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
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+ MILLIONS unique records related by more than 1 BILLION cited references

+9M conference proceedings
2.6M chemical compounds
1M chemical reactions

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
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
<table>
<thead>
<tr>
<th>Journal Indexes</th>
<th>Since</th>
<th>WOS Categories</th>
<th>Journal Titles</th>
<th>Open Access</th>
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<tr>
<td>Science Citation Index Expanded</td>
<td>1900</td>
<td>187</td>
<td>8879</td>
<td>937</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Social Science Citation Index</td>
<td>1900</td>
<td>66</td>
<td>3241</td>
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<td>Arts and Humanities Citation Index</td>
<td>1945</td>
<td>28</td>
<td>1785</td>
<td>84</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Emerging Sources Citation Index</td>
<td>2015</td>
<td>253</td>
<td>7100</td>
<td>2000+</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Selection process
Web of Science Core Collection journal selection process

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

- 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?

- Does this journal target an international audience or specifically a regional audience?
- Will this journal enrich WoS with novel content?
- Integration of the journal into the literature over time

- Total citations
- Recent citation activity
- Author and editorial board members’ citations in the literature
- International representation among authors and board members at an appropriate level for such a journal?

Green = ESCI selection requirements
Black = SCIE/SSCI/AHCI selection

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

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

“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

“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
ESCI Journals Serbia

SERBIA
33 ESCI journals
20 journals with archive

BG
62 ESCI
34 arch.

BIH
6 ESCI
4 arch.

HU
15 ESCI
11 arch.

HR
57 ESCI
34 arch.

MNE
6 ESCI
4 arch.

RKS
3 ESCI
3 arch.

RO
62 ESCI
34 arch.
ESCI Journals Europe

SERBIA
33 ESCI journals
20 journals with archive

EUROPE
3320 ESCI journals
2435 ESCI Journals with archive

Web of Science
Trust the difference
Searching in WoS

www.webofknowledge.com
WoS interface

Where to search

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

WHERE
Choose database for searching

Topic databases

Regional databases
**WoS interface**

**HOW / WHEN / WHAT**

1. Choose searching module (HOW to search)
2. Choose preferred publication year or update period (WHEN)
3. Additionally choose preferred index
4. Research interface preset (for logged-in only)
5. Choose searching term (WHAT to search)
Searching
Searching rules – improve your search to retrieve more precious results

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

Web of Science
Trust the difference
Searching rules 2

Boolean operators

**AND**

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

**OR**

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

**NOT**

Allows to exclude search term from results.
Refining of results
Refine Results
Filter your results / analyze results

Refine your search according to 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 author might be potential cooperator for your research

What Organization might be potential cooperator for your research

Which journals are important for your topic.
Search Results
**Full record**

### Subject categories
- Key words (author’s)
- Key words Plus

### Author information
- **Author Keywords:** Silicon carbide, Structural materials, Ceramic composites, Composite materials science, Computational materials science, Nuclear materials, Accident tolerant fuels, Fission product interactions, Fuel energy
- **Key Words Plus:** Silicon-carbide composites, Spent htr fuel, Thermal-conductivity, Diffusion behavior, Matrix composites, Fission-product migration, Elevated-temperatures, Mechanical properties, Biofuel composites, Neutron irradiation

### Complete author’s affiliation
- Oak Ridge Nat Lab, Mat Sci & Technol Div, Oak Ridge, TN 37831, USA
- University of Wisconsin Madison
- University of Tennessee Knoxville

### Document information
- **Publisher:** Pergamon-Elsevier Science Ltd
- **Categories / Classification:** Materials Science, Physics
- **Document Information:**
  - Document Type: Article
  - Language: English
  - Accession Number: WO980000250000006
  - ISSN: 1359-0236
- **Journal Information:**
  - Table of Contents: Current Contents Connect®
  - Impact Factor: Journal Citation Reports

### Funding information
- **Funding Agency:** United States Department of Energy, Office of Basic Energy Sciences
- **Grant Number:** DE-FG02-06ER44493

---

**Web of Science**

*Trust the difference*
Citation Network

Web of Science
Trust the difference
Citation Network
Discover related research

- Citation network provides related research for our topic
- Follow the relations set up by scientists themselves
Searching of Authors
Searching of Authors

Available possibilities

Basic search

- Search field “Author”
- Search field „author identifier“
  - ResearcherID
  - 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
- O'Brian 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
Searching of Authors

author search 1 – Author’s name

Type the name of Author in order Surname Name (iniciála)

Last Name / Family Name (Required) Initial(s) (Up to 4 allowed)

Meslar R

Continue with next step

+ Add Author Name Variant | Reset Form

Add more searching fields if needed
Choosing from suggested list of Research Domains

<table>
<thead>
<tr>
<th>Research Domain</th>
<th>Record Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Research Domains</td>
<td>376</td>
</tr>
<tr>
<td>LIFE SCIENCES BIOMEDICINE</td>
<td>3</td>
</tr>
<tr>
<td>MEDICAL INFORMATICS</td>
<td>(1)</td>
</tr>
<tr>
<td>NEUROSCIENCES NEUROLOGY</td>
<td>(2)</td>
</tr>
<tr>
<td>PHYSICAL SCIENCES</td>
<td>176</td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>(1)</td>
</tr>
<tr>
<td>PHYSICS</td>
<td>(10)</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>(169)</td>
</tr>
<tr>
<td>SCIENCE TECHNOLOGY OTHER TOPICS</td>
<td>(3)</td>
</tr>
<tr>
<td>METEOROLOGY ATMOSPHERIC SCIENCES</td>
<td>(1)</td>
</tr>
<tr>
<td>WATER RESOURCES</td>
<td>(1)</td>
</tr>
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<td>SOCIAL SCIENCES</td>
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<tr>
<td>TECHNOLOGY</td>
<td>311</td>
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<tr>
<td>AUTOMATION CONTROL SYSTEMS</td>
<td>(3)</td>
</tr>
<tr>
<td>INFORMATION SCIENCE LIBRARY SCIENCE</td>
<td>(3)</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>(303)</td>
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<tr>
<td>OPERATIONS RESEARCH MANAGEMENT SCIENCE</td>
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<tr>
<td>ENGINEERING</td>
<td>(39)</td>
</tr>
<tr>
<td>SCIENCE TECHNOLOGY OTHER TOPICS</td>
<td>(2)</td>
</tr>
</tbody>
</table>

Continue with next step
Searching of Authors

author search 3 – Select Organization

### Change the organization order
- name of organization
- number of records

### Choose Organization from list
- each institution contains number of related records

---

<table>
<thead>
<tr>
<th>Organization Name Abbreviation</th>
<th>Record Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLOVAK UNIVERSITY OF TECHNOLOGY BRATISLAVA</td>
<td>148</td>
</tr>
<tr>
<td>CZECH ACADEMY OF SCIENCES</td>
<td>61</td>
</tr>
<tr>
<td>JOHANNES KEPLER UNIVERSITY OF LINZ</td>
<td>33</td>
</tr>
<tr>
<td>UNIVERSITY OF OSTRAVA</td>
<td>30</td>
</tr>
<tr>
<td>UNIV NOVI SAD</td>
<td>29</td>
</tr>
<tr>
<td>UNIVERSITY OF LUXEMBOURG</td>
<td>16</td>
</tr>
<tr>
<td>UNIVERSITY OF PANTHEON SORBONNE PARIS I</td>
<td>15</td>
</tr>
<tr>
<td>GHENT UNIVERSITY</td>
<td>12</td>
</tr>
<tr>
<td>UNIVERSIDAD PUBLICA DE NAVARRA</td>
<td>10</td>
</tr>
<tr>
<td>HUZHOU UNIVERSITY</td>
<td>9</td>
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<tr>
<td>COMMUNICATION UNIVERSITY OF CHINA</td>
<td>6</td>
</tr>
<tr>
<td>CZECH TECHNICAL UNIVERSITY PRAGUE</td>
<td>5</td>
</tr>
<tr>
<td>OBUDA UNIVERSITY</td>
<td>5</td>
</tr>
<tr>
<td>SLOVAK UNIV TECHNOL BRATISLAVA</td>
<td>5</td>
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<tr>
<td>UNIVERSITY OF SALENTO</td>
<td>5</td>
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<tr>
<td>AMIRKABIR UNIVERSITY OF TECHNOLOGY</td>
<td>4</td>
</tr>
<tr>
<td>DEPT ECON BUSINESS</td>
<td>4</td>
</tr>
<tr>
<td>DIV UNIV OSTRAVA</td>
<td>4</td>
</tr>
<tr>
<td>SINGAPOUR IMM</td>
<td>4</td>
</tr>
</tbody>
</table>
Searching of Authors

Results

Author Search Results: 148 Records | 6 Article Groups
You searched for: AU=(Mesar R) AND CO=(SLOVAK UNIVERSITY OF TECHNOLOGY BRATISLAVA) AND (SU=(MATHEMATICS) OR WC=(Multidisciplinary Sciences)) ...More

Refine Results

Refine

Document Types

ARTICLE (130)
PROCEEDINGS PAPER (25)
BOOK CHAPTER (10)
EDITORIAL MATERIAL (13)
CORRECTION (1)

Sort by: Times Cited -- Highest to lowest

Search within results for...

Web of Science Categories

- MATHEMATICS APPLIED (19)
- STATISTICS PROBABILITY (96)
- COMPUTER SCIENCE THEORY METHODS (91)
- MATHEMATICS (43)
- COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (6)

Retrieve

1. Triangular norms. Position paper I: basic analytical and algebraic properties
   By: Klement, EP; Mesiar, R
   Mikulas, SLOVAKIA Date: JAN 27-30, 2002
   FUZZY SETS AND SYSTEMS Volume: 143 Issue: 1 Pages: 5-26 Published: SEP 2004
   [SFX] Full Text from Publisher | View Abstract

2. Triangular norms on product lattices
   By: De Baets, B; Mesar R
   FUZZY SETS AND SYSTEMS Volume: 104 Issue: 1 Pages: 61-75 Published: MAY 16 1999
   [SFX] Full Text from Publisher | View Abstract

3. Choquet t-like integrals
   By: Mesiar, R
   JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 194 Issue: 2 Pages: 477-498 Published: SEP 1 1995
   [SFX] Full Text from Publisher | View Abstract

4. J-partitions
   By: De Baets, B; Mesar R
   FUZZY SETS AND SYSTEMS Volume: 97 Issue: 2 Pages: 211-223 Published: JUL 15 1998
   [SFX] Full Text from Publisher | View Abstract

Retrieve matches are marked

Discover the results according the “article groups”
Identification of authors
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

Curriculum Vitae

Name: Radko Mesiar
Born: August 26, 1951, Bratislava, Slovakia
Address: Hrubá 9, 851 02 Bratislava, Slovakia
Slovak University of Technology (STU), Bratislava
Affiliation: Faculty of Civil Engineering, Department of Mathematics, Radiation 11, 810 08 Bratislava, Slovakia

Positions at STU Bratislava:
- full professor (since 1996)

Career summary:
Graduated at Comenius University, Faculty of Mathematics and Physics, in 1974. PhD at the same faculty obtained in 1979 with PhD thesis “Sublinear measures and processes.” Since 1978 member of the Department of Mathematics at Faculty of Civil Engineering, STU Bratislava. Since 1996 in Czech Republic, Academy of Sciences. Associate professor since 1983, full professor since 1996. Fellow member of Czech Academy of Sciences, Institute of Informatics and Automation, Prague (Czech Republic, since 1993) and of IFAEM, University of Ontario (Czech Republic, since 2005).


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

Visiting teaching positions in Italy (University “La Sapienza”, Rome, May 2000), Spain (University de Alcalá, March 2001), and Austria (Austrian Academy University, Linz, October 2002 – January 2003).

Fields of interest:
- summe theory,
- uncertainty modelling,
- fuzzy sets and fuzzy logic,
- multicriterion decision support.
Create Citation Report
Create Citation Report

Graphs of publication activity and citation rate
- Articles published in particular year
- Received citations by year

Citation metrics related to retrieved results
- Sum of the Times Cited
- Average Citations per paper
- h-index

Web of Science
Trust the difference
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

Web of Science
Trust the difference

Is not considered
- Exporting of records to other products for example InCites
- Using of API
- Other machine provided operations
Usage Count

Sorting and usage counts in result list

Sort the results using USAGE COUNT
- Last 180 days
- For last 2013

Complete Usage might be visible.
Record management
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
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
Citation Alert
Create Citation Alert

Create Citation Alert
Fill in your e-mail
Set up the alert format
Submit creating
Saved searches & Alerts

Editing

Saved Searches & Alerts

Web of Science
Trust the difference
Summary

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
Useful links

webofscience.com
my.endnote.com
researcherid.com
clarivate.libguides.com
Thank you for your attention

Josef Jilek  josef.jilek@clarivate.com
Customer Education Specialist

Marko Zovko  marko.zovko@clarivate.com
Country Sales Manager