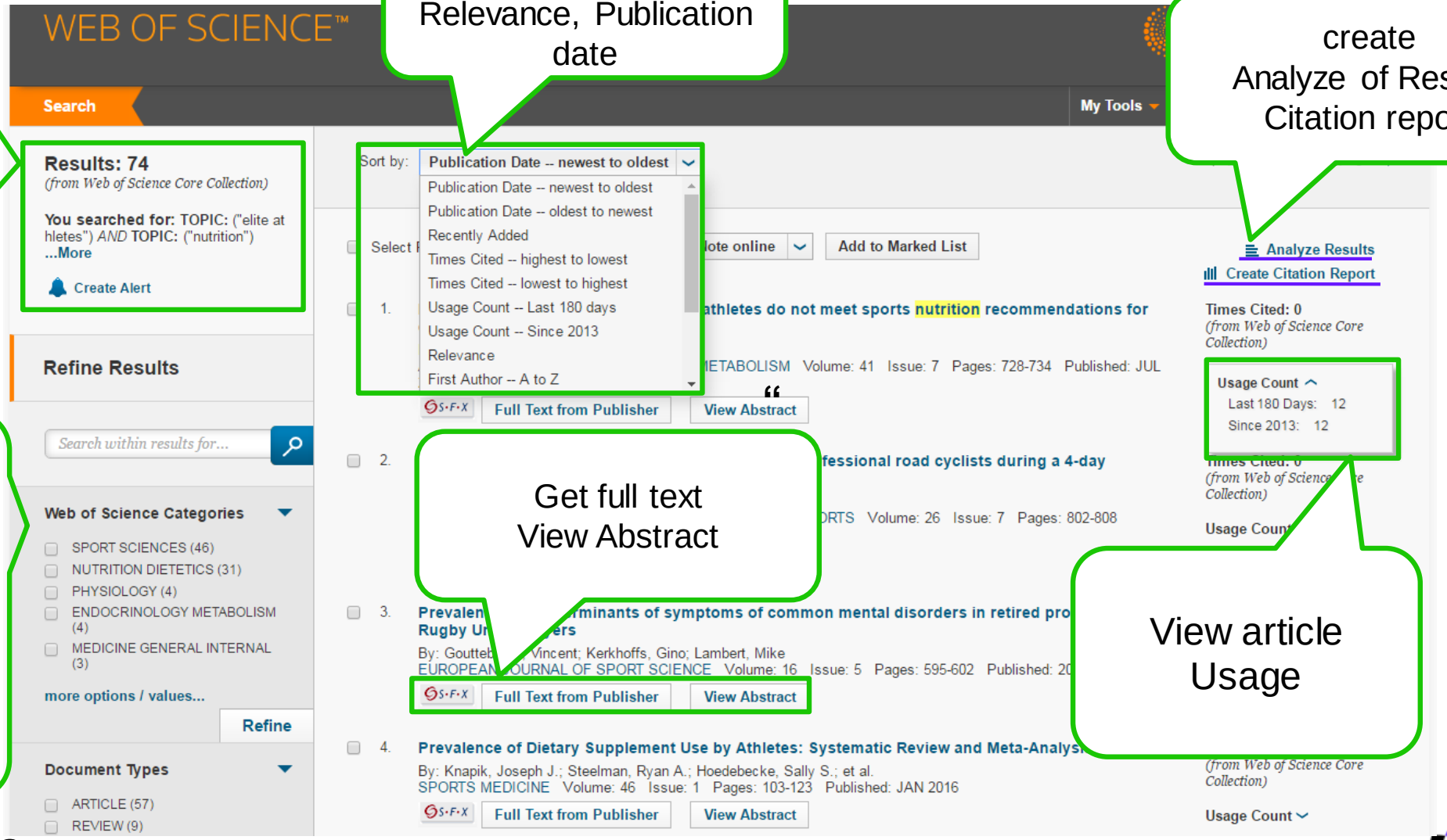
Search Results

Sorting of results by Citation count, Usage, Relevance, Publication date

create Analyze of Results Citation report

Number of results

Search query



Searching in results or filtering

Get full text
View Abstract

View article Usage

Full record

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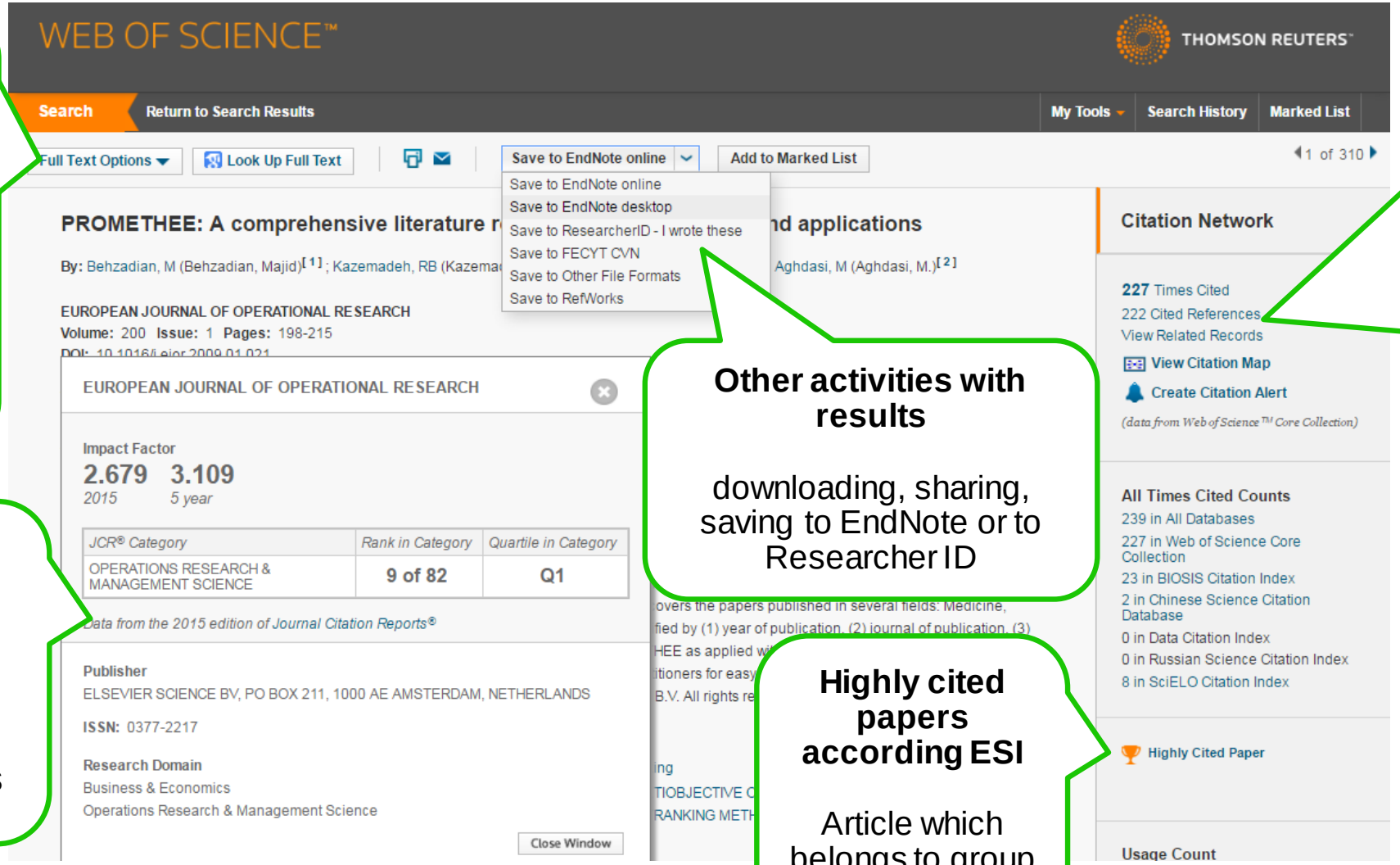
Full record

Get full text from publisher

Use your subscription

Get Open Access articles

Look up Full Text by Google scholar



View metrics from JCR

JIF
5 years JIF
JIF categories

Other activities with results

downloading, sharing, saving to EndNote or to Researcher ID

Highly cited papers according ESI

Article which belongs to group of 1% the most cited articles

Discover related articles using Citation Network

Citing articles (Times Cited)

Cited references

Related records

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Full record

Subject categories
Key words (author's)
Key words Plus

Keywords

Author Keywords: Silicon carbide; Structural materials; Ceramic composites; R… …et; Computational materials science; Nuclear materials; Accident tolerant fuels; Nuclear waste; Fission product interactions; Fusi… …ergy

KeyWords Plus: SILICON-CARBIDE COMPOSITES; SPENT HTR FUEL; THERMAL-CONDUCTIVITY; DIFFUSION BEHAVIOR; MATRIX COMPOSITES; FISSION-PRODUCT; ELEVATED-TEMPERATURES; MECHANICAL-PROPERTIES; SICF/SIC COMPOSITES; NEUTRON-IRRADIATION

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Oak Ridge National Laboratory
United States Department of Energy (DOE)

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University of Tennessee System

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United States Government	DE-AC05-000R22725
United States Department of Energy	
United States Department of Energy, Office of Basic Energy Sciences	DE-FG02-08ER46493

View funding text

Funding information

Publisher

Publisher
PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND

Categories / Classification
Research Areas: Materials Science; Physics
Web of Science Categories: Materials Science, Multidisciplinary; Physics…

Classification

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ISSN: 1359-0286

Journal Information
Table of Contents: Current Contents Connect®
Impact Factor: Journal Citation Reports®

Document information

Other Information
IDS Number: 958UD
Cited References in Web of Science Core Collection: 85
Times Cited in Web of Science Core Collection: 78

Citation Metrics

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Citation Network

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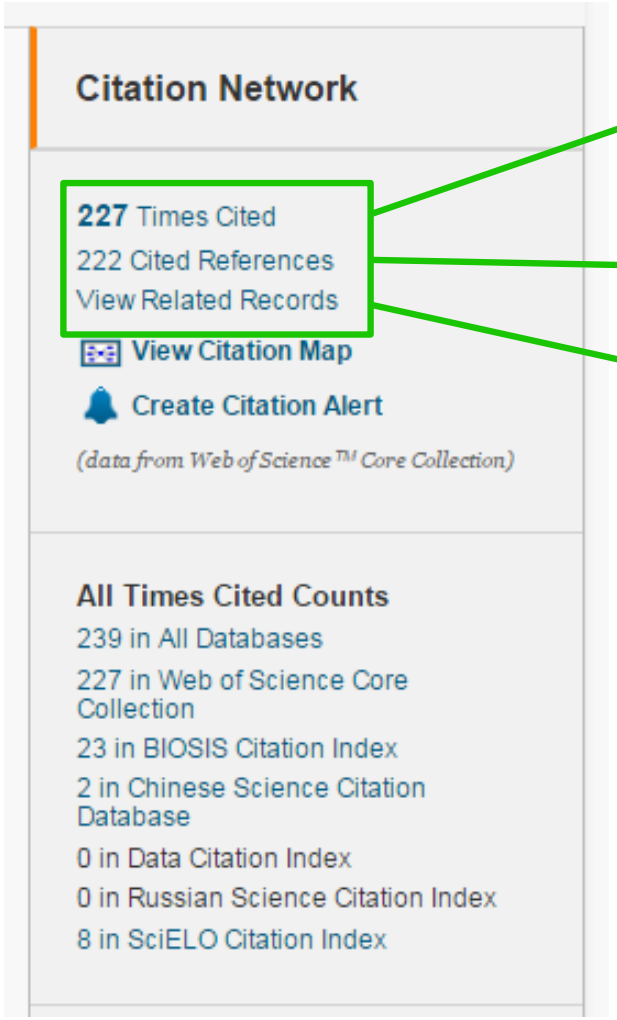
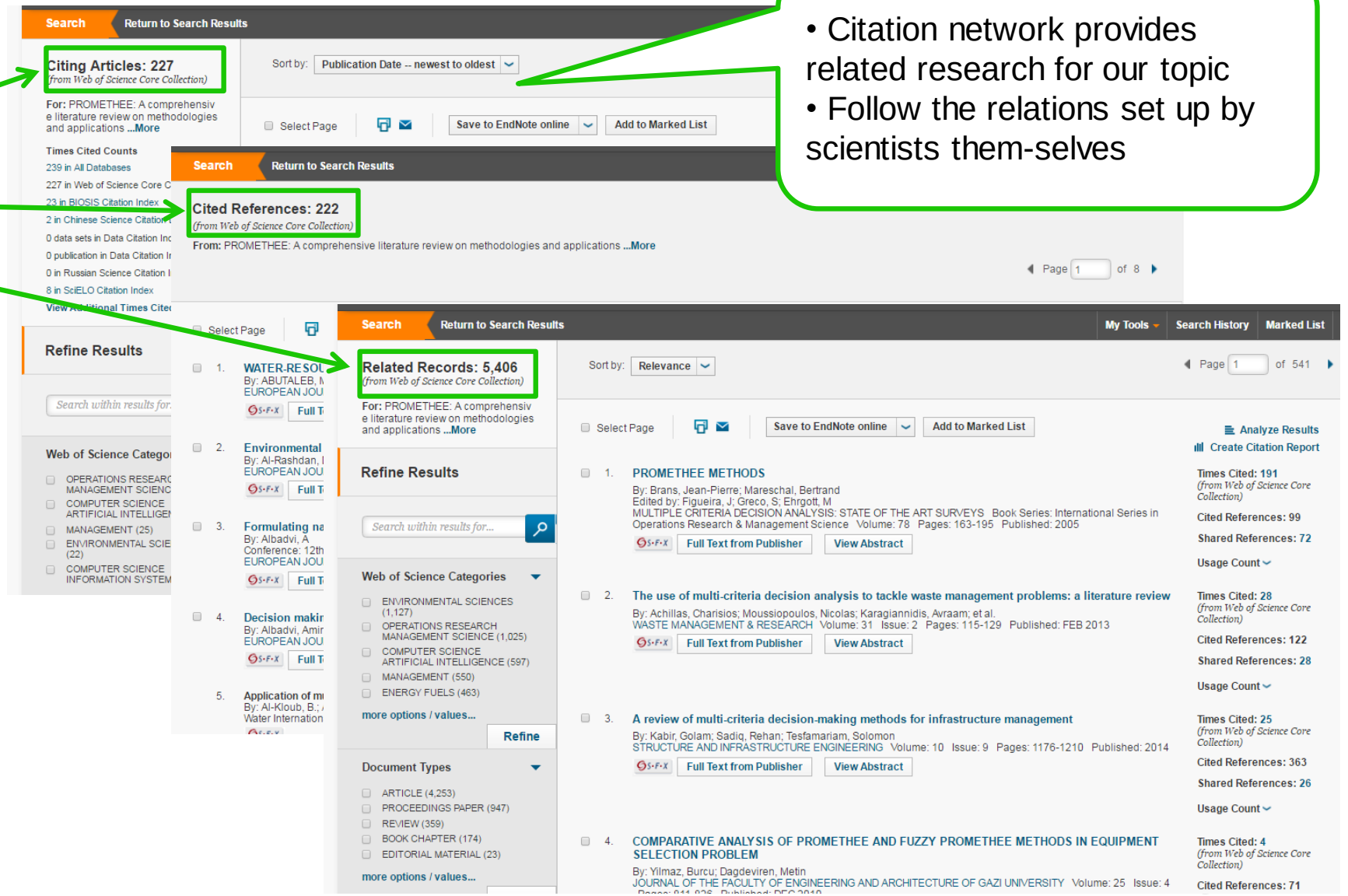
Citation Network

Discover related research





- Citation network provides related research for our topic
- Follow the relations set up by scientists them-selves

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Searching of Authors

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Searching of Authors

Available possibilities

Basic search

- Search field “Author”
- Search field „author identifier“
  - ReseracherID
  - ORCID id

Author Search – independent searching module

Searching of Authors

Common rules

Names are indexed in inverted form

- Surname Name (as initial; up to 5 initials might be stored to author)
- *examples:*
  - *Wichterle O (Otto Wichterle)*
  - *Hawking SW (Stephen W. Hawking)*

Names are indexed without diacritics.

Apostrophes and hyphens are indexed as published in the article since 1998

- OBrian W (till 1998) vs. O'Brian W(since 1998)

Since 2008 are indexed full names.

Boolean operators and truncations might be used same as in the topic search

Asterisk sign * is added automatically

For exhausting results the search query has to be set up well

- *example – OBrian W OR O'Brian W OR O'Brian William*

Searching of Authors

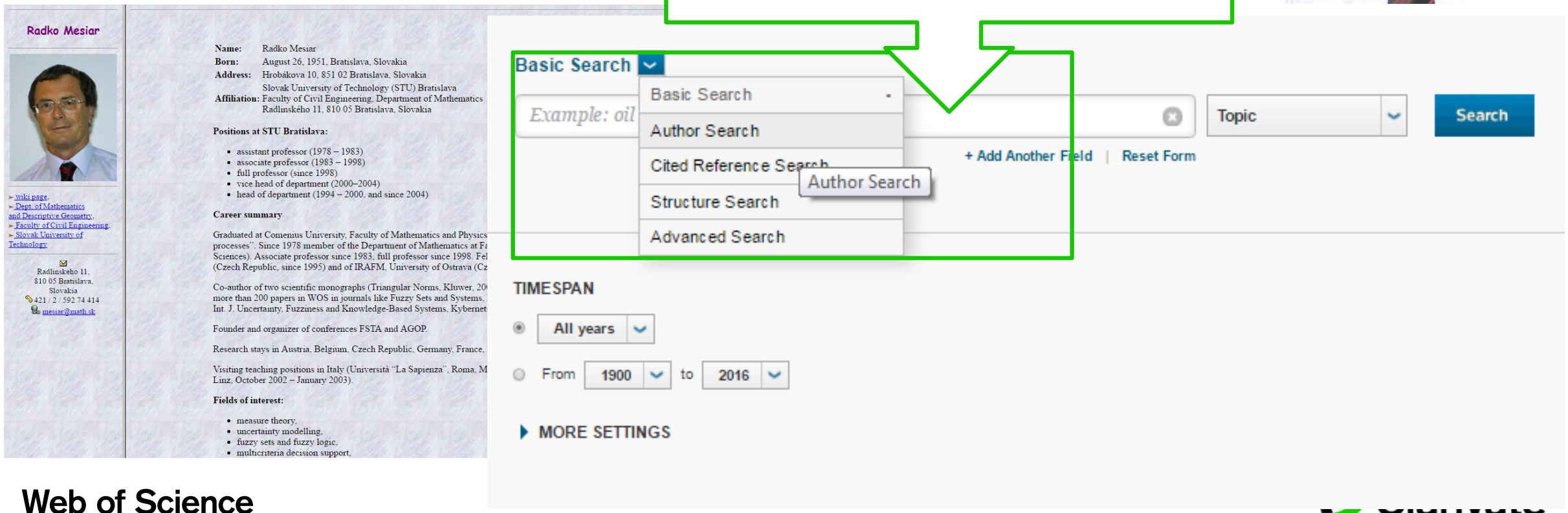
Author Search

Prof. RNDr. Radko Mesiar, DrSc.

STU Bratislava

matematika

Choose – Author search



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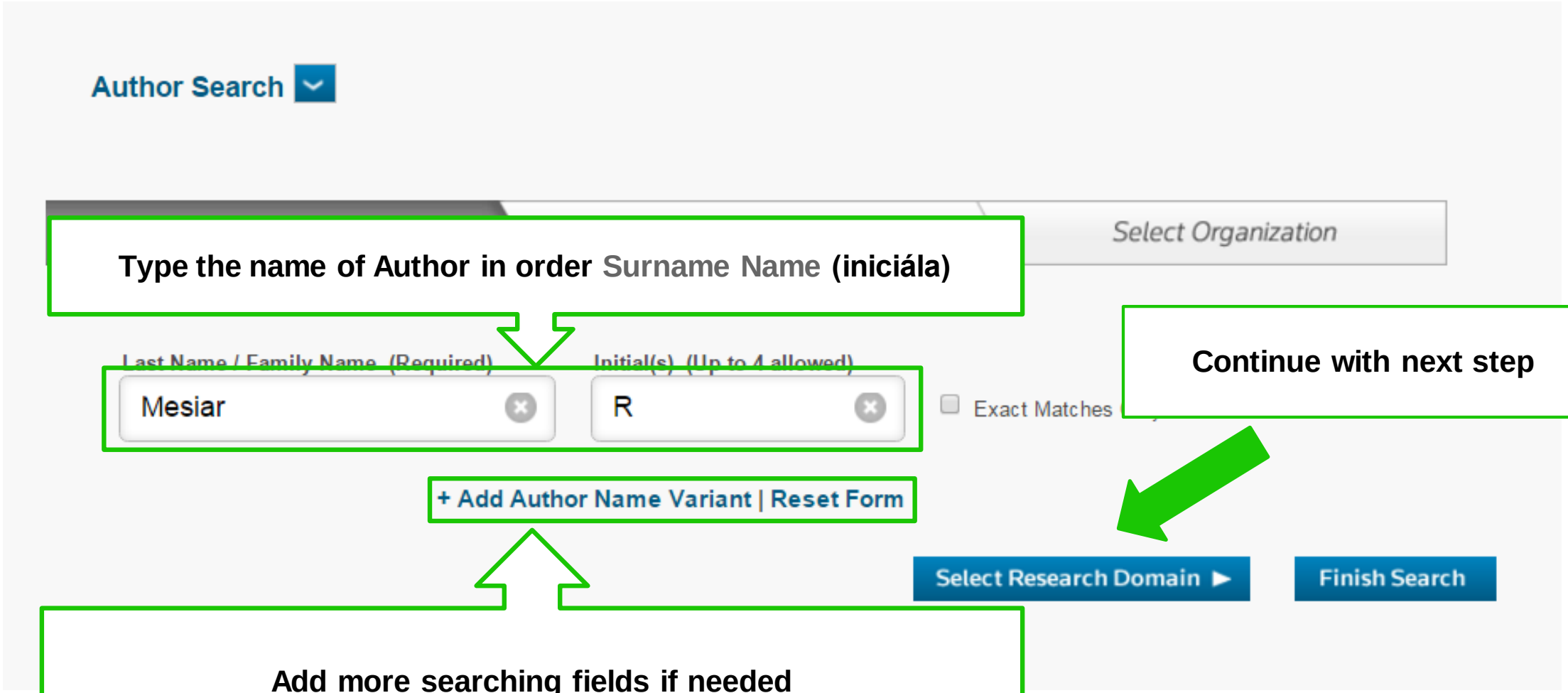
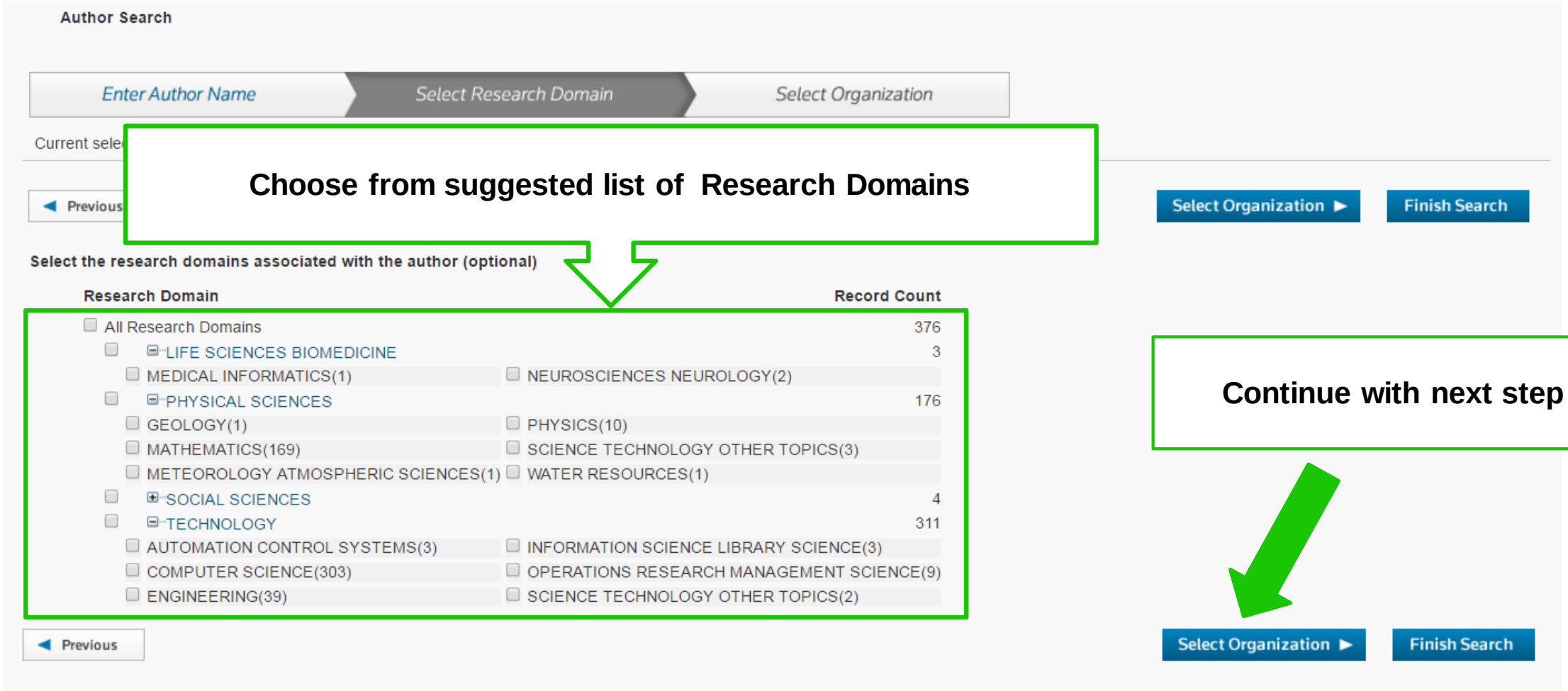
Searching of Authors

author search 1 – Author's name



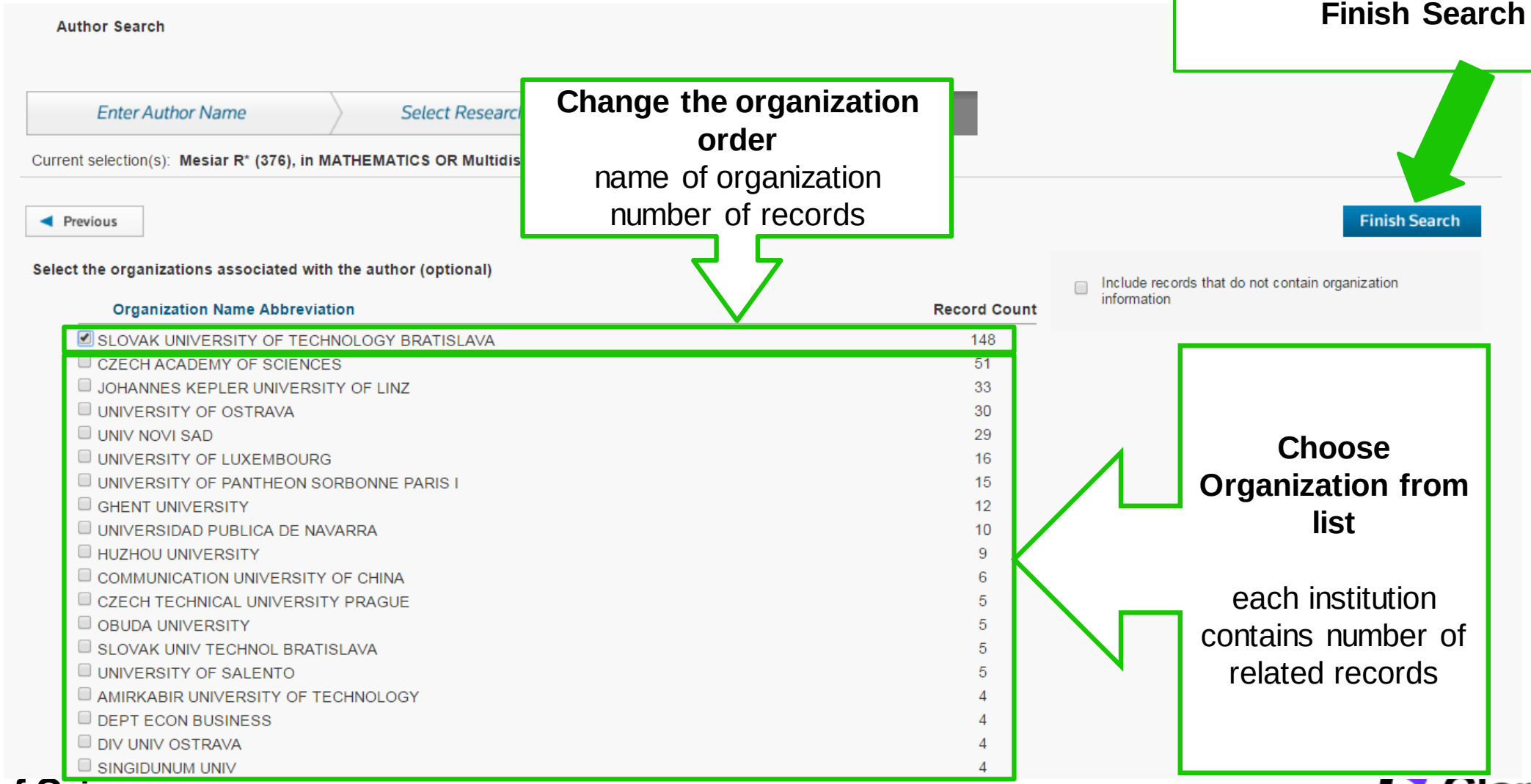
Searching of Authors

author search 2 –Research Domain



Searching of Authors

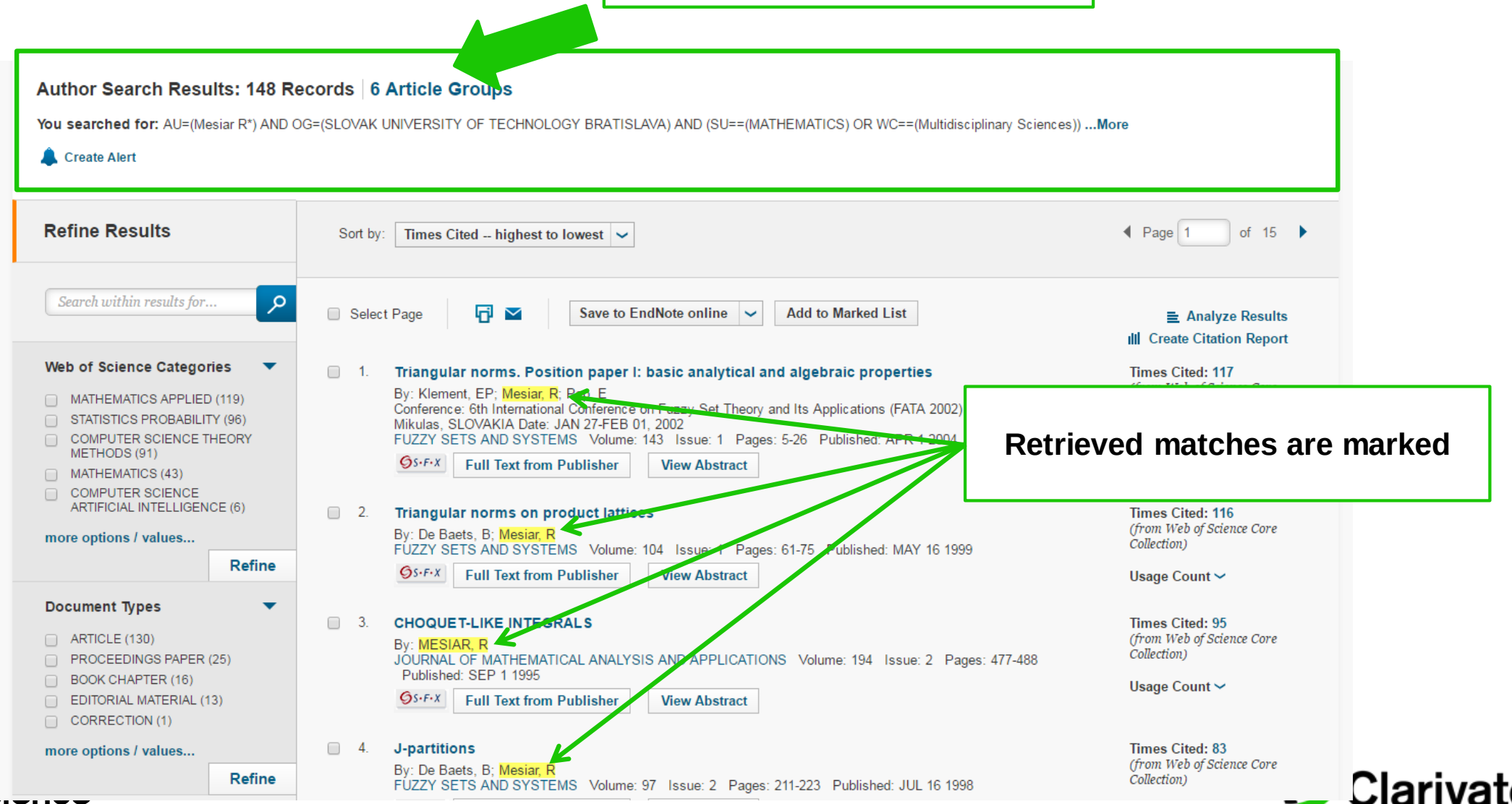
author search 3 – Select Organization



Searching of Authors

Results

Discover the results according the “article groups“



Retrieved matches are marked

Identification of authors

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ResearcherID

Developed for scientists, students and information specialists

ResearcherID has been created for scientific community as web based tool to supply following functions:

- to present publication activity
- to promote biographic and professional information
- to find potential cooperators in particular field
- to provide accurate identification of authors and their articles

ORCID

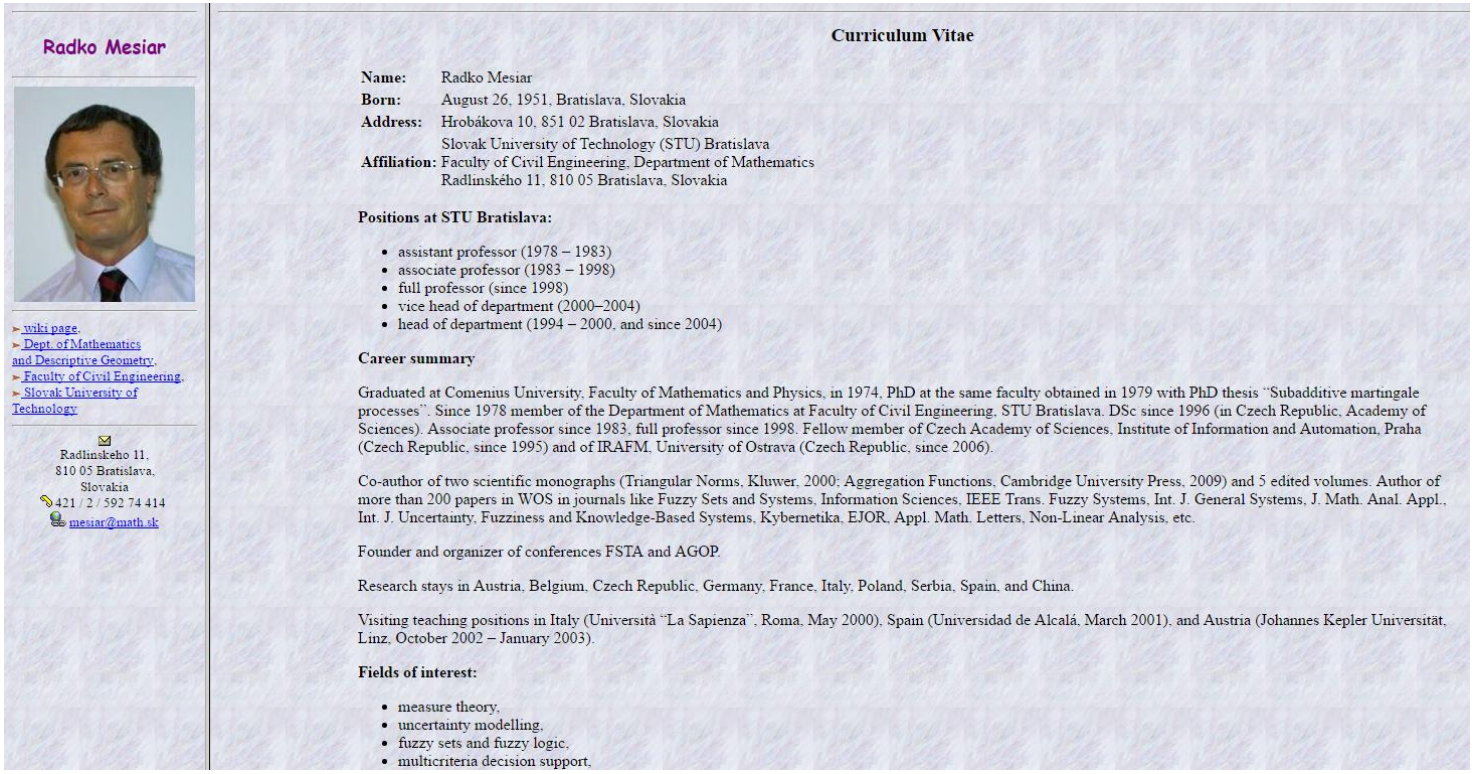
- Open Researcher and Contributor ID (ORCID) was established as international project, which should solve the problem with ambiguous authors names.
- Opened Web Base index of authors.
- ORCID cooperates with wider range of author identifiers for example Author Resolver, Inspire, IraLIS, RePEc, ResearcherID, Scopus Author Identifier, VIVO, e.g.
- ORCID is managed by individual authors. Stores bibliographic and professional information, same as articles written by authors.
- ORCID was launched in 2009 as common project of Nature Publishing Group and Thomson Reuters (Clarivate Analytics). The main goal was creating of universal tool for scientific community: authors, universities, funding agencies, professional groups, government agencies and editors.

Searching of Authors

Basic search – Author Identifiers

Prof. RNDr. Radko Mesiar, DrSc.

RID - G-6851-2014



Radko Mesiar

► wiki page,
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► Slovak University of Technology

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Curriculum Vitae

Name: Radko Mesiar
Born: August 26, 1951, Bratislava, Slovakia
Address: Hrobákova 10, 851 02 Bratislava, Slovakia
Affiliation: Slovak University of Technology (STU) Bratislava
Faculty of Civil Engineering, Department of Mathematics
Radlinského 11, 810 05 Bratislava, Slovakia

Positions at STU Bratislava:

- assistant professor (1978 – 1983)
- associate professor (1983 – 1998)
- full professor (since 1998)
- vice head of department (2000–2004)
- head of department (1994 – 2000, and since 2004)

Career summary

Graduated at Comenius University, Faculty of Mathematics and Physics, in 1974, PhD at the same faculty obtained in 1979 with PhD thesis "Subadditive martingale processes". Since 1978 member of the Department of Mathematics at Faculty of Civil Engineering, STU Bratislava, DSc since 1996 (in Czech Republic, Academy of Sciences). Associate professor since 1983, full professor since 1998. Fellow member of Czech Academy of Sciences, Institute of Information and Automation, Praha (Czech Republic, since 1995) and of IRAFM, University of Ostrava (Czech Republic, since 2006).

Co-author of two scientific monographs (Triangular Norms, Kluwer, 2000; Aggregation Functions, Cambridge University Press, 2009) and 5 edited volumes. Author of more than 200 papers in WOS in journals like Fuzzy Sets and Systems, Information Sciences, IEEE Trans. Fuzzy Systems, Int. J. General Systems, J. Math. Anal. Appl., Int. J. Uncertainty, Fuzziness and Knowledge-Based Systems, Kybernetika, EJOR, Appl. Math. Letters, Non-Linear Analysis, etc.

Founder and organizer of conferences FSTA and AGOP.

Research stays in Austria, Belgium, Czech Republic, Germany, France, Italy, Poland, Serbia, Spain, and China.

Visiting teaching positions in Italy (Università "La Sapienza", Roma, May 2000), Spain (Universidad de Alcalá, March 2001), and Austria (Johannes Kepler Universität, Linz, October 2002 – January 2003).

Fields of interest:

- measure theory,
- uncertainty modelling,
- fuzzy sets and fuzzy logic,
- multicriteria decision support,

Create Citation Report

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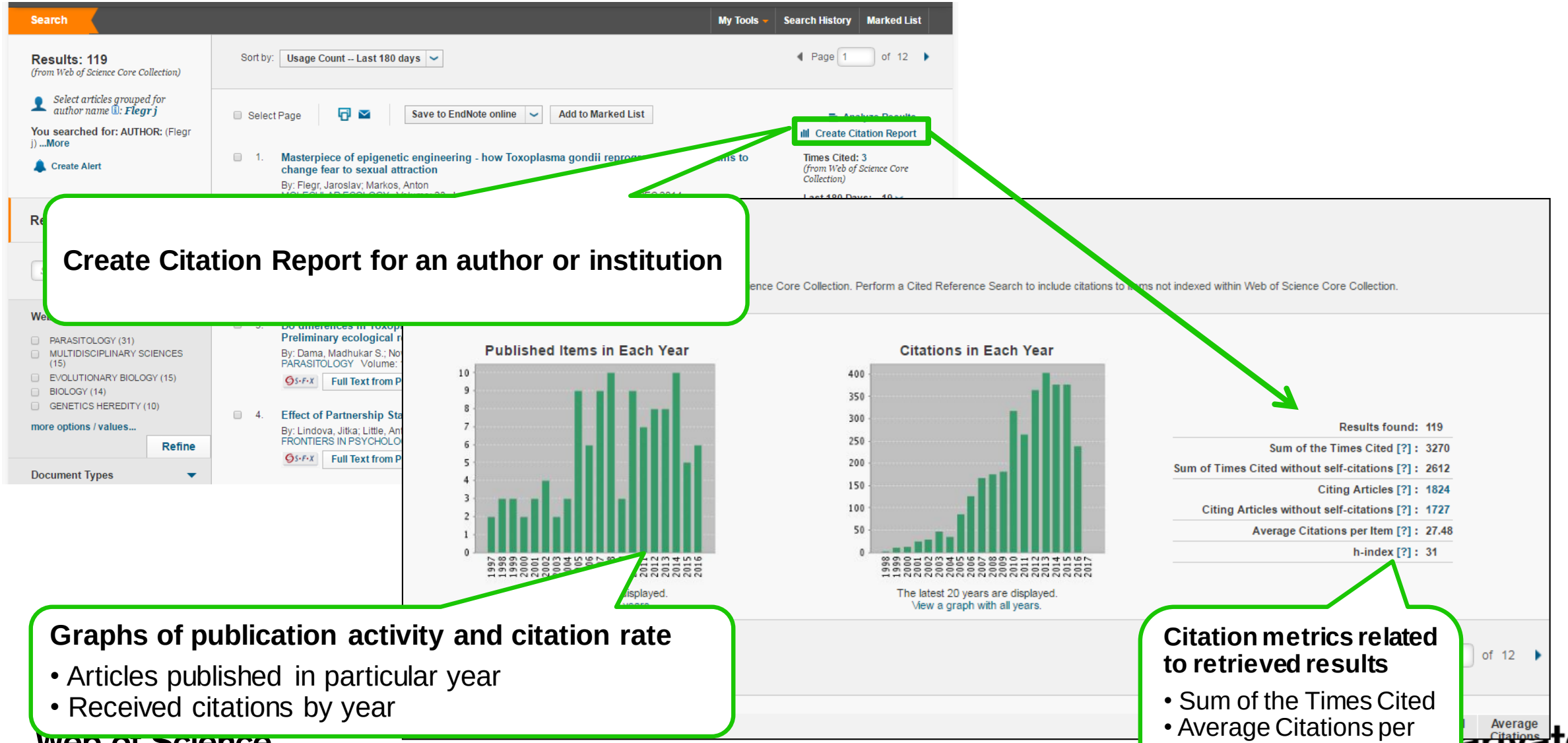
Clarivate
Analytics

Create Citation Report



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Usage Count

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Usage Count

Complementary sorting of retrieved results (articles)

Usage count can react faster on user's preferences. Represents new trends in science (developing science topics)

Usage is counted for

Last 180 days

Since 2013

What is considered as usage

- Full text usage – „full text from publisher
- Record exporting
  - To reference manager
  - Saving record to personal folder

Is not considered

- Exporting of records to other products for example InCites
- Using of API
- Other machine provided operations

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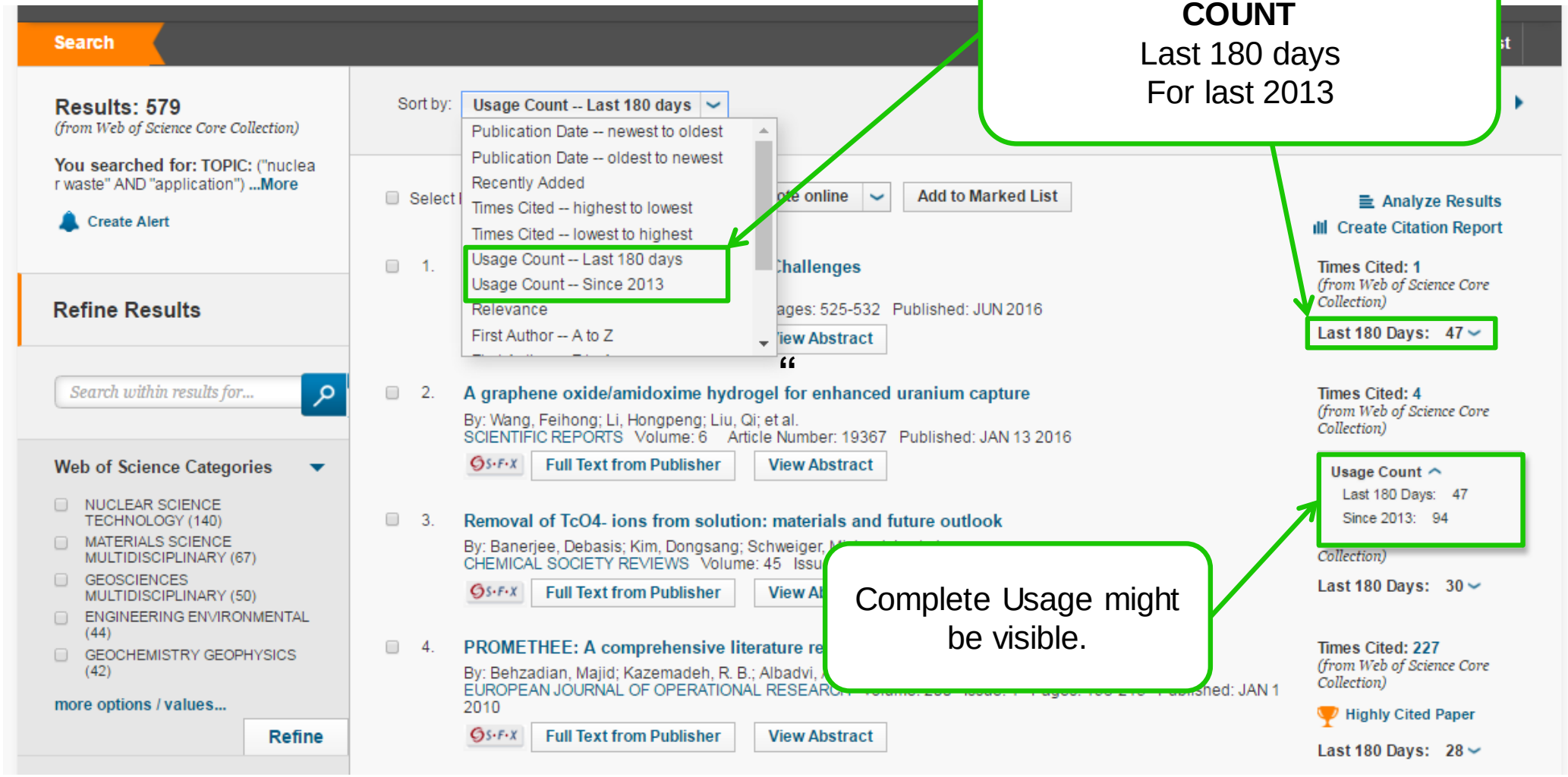
Usage Count

Sorting and usage counts in result list



Record management

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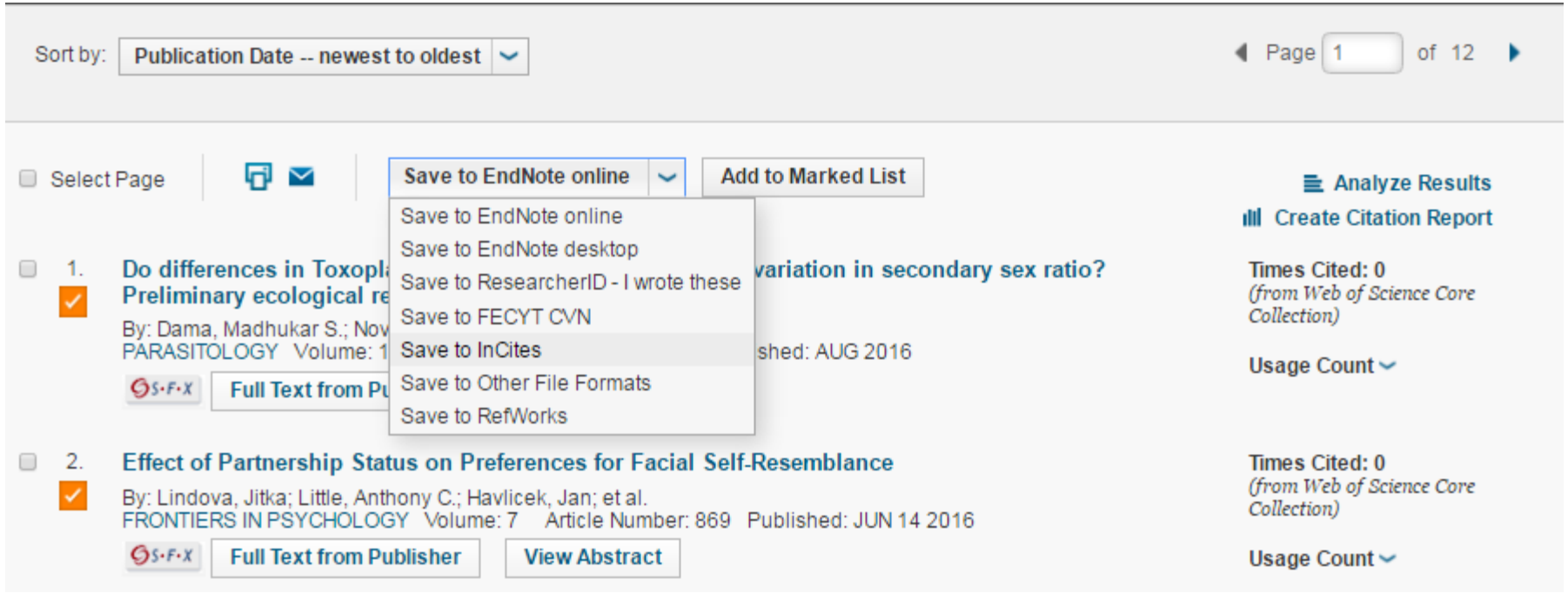
Add to marked list

- Save the records to your temporary file, unsaved marked list will be deleted
- Save your Marked list for further work
  - Marked List – „Save“ – fill in the marked list title and it’s description if needed
- All saved records will be available for future work
  - Marked List – „Open/Manage“

Exporting of records

- Print records
- E-mail records
- Save records to EndNote
  - EndNote online
  - EndNote desktop
- Export articles to your ResearcherID (Save to RID – I wrote these)
- Export set of records to Analyze them in InCites (Save to InCites)



Creating Alerts

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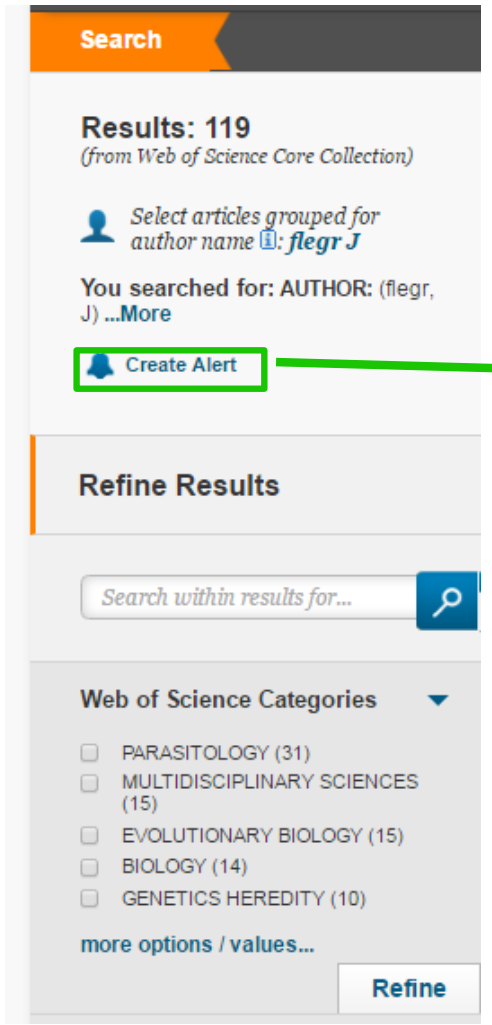
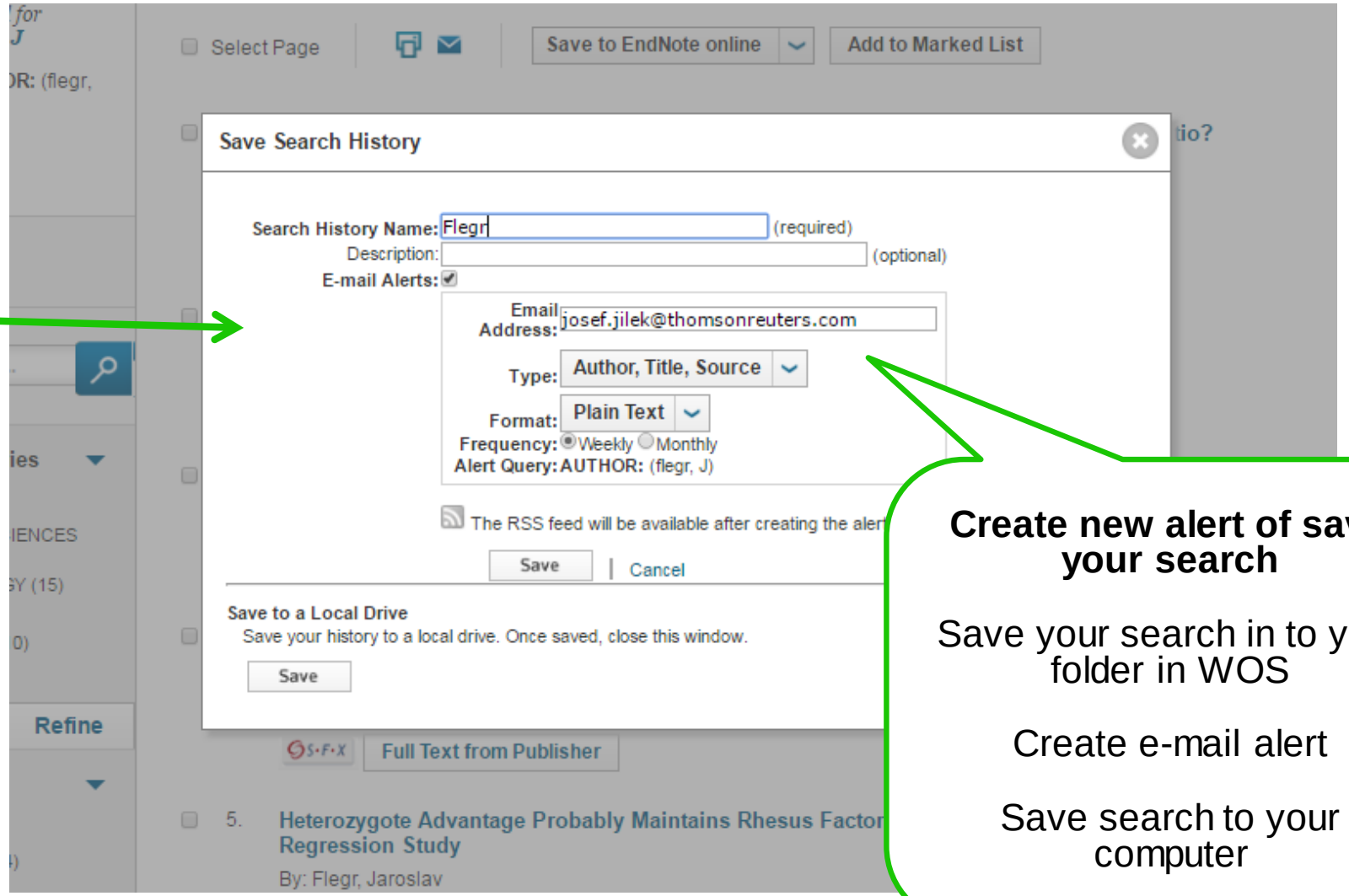
Creating alerts





Create new alert of save your search

Save your search in to your folder in WOS

Create e-mail alert

Save search to your computer

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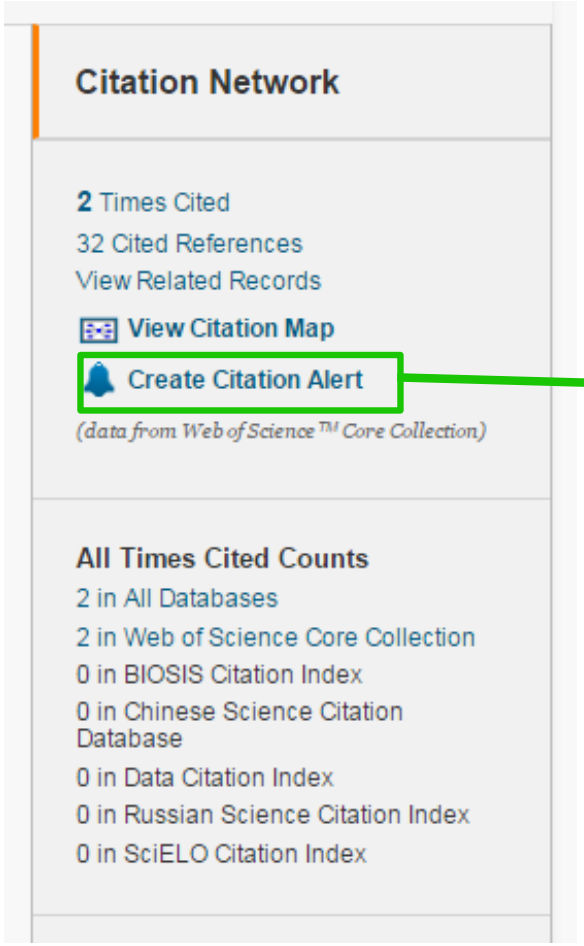
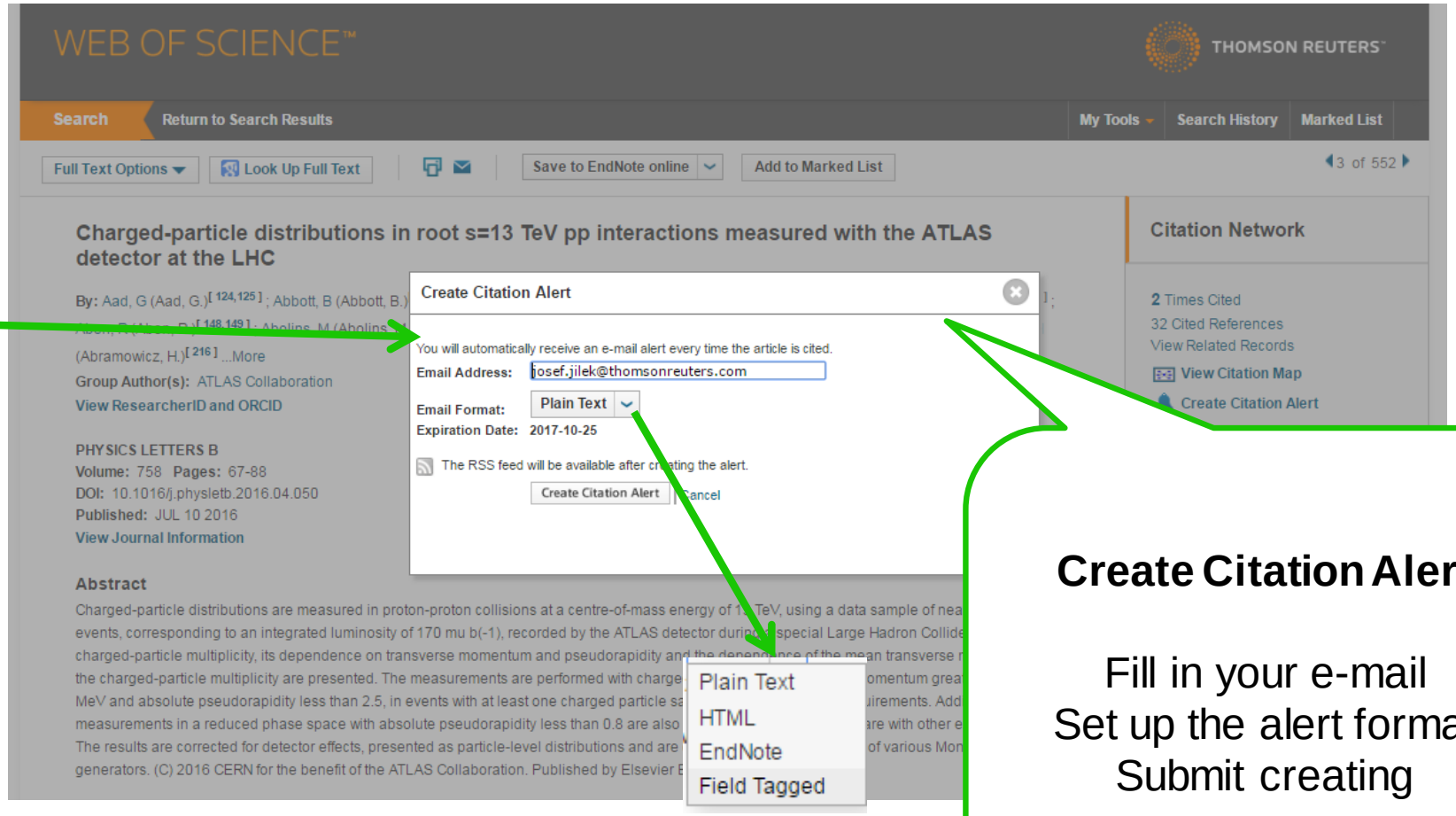
Analytics

Citation Alert

Create Citation Alert





Create Citation Alert

Fill in your e-mail
Set up the alert format
Submit creating

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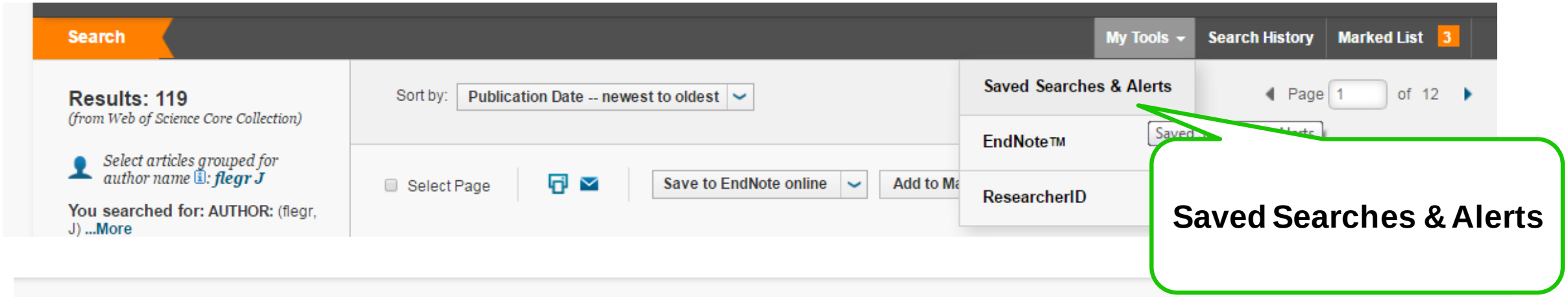
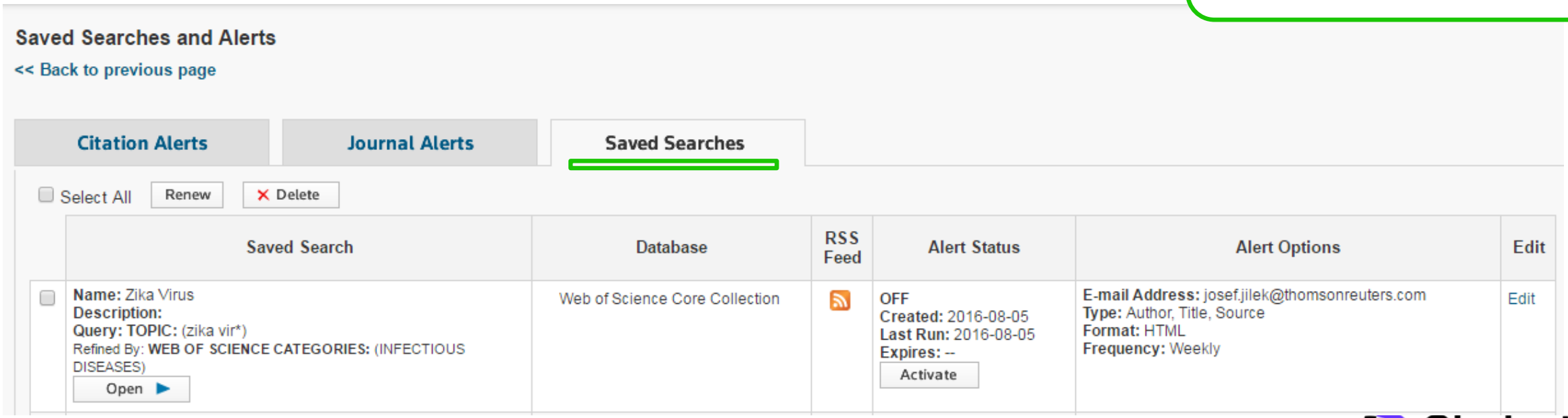
Analytics

Saved searches & Alerts

Editing





Summary

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- **Key characteristics**
- **Selection criteria**

Work in WOS

- **Searching**
- Results filtering
- Results analyzing
- **Citation network**
- **Discovering of new content**
- Author searching
- Author identifiers
- Citation reports
- **Exporting of records**
- **Alerts**

Useful links

webofscience.com
my.endnote.com
researcherid.com
clarivate.libguides.com

Thank you for your attention

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