

# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Library of Technology

# Web of Science & Scopus

## Use Citation Databases to Foster Your Research

Jakub Szarzec, Alena Chodounská, Olga Martinová  
January 16, 2020

- Why do citation databases exist?
- How do you use them?  
What are these good for?
- What are their limitations or risks?

The screenshot shows the Web of Science search interface. At the top, there is a navigation bar with links to Web of Science, InCites, Journal Citation Reports, Essential Science Indicators, EndNote, Publons, and Kopernio. On the right, there are links for Sign In, Help, and English. Below this, the 'Web of Science' logo is displayed on the left, and the 'Clarivate Analytics' logo is on the right. A secondary navigation bar contains links for Tools, Searches and alerts, Search History, and Marked List. The main search area features a 'Select a database' dropdown menu set to 'Web of Science Core Collection'. To the right of this is a button with a 'p' icon and the text 'Claim your publications Track your citations'. Below the database selector, there are tabs for Basic Search, Cited Reference Search, Advanced Search, Author Search, and Structure Search. The 'Basic Search' tab is active. It contains a search input field with the placeholder text 'Example: oil spill\* mediterranean' and a 'Topic' dropdown menu. A 'Search' button is located to the right of the input field. Below the search bar, there are links for '+ Add row' and 'Reset'. A 'Search tips' link is also present.

The screenshot shows the Scopus search interface. At the top, there is a navigation bar with links to Search, Sources, Alerts, Lists, Help, and SciVal. On the right, there are links for Register, Login, and a menu icon. Below this, the 'Scopus' logo is displayed on the left, and the 'Document search' title is on the right. A secondary navigation bar contains links for Documents, Authors, Affiliations, and Advanced. The 'Documents' tab is active. It contains a search input field with the placeholder text 'E.g., "Cognitive architectures" AND robots'. To the right of the input field, there is a dropdown menu set to 'Article title, Abstract, Keywords' and a '+' button. Below the search bar, there is a '> Limit' link. At the bottom right, there are links for 'Reset form' and a 'Search Q' button.

# How Do You Use Them?

- Searching for peer-reviewed reliable resources (better chance to avoid non-quality/[predatory journals](#))
- Checking journals metric to make better decision where you should (not) publish (to built your academic reputation and get your RIV points)
- Getting authors metrics (*h*-index) for your proposals or CV
- Identifying new trends, ground breaking news or core articles

# What Are Their Limitations or Risks?

- Metrics – might be confusing – make sure, you understand what these mean
- Delay in indexing (up to 6 months after publication)
- No full text, but links to full text
- Be aware about potential biases
  - Uncritical acceptance of the assumptions, reasoning, conclusions on indexed papers
  - An overly negative attitude (“the paper is no good”) to non indexed papers
- Don't rely only on citation databases. Not enough for comprehensive literature research – quality research can be at other places as well

# Key Topics

- **Search, discover, and analyze** scholarly literature and research trends
- Identify the best journals and databases for your topic
- Check the quality and ranking of journals
- Identify authors or institutions that produce high-quality research
- Set email alerts to track topics and authors
- Get full text
- **Get assistance!**

# Citation Databases: Web of Science and Scopus

- **Peer-reviewed scholarly literature** as content:
  - Journals, books, and conference proceedings
- **Content policy** and **selection criteria**:
  - **Evaluation of each source** by standard, subject/content relevance and impact
- **Citation information**:
  - Sources **cited by** or **citing** other sources
- Citation metrics
- **No full text, but links to full text!**

# Comparison

| Features             | Web of Science  | Scopus  |
|----------------------|---|---|
| Developer/Producent  | Clarivate Analytics                                     | Elsevier  |
| Period coverage      | 1945 to present   | 1970 to present                                   |
| Author identifier    | Author-created via ResearcherID <a href="#">Publons</a> | Auto-generated via <a href="#">Author profile</a> |
| Alerts service       | Yes   | Yes   |
| Export citations     | Yes   | Yes   |
| Citation analysis    | Yes   | Yes   |
| Journal search       | Journal Citation Reports                                | Sources   |
| Main Journal metrics | Journal Impact Factor                                   | CiteScore   |

# Content

## Publication Metadata

Volume 101, Issue S2 July 2009, pp. S73-S85

Cited by 257

 Access**Misreporting of energy and micronutrient intake estimated by food records and 24 hour recalls, control and adjustment methods in practice**Kamila Poslusna<sup>(a1) (a2)</sup>, Jiri Ruprich<sup>(a1)</sup>, Jeanne H. M. de Vries<sup>(a3)</sup>, Marie Jakubikova<sup>(a1) (a2)</sup> and Pieter van't Veer<sup>(a3)</sup> 

(a1)  1 Department of Food Safety and Nutrition, NIPH – National Institute of Public Health in Prague, Palackého 3a, Brno61242, Czech Republic

(a2)  2 Department of Preventive Medicine, Faculty of Medicine, Masaryk University, Tomešova 12, Brno60200, Czech Republic

(a3)  3 Division of Human Nutrition, Wageningen University and Research Centre, PO Box 8129, 6700EWWageningen, The Netherlands

<https://doi.org/10.1017/S0007114509990602> Published online: 01 July 2009

## Abstract

In order to assess nutritional adequacy, valid estimates of nutrient intake are required. One of the main errors in dietary assessment is misreporting. The objective was to review the extent, nature and determinants of misreporting in dietary assessment, how this affects reported intakes of micronutrients and how this is identified and measured, and to identify the best ways of dealing with misreporting when interpreting results. A systematic literature search was conducted for studies of misreporting of dietary intake in adults by 24 hour recalls or by estimated or weighed food records, published up to March 2008. Thirty-seven relevant studies were identified. Possible causes of misreporting were identified. Methods most used to identify misreporting were the Goldberg cut-off (46 % studies) and the doubly labelled water technique (24 % studies). The magnitude of misreporting of energy intake was similar in all three dietary assessment methods. The percentage of under-reporters was about 30 % and energy intake was underestimated by approximately 15 %. Seven papers presented usable data for micronutrient intake. Absolute intakes of Fe, Ca and vitamin C (the three micronutrients addressed in all papers) were on average 30 % lower in low-energy reporters (LER) than that in non-LER and, although results were not consistent, there was a tendency for micronutrient density to be higher in LER. Excluding underreporters or using energy adjustment methods for micronutrient intakes is discussed. Residual method of energy adjustment seems to be a good tool for practice to decrease an influence of misreporting when interpreting results of studies based on food records and 24 hour recalls.

Aa Aa

## Keywords

Dietary intake

24 Hour recall

Food record

Misreporting



View HTML



Export citation

Request permission

## Copyright

COPYRIGHT: © The Authors 2009

## Reference Metadata

## Corresponding author

\*Corresponding author: Jiri Ruprich, fax +420 541211764, email jruprich@chpr.szu.cz

## References

Hide All 

- 1Asbeck, I, Mast, M, Bierwag, A, et al. (2002) Severe underreporting of energy intake in normal weight subjects: use of an appropriate standard and relation to restrained eating. *Public Health Nutr* **5**, 683–690. [CrossRef](#) | [Google Scholar](#) | [PubMed](#)
- 2Goris, AH & Westerterp, KR (1999) Underreporting of habitual food intake is explained by undereating in highly motivated lean women. *J Nutr* **129**, 878–882. [CrossRef](#) | [Google Scholar](#) | [PubMed](#)
- 3Price, GM, Paul, AA, Cole, TJ, et al. (1997) Characteristics of the low-energy reporters in a longitudinal national dietary survey. *Br J Nutr* **77**, 833–851. [CrossRef](#) | [Google Scholar](#)
- 4Pryer, JA, Vrijheid, M, Nichols, R, et al. (1997) Who are the 'low energy reporters' in the dietary and nutritional survey of British adults? *Int J Epidemiol* **26**, 146–154. [CrossRef](#) | [Google Scholar](#) | [PubMed](#)
- 5Caan, B, Ballard Barbash, R, Slattery, M, et al. (2004) Low energy reporting may increase in intervention participants enrolled in dietary intervention trials. *J Am Diet Assoc* **104**, 357–366. [CrossRef](#) | [Google Scholar](#) | [PubMed](#)
- 6Harrison, GG, Galal, OM, Ibrahim, N, et al. (2000) Underreporting of food intake by dietary recall is not universal: a comparison of data from Egyptian and American women. *J Nutr* **130**, 2049–2054. [CrossRef](#) | [Google Scholar](#)
- 7Johansson, G, Wikman, A, Ahren, AM, et al. (2001) Underreporting of energy intake in repeated 24-hour recalls related to gender, age, weight status, day of interview, educational level, reported food intake, smoking habits and area of living. *Public Health Nutr* **4**, 919–927. [CrossRef](#) | [Google Scholar](#)
- 8Mirmiran, P (2006) Under-reporting of energy intake affects estimates of nutrient intakes. *Asia Pac J Clin Nutr* **15**, 459–464. [Google Scholar](#) | [PubMed](#)
- 9McKenzie, DC, Johnson, RK, Harvey-Berino, J, et al. (2002) Impact of interviewer's body mass index on underreporting energy intake in overweight and obese women. *Obes Res* **10**, 471–477. [CrossRef](#) | [Google Scholar](#) | [PubMed](#)
- 10Briefel, RR, Sempas, CT, McDowell, MA, et al. (1997) Dietary methods research in the third National Health and Nutrition Examination Survey: underreporting of energy intake. *Am J Clin Nutr* **65**, 1203S–1209S. [CrossRef](#) | [Google Scholar](#) | [PubMed](#)

# CHEMICKÉ LISTY

ISSN: 0009-2770

**Web of Science** - search results:

IS=(0009-2770)

**~ 10 492**

**1951** - 2019

**~ 729**

2014 - 2018

**Scopus** - search results:

ISSN(0009-2770)

**~ 4 070**

**1996** - 2019

**~ 719**

2014 - 2018

# Topic Search

# Access to WoS & Scopus

- Paid resources subscribed via libraries
- You have direct access within university network (in your office or classrooms)
- For **off-campus access** consult your library
  - [NTK](#), [CTU](#), [UCT & IOCB](#), [Charles Univ.](#), [CULS](#)
- The list of journals (including citation metrics) is for free
  - [Scopus Sources](#)
  - [Web of Science Master Journal List](#) (for access to impact factor free registration is required)

# Access via

**NTK**  
Národní knihovna technické kultury  
National Library of Technology

Search Our Collections  
Or browse: Catalog eBooks A-Z eJournals A-Z All resources

What We Have - Services & Support - Culture & Events - Who We Are - Projects & Innovation -

NTK Hours: 8:00 - 02:00 All hours

Getting Started at NTK  
Team Study Rooms  
Print, Scan, Copy  
Wi-Fi  
What's On

**Virtual Library Tour**  
Explore the library from new angles; simply click here.  
1 / 5

**News**  
**Extended Opening Hours on Sundays**  
13. 5 – You can study throughout the library on Sunday until 10:00 pm again. We have expanded study space during the exam period. Check out the [Sunday Opening Hours](#) during exams.  
**Atriums on 6th floor open**  
17. 4 – Would you like to study outside while not leaving the library? Try outdoor atriums on 6th floor.  
**Walk-in Consultations**  
4. 3 – Visit us for on-site assistance at the Knowledge Navigation Corner (Floor 2) or use the regular subject- and language-specific consultation times.

**Selected eResources**

- Cambridge Journals
- EBSCOhost
- Emerald Premier
- Encyclopedia Britannica
- IEEE Xplore
- IOpscience
- Nature Complete
- Oxford English Dictionary
- Oxford Journals
- ProQuest Central
- ProQuest Ebook Central
- ScienceDirect
- Scopus
- SpringerLink
- Taylor & Francis Online
- Web of Science
- Wiley Online Library

1 / 5

24/7 Online Access to Scientific Reso... →

Contact Us

Contact Form  
(+420) 232 002 535  
info@techlib.cz

Quick Links

- Education & Research Support
- Subject Guides
- Tutorials
- Become a Patron
- How to... (tech guides)
- Places to Study
- Suggest a Purchase
- Interlibrary Loan Services
- Conference Services & Rentals
- High Schools Support
- Contact Info and Directions
- NTK in numbers

Visa Mastercard Maestro

[National Library of Technology](#)

**CZECH TECHNICAL UNIVERSITY IN PRAGUE**  
**CENTRAL LIBRARY**

15 May 2019 is a Rector's day. Due to the shutdown of Oracle and the entire CTU IS, the services of the central CTU library

RESOURCES - SERVICES - COURSES AND TUITION - RESEARCH SUPPORT - EDITORIAL OFFICE - ABOUT -

**Information resources catalogue**

Show all - Close all

**Citations index**

Citation databases are databases that track quoted responses to published review texts.

In the Czech Republic, two of the most significant citation databases, SCOPUS and Web of Science, are used for IS VaVal review.

Specifically, for reviewing articles published in journals and conference proceedings (Web of Science is part of Citation Reports and SCOPUS).

**Web of Science**

The Web of Science (WoS) is a bibliographic and citation database used for VaVal evaluation in the Czech Republic. Together with JCR evaluates the **Impact Factor (IF)** of Journals.

WoS Components:

- Science Citation Index Expanded (SCI-Expanded)
- Social Science Citation Index (SSCI)
- Arts & Humanities Citation Index (AHCI)
- Conference Proceedings Citation Index (CPCI)
- Science
- Arts & Humanities

Journals in WoS  
Conferences in WoS

[CTU Central Library](#)

**Portál elektronických zdrojů Univerzity Karlovy**

Abecední seznam zdrojů

[A] [B] [C] [D] [E] [F] [G] [H] [Ch] [I] [J] [K] [L] [M] [N] [O] [P] [Q] [R] [S] [T] [U] [V] [W] [X] [Y] [Z]

Celkový počet zdrojů: 193

**Legenda**

- Přístupný zdroj
- Nezpracováno
- Zpracováno
- Volně dostupný zdroj

**Abecední seznam zdrojů**

- abART (volně dostupný) Free – databáze informací o současném českém a slovenském výtvarném umění
- Academic Search Ultimate (volně dostupný) Free – multioborová fulltextová databáze e-časopisů
- ACM Digital Library (volně dostupný) Free – digitální knihovna z oblasti výpočetní techniky
- ACS Publications (volně dostupný) Free – fulltextová databáze e-časopisů z oblasti chemie
- American Association for Cancer Research Publications (volně dostupný) Free – fulltextová kolekce e-časopisů z oblasti výzkumu rakoviny
- American Institute of Physics – Complete (volně dostupný) Free – fulltextová kolekce e-časopisů z oblasti fyziky a příbuzných věd
- American Mathematical Society Journals (volně dostupný) Free – fulltextová kolekce e-časopisů z oblasti matematiky
- American Physical Society e-Journals - APS ALL (volně dostupný) Free – fulltextová kolekce e-časopisů z oblasti fyziky a příbuzných věd
- AMS Journals Online - American Meteorological Society (volně dostupný) Free – fulltextová kolekce e-časopisů z oblasti meteorologie, klimatologie a hydrologie
- Annual Reviews (volně dostupný) Free – fulltextová kolekce e-časopisů z oblasti biomedicíny, přírodních věd, fyziky, sociálních věd a ekonomie
- Anapress (volně dostupný) Free – fulltextová databáze textů z českých médií
- Artstor Digital Library (OA) (volně dostupný) Free – volně přístupné obrázky, videa, dokumenty a audio nahrávky
- arXiv.org (volně dostupný) Free – open access repozitář z oblasti fyziky, matematiky a výpočetní vědy
- ASPI (volně dostupný) Free – faktografická databáze z oblasti práva
- ATLA Religion Database with ATLA Serials (volně dostupný) Free – databáze z oblasti filozofie a náboženství
- Atlases - PATHOLOGY IMAGES (volně dostupný) Free – kolekce histologických snímků
- Balkan Insight (volně dostupný) Free – zpravodajský portál se zaměřením na region západního Balkánu
- Beck Online CZ (volně dostupný) Free – fulltextová databáze českých právních předpisů, judikatur a odborné literatury z oblasti práva
- Bibliographia medica Czechoslovaca (volně dostupný) Free – bibliografická databáze z oblasti lékařství
- Biodiversity Heritage Library (volně dostupný) Free – databáze digitalizované literatury z oblasti biodiversity
- Biological Abstracts (volně dostupný) Free – bibliografická databáze na platformě Covid z oblasti biologických věd a medicíny
- BioMed Central (volně dostupný) Free – databáze open access e-časopisů z oblasti biologických věd a medicíny
- BioOne Complete (volně dostupný) Free – fulltextová databáze e-časopisů z oblasti biologických věd, ekologie a environmentálních studií

[Charles University Resources](#)

# Finding Scholarly Literature

CASE STUDY #1: I need to find high quality sources for my dissertation “**Human Factors Classification in Air Traffic Control**”.

The screenshot shows a search interface with several elements highlighted by red boxes and an annotation. At the top, a dropdown menu labeled "Select a database" is set to "Web of Science Core Collection". Below this, a navigation bar includes "Basic Search" (which is underlined), "Cited Reference Search", "Advanced Search", "Author Search", and "Structure Search". The main search area contains a text input field with the query "air traffic control", a "Search" button, and a dropdown menu labeled "Topic" which is highlighted by a red box. A red arrow points from this "Topic" dropdown to a tooltip box. The tooltip, titled "Topic", explains that it searches title, abstract, author keywords, and Keywords Plus, and provides an example query: "robot\* control\* \"input shaping\"". Below the search bar, there is a "Timespan" section with a dropdown set to "All years (1945 - 2019)" and a "More settings" link. The interface also includes a "+ Add row | Reset" link near the search bar.

Select a database Web of Science Core Collection

Basic Search Cited Reference Search Advanced Search Author Search Structure Search

"air traffic control" × Topic Search

+ Add row | Reset

Timespan

All years (1945 - 2019)

More settings

**Topic**  
Searches title, abstract, author keywords, and Keywords Plus.  
Example:  
robot\* control\* "input shaping"

# Tips & Tricks

"air traffic control" ×

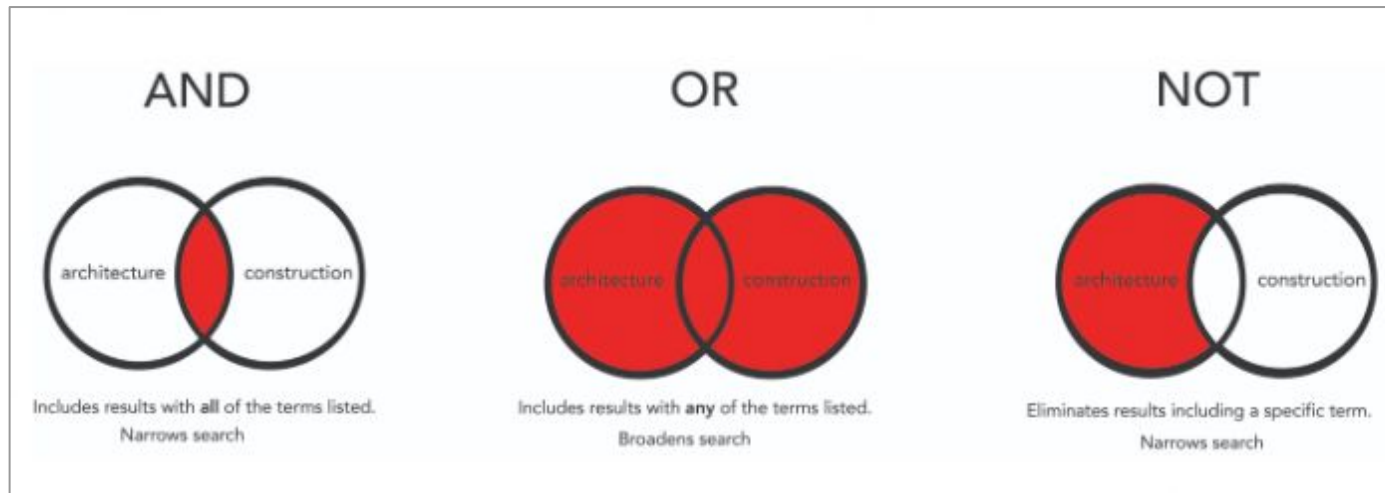
Topic ▼

And ▼ "human factors" ×

Topic ▼

Search

[+ Add row](#) | [Reset](#)



*industr\**  
*industry*  
*industrial*  
*industrialism*  
*industrialization*

*sul\*ur*  
*sulfur*  
*sulphur*

**Results: 3,530**  
(from Web of Science Core Collection)

You searched for: TOPIC: ("Air Traffic Control") ...[More](#)

Create Alert

---

**Refine Results**

Search within results for...

**Filter results by:**

- ☐ Highly Cited in Field (4)
- ☐ Open Access (248)
- ☐ Associated Data (2)

[Refine](#)

**Publication Years**

- ☐ 2019 (20)
- ☐ 2018 (166)
- ☐ 2017 (218)
- ☐ 2016 (234)
- ☐ 2015 (187)

[more options / values...](#) [Refine](#)

**Web of Science Categories**

- ☐ ENGINEERING ELECTRICAL ELECTRONIC (910)
- ☐ ENGINEERING AEROSPACE (603)
- ☐ TELECOMMUNICATIONS (412)
- ☐ COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (353)
- ☐ ERGONOMICS (327)

[more options / values...](#) [Refine](#)

---

Sort by: Date Times Cited Usage Count Relevance More

1 of 353

☐ Select Page [Export...](#) [Add to Marked List](#)

☐ 1. **Cognitive Load Theory**  
By: Sweller, John; Ayres, Paul; Kalyuga, Slava  
COGNITIVE LOAD THEORY Book Series: Explorations In the Learning Sciences Instructional Systems and Performance Technologies Pages: 3-261 Published: 2011  
[SFX](#) [NTK](#)

☐ 2. **FM radio based bistatic radar**  
By: Howland, PE; Maksimuk, D; Reitsma, G  
IEEE PROCEEDINGS-RADAR SONAR AND NAVIGATION Volume: 152 Issue: 3 Pages: 107-115 Published: JUN 2005  
[SFX](#) [NTK](#) [Full Text from Publisher](#) [View Abstract](#)

☐ 3. **Expertise reversal effect and its implications for learner-tailored instruction**  
By: Kalyuga, Slava  
EDUCATIONAL PSYCHOLOGY REVIEW Volume: 19 Issue: 4 Pages: 509-539 Published: DEC 2007  
[SFX](#) [NTK](#) [Full Text from Publisher](#) [View Abstract](#)

☐ 4. **Estimating alertness from the EEG power spectrum**  
By: Jung, TP; Makkig, S; Stensmo, M; et al.  
IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING Volume: 44 Issue: 1 Pages: 60-69 Published: JAN 1997  
[SFX](#) [NTK](#) [Full Text from Publisher](#) [View Abstract](#)

☐ 5. **A game theoretic approach to controller design for hybrid systems**  
By: Tomlin, CJ; Lygeros, J; Sastry, SS  
PROCEEDINGS OF THE IEEE Volume: 88 Issue: 7 Pages: 949-970 Published: JUL 2000  
[SFX](#) [NTK](#) [Full Text from Publisher](#) [View Abstract](#)

☐ 6. **Airline safety measurement using a hybrid model**  
By: Liou, James J. H.; Tzeng, Gwo-Hshlung; Chang, Han-Chun  
JOURNAL OF AIR TRANSPORT MANAGEMENT Volume: 13 Issue: 4 Pages: 243-249 Published: JUL 2007  
[SFX](#) [NTK](#) [Full Text from Publisher](#) [View Abstract](#)

☐ 7. **Multisensor data fusion**  
By: Varshney, PK  
ELECTRONICS & COMMUNICATION ENGINEERING JOURNAL Volume: 9 Issue: 6 Pages: 245-253 Published: DEC 1997  
[SFX](#) [NTK](#) [Full Text from Publisher](#) [View Abstract](#)

[Analyze Results](#)  
[Create Citation Report](#)

Times Cited: 573  
(from Web of Science Core Collection)  
Usage Count

Times Cited: 358  
(from Web of Science Core Collection)  
Usage Count

Times Cited: 308  
(from Web of Science Core Collection)  
Usage Count

Times Cited: 262  
(from Web of Science Core Collection)  
Usage Count

Times Cited: 239  
(from Web of Science Core Collection)  
Usage Count

Times Cited: 212  
(from Web of Science Core Collection)  
Usage Count

Times Cited: 201  
(from Web of Science Core Collection)  
Usage Count

Find the most cited or most relevant papers

Check the number of citations

Get full text


Filter your results

*TIP: Use Source Title filter to identify most relevant journals*

# Getting Full Text

**Towards a cognitive approach to human-machine cooperation in dynamic situations**

By: Hoc, JH  
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES Volume: 54 Issue: 4 Pages: 509-540 Published: APR 2001

 [Full Text from Publisher](#)


Direct “Publisher link” works just when you are working within **university network**

**NTK** **VŠCHT** **ÚOCHB**


**Title:** Towards a cognitive approach to human-machine cooperation in dynamic situations  
**Source:** International journal of human-computer studies [1071-5819] HOC, JEAN-MICHEL yr:2001 vol:54 iss:4 pg:509 -540

▶ [Full text available via Elsevier ScienceDirect Journals Complete](#)


Available from 1994/01 volume: 40 issue:1

▶ [Holdings in](#) Souborný katalog ČR 

▶ [Holdings in](#) Společný katalog NTK a VŠCHT 

▶ [Request document via](#) DDS Virtuální polytechnická knihovna 

Use “SFX link” for **distance acces** from home

 International Journal of Human-Computer Studies  
Volume 54, Issue 4, April 2001, Pages 509-540

Regular Article

**Towards a cognitive approach to human-machine cooperation in dynamic situations**

JEAN-MICHEL HOC

[Show more](#)

<https://doi.org/10.1006/ijhc.2000.0454> [Get rights and content](#)

**Abstract**

Human-computer interaction research has produced consistent results bearing on a well-established body of knowledge in cognitive science. In contrast, the new research domains of computer- supported cooperative work (CSCW) or human-machine cooperation are harder to develop because the problems to be solved are more complex and the theoretical frameworks more heterogeneous. However,

# Getting Full Text: Other Options

International ILL Order Form for individual NTK patrons

You wish to get \* ☐ A loan  
☐ A copy

Name \*

Address in the Czech Republic - Street

Address - City

Zip Code

Email

Phone

Your status \* ☐ Scholar / Scientist / Researcher  
☐ Doctoral Student  
☐ Student  
☐ Other

Purpose of this order \* ☐ Research  
☐ Teaching  
☐ Studies  
☐ Other

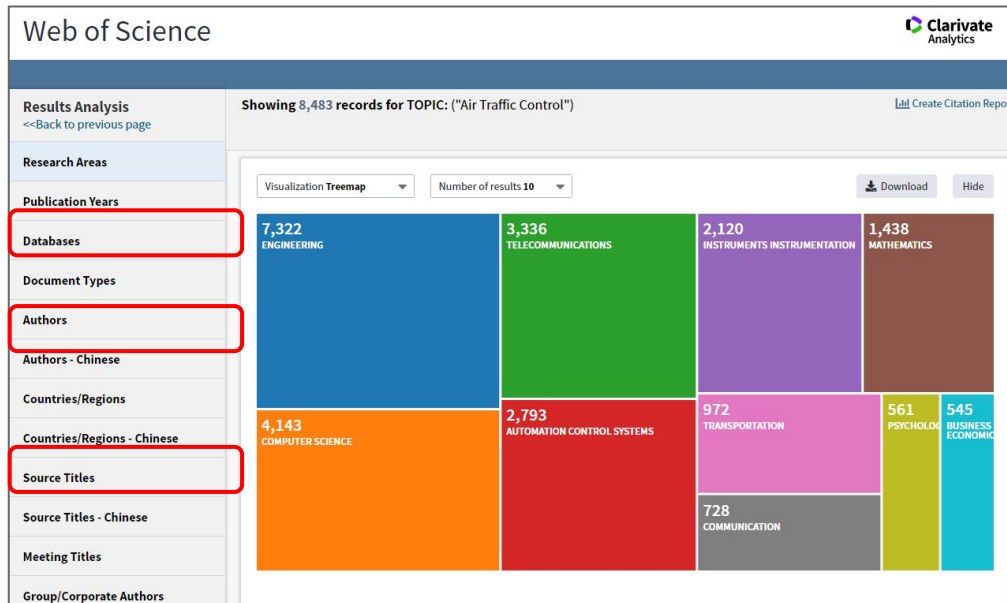
Google Scholar



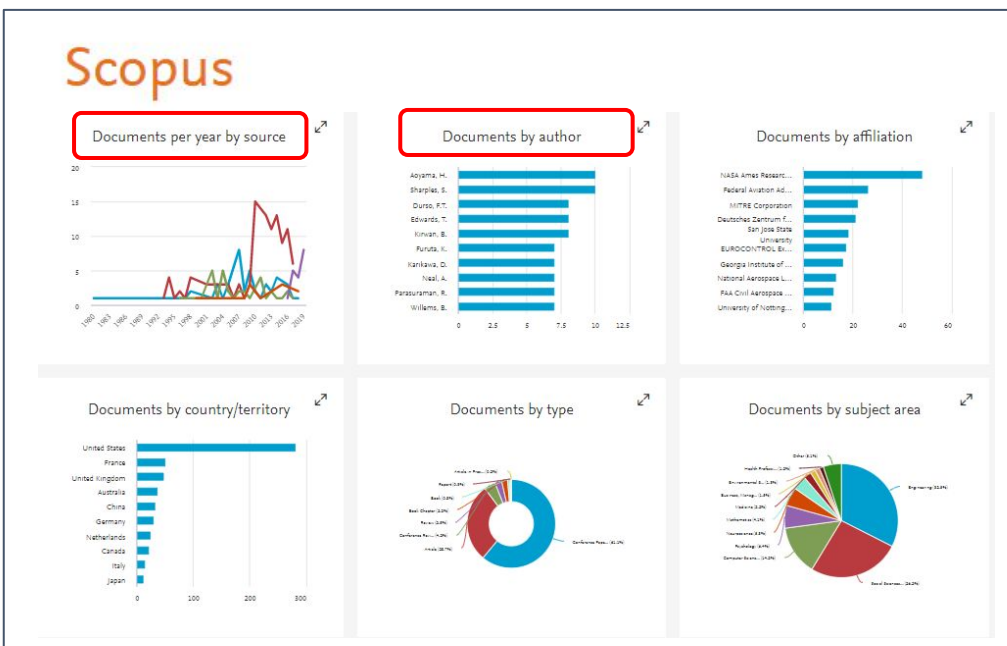
<https://www.techlib.cz/en/83429-international-ill-order-form>

# Analyze Your Results

- Identify:
  - Relevant journals and conferences
  - Relevant authors



- Understand research trends in your field



# Manage Your Results

**Results: 358**  
*(from All Databases)*

**You searched for:** TOPIC: ("Air Traffic Control") AND TOPIC: ("Human Factors") ...[More](#)

**Refine Results**

**Filter results by:**

- ☐ Highly Cited in Field (1)
- ☐ Open Access (24)

Refine

**Publication Years**

- ☐ 2019 (2)
- ☐ 2018 (7)
- ☐ 2017 (14)
- ☐ 2016 (17)
- ☐ 2015 (22)

[more options / values...](#)

Refine

Sort by: Date **Times Cited** Usage Count Relevance More ▾

◀ 1 of 36 ▶

☐ Select Page

☐ 1. **Estimating alertness from the EEG power spectrum**  
By: Jung, TP; Makeig, S; Stensmo, M; et al.  
IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING Volume: 44 Issue: 1 Pages: 60-69 Published: JAN 1997  
 Full Text from Publisher View Abstract ▾

☒ 2. **Human error analysis of commercial aviation accidents: Application of the human factors analysis and classification system (HFACS)**  
By: Wiegmann, DA; Shappell, SA  
AVIATION SPACE AND ENVIRONMENTAL MEDICINE Volume: 72 Issue: 11 Pages: 1006-1016 Published: NOV 2001  
 View Abstract ▾

☐ 3. **Towards a cognitive approach to human-machine cooperation in dynamic situations**  
By: Hoc, JH  
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES Volume: 54 Issue: 4 Pages: 509-540 Published: APR 2001  
 Full Text from Publisher View Abstract ▾

☒ 4. **Modeling and predicting mental workload in en route air traffic control: Critical review and broader implications**  
By: Loft, Shayne; Sanderson, Penelope; Neal, Andrew; et al.  
HUMAN FACTORS Volume: 49 Issue: 3 Pages: 376-399 Published: JUN 2007  
 Full Text from Publisher View Abstract ▾

**Analyze Results**  
**Create Citation Report**

**Times Cited: 272**  
*(from All Databases)*  
**Usage Count** ▾

**Times Cited: 134**  
*(from All Databases)*  
**Usage Count** ▾

**Times Cited: 123**  
*(from All Databases)*  
**Usage Count** ▾

**Times Cited: 105**  
*(from All Databases)*  
**Usage Count** ▾

# WoS & Reference Management

The screenshot displays the 'Marked List' interface in Web of Science. At the top, it says 'Marked List 2 records | View Derwent Compounds Marked List: 0 compounds'. Below this are buttons for 'Save', 'Open/Manage', and 'Clear'. A section titled '2 total records on the Marked List' provides instructions on outputting author, title, source, abstract, and times cited. The 'Output Records' section includes 'Step 1: Select records' (with options for 'All records in this list (up to 500)', 'All records on page', or a range), 'Step 2: Select content' (with checkboxes for 'Author(s) / Editor(s)', 'Title', 'Source', 'Author Identifiers', 'Abstract\*', 'Times Cited', 'ISSN / ISBN', 'Usage Count', and 'Accession Number'), and 'Step 3: Select destination' (with a link to 'Learn about saving to bibliographic software'). A red box highlights the 'Export to Other File Formats' button. A dropdown menu is open, showing options: 'EndNote Desktop' (highlighted with a red box), 'EndNote Online', 'Other File Formats', 'Claim on Publons - track citations' (highlighted with a red box and an arrow pointing to the 'Export Records to File' dialog), 'RefWorks', 'Print', 'Email', and 'Fast 5K'. The 'Export Records to File' dialog shows 'You have selected 2 results for export' and a 'File Format' dropdown set to 'Other Reference Software'. 'Cancel' and 'Export' buttons are at the bottom.

- Download citations directly to [EndNote](#)
- You can save records via browser extension as well or export them from the Marked List to other reference management tools (e.g. [Zotero](#), [Mendeley](#), or [CitacePRO](#))

# Scopus & Reference Management

Select your method of export

☐ MENDELEY ☐ RefWorks ☒ RIS Format  
EndNote,  
Reference Manager ☐ CSV  
Excel ☐ BibTeX ☐ Plain Text  
ASCII in HTML

What information do you want to export?

| <input checked="" type="checkbox"/> Citation information   | <input type="checkbox"/> Bibliographical information    | <input type="checkbox"/> Abstract & keywords | <input type="checkbox"/> Funding details | <input type="checkbox"/> Other information             |
|--|---|--|--|--|
| <input checked="" type="checkbox"/> Author(s)              | <input type="checkbox"/> Affiliations                   | <input type="checkbox"/> Abstract            | <input type="checkbox"/> Number          | <input type="checkbox"/> Tradenames & manufacturers    |
| <input checked="" type="checkbox"/> Document title         | <input type="checkbox"/> Serial identifiers (e.g. ISSN) | <input type="checkbox"/> Author keywords     | <input type="checkbox"/> Acronym         | <input type="checkbox"/> Accession numbers & chemicals |
| <input checked="" type="checkbox"/> Year                   | <input type="checkbox"/> PubMed ID                      | <input type="checkbox"/> Index keywords      | <input type="checkbox"/> Sponsor         | <input type="checkbox"/> Conference information        |
| <input checked="" type="checkbox"/> Source title           | <input type="checkbox"/> Publisher                      |  | <input type="checkbox"/> Funding text    | <input type="checkbox"/> Include references            |
| <input checked="" type="checkbox"/> volume, issue, pages   | <input type="checkbox"/> Editor(s)                      |  |  |  |
| <input checked="" type="checkbox"/> Citation count         | <input type="checkbox"/> Language of original document  |  |  |  |
| <input checked="" type="checkbox"/> Source & document type | <input type="checkbox"/> Correspondence address         |  |  |  |
| <input checked="" type="checkbox"/> DOI                    | <input type="checkbox"/> Abbreviated source title       |  |  |  |

- Download citations directly to [Mendeley](#) and [RefWorks](#)
- You can save records via browser extension as well or export them from the Marked List to other reference management tools (e.g., [Zotero](#), [EndNote](#), or [CitacePRO](#))

# Web of Science Article Details

## Airline safety measurement using a hybrid model

By: Liou, JJH (Liou, James J. H.); Tzeng, GH (Tzeng, Gwo-Hshlung); Chang, HC (Chang, Han-Chun)  
[View Web of Science ResearcherID and ORCID](#)

JOURNAL OF AIR TRANSPORT MANAGEMENT  
Volume: 13 Issue: 4 Pages: 243-249  
DOI: 10.1016/j.jairtraman.2007.04.008  
Published: JUL 2007  
Document Type: Article

[View Journal Impact](#)

**Abstract**  
Although air transport has a good safety record, public perception often focuses excessively on accidents. Safety is affected by many factors such as management, operations, maintenance, environment, aircraft design, and **air traffic control**. Quantitative measurement of the airline safety Index is the goal of this paper. Some previous efforts to measure aviation safety have assumed the criteria to be independent, but this is not the case in the real world. Here a hybrid multiple criteria decision-making model to address dependent relationships among criteria, using a decision-making trial and evaluation laboratory along with an analytical network process, to decide the relative weights of criteria, showing inter-dependence and feedback. (C) 2007 Elsevier Ltd. All rights reserved.

**Keywords**  
Author Keywords: analytical network process; multiple criteria decision-making; airline safety

**Author Information**  
Reprint Address: Tzeng, GH (reprint author)  
+ Kalnan Univ, Dept Business Adm, 1 Kalnan Rd, Tao Yuan 338, Taiwan.  
**Addresses:**  
+ [ 1 ] Kalnan Univ, Dept Business Adm, Tao Yuan 338, Taiwan  
+ [ 2 ] Kalnan Univ, Dept Air Transportat, Tao Yuan 338, Taiwan  
+ [ 3 ] Natl Chiao Tung Univ, Inst Management Technol, Hsinchu 300, Taiwan  
E-mail Addresses: ghtzeng@cc.nctu.edu.tw

**Publisher**  
ELSEVIER SCI LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND

**Journal Information**  
Table of Contents: [Current Contents Connect](#)  
Impact Factor: [Journal Citation Reports](#)

**Categories / Classification**  
Research Areas: Transportation  
Web of Science Categories: Transportation

### Citation Network

In Web of Science Core Collection

**212**  
Times Cited

[Create Citation Alert](#)

### All Times Cited Counts

220 In All Databases

[See more counts](#)

**17**  
Cited References

[View Related Records](#)

### Most recently cited by:

Titilay, Rohit; Bhattacharya, Sujoy; Thakkar, Jitesh J.  
The distribution strategy selection for an e-tailer using a hybrid DANP VIKOR MCDM model  
BENCHMARKING AN INTERNATIONAL JOURNAL (2019)

Alrifaei, Moath; Hong, Tang Sai; Supeni, Eris Elianddy; et al.  
Identification and Prioritization of Risk Factors in an Electrical Generator Based on the Hybrid FMEA Framework.  
ENERGIES (2019)

[View All](#)

### Use in Web of Science

Web of Science Usage Count

**2** **55**  
Last 180 Days Since 2013

Learn more about authors

Check the Impact Factor

JOURNAL OF AIR TRANSPORT MANAGEMENT

**Impact Factor**  
**2.038** **2.111**  
2017 5 year

| JCR® Category  | Rank in Category | Quartile in Category |
|----------------|------------------|----------------------|
| TRANSPORTATION | 17 of 31         | Q3                   |

Data from the 2017 edition of [Journal Citation Reports](#)

**Publisher**  
ELSEVIER SCI LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND



**ISSN:** 0969-6997

**Research Domain**  
Transportation

Improve your keywords

See journal details

# Scopus Article Details

|                            | Document title  | Authors                              | Year | Source   | Cited by |
|----------------------------|---|--------------------------------------|------|--|----------|
| <input type="checkbox"/> 1 | Organizational Culture as a Source of High Reliability  | Weick, K.E.                          | 1987 | California Management Review<br>29(2), pp. 112-127           | 702      |
|                            | <a href="#">View abstract</a>  <a href="#">View at Publisher</a> <a href="#">Related documents</a> |                                      |      |  |          |
| <input type="checkbox"/> 2 | Conflict resolution for Air Traffic Management: A study in multiagent hybrid systems  | Tomlin, C., Pappas, G.J., Sastry, S. | 1998 | IEEE Transactions on Automatic Control<br>43(4), pp. 509-521 | 699      |
|                            | <a href="#">View abstract</a>  <a href="#">View at Publisher</a> <a href="#">Related documents</a> |                                      |      |  |          |
| <input type="checkbox"/> 3 | Negotiation as a metaphor for distributed problem solving   | Davis, R., Smith, R.G.               | 1983 | Artificial Intelligence<br>20(1), pp. 63-109                 | 697      |

See **CiteScore** and journal details

California Management Review  
Volume 29, Issue 2, 1987, Pages 112-127

## Organizational Culture as a Source of High Reliability (Article)

Weick, K.E.

### Abstract

Organizations in which reliable performance is a more pressing issue than efficient performance often must learn to cope with incomprehensible technologies by means other than trial and error, since the cost of failure is too high. Discovery and consistent application of substitutes for trial and error—such as imagination, simulation, vicarious experience, and stories—contribute to heightened reliability. Organizational culture is integral to the creation of effective substitutes. Using examples taken from **air traffic control**, nuclear power generation, and naval carrier operations, this article demonstrates that closer attention to the ways people construct meaning can suggest new ways to improve reliability. © 1987, The Regents of the University of California.

ISSN: 00081256  
Source Type: Journal  
Original language: English

DOI: 10.2307/41165243  
Document Type: Article

[View references \(25\)](#)

### Source details

#### California Management Review

Scopus coverage years: from 1970 to 2018  
Publisher: University of California Press  
ISSN: 0008-1256 E-ISSN: 2162-8564  
Subject area: [Business, Management and Accounting: Strategy and Management](#)

[View all documents >](#) [Set document alert](#) [Journal Homepage](#)

---

[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

CiteScore 2017 

4.28 =  Citation Count 2017 = 355 Citations >  
 Documents 2014 - 2016\* = 83 Documents >

## **EXERCISE:**

Find 3-5 articles in your field in either  
Web of Science or Scopus.

# Searching for Journals

# Journal Metrics

## Web of Science via Journal Citation Reports:

- [Journal Impact Factors](#)
- [Eigenfactor Score](#)
- [Article Influence Score](#)

## Scopus via Sources:

- [CiteScore](#)
- [Scimago Journal Ranking \(SJR\)](#)
- [Source Normalized Impact per Paper \(SNIP\)](#)

# Impact Factor (WoS)

*“The impact factor is a measure of the frequency with which the ‘average article’ in a journal has been cited in a particular year or period.”*

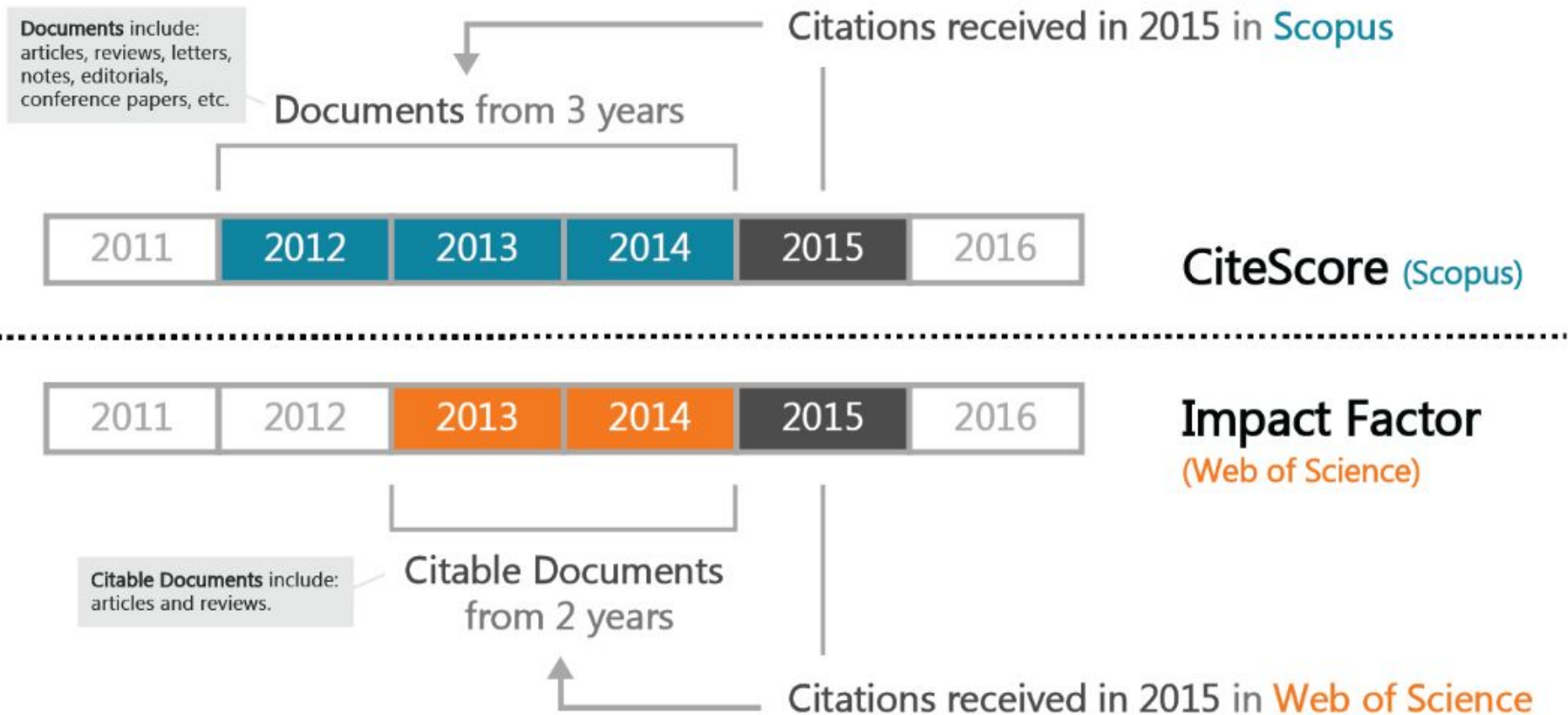
*“The impact factor of a journal is calculated by dividing the number of current year citations to the source items published in that journal during the **previous two years**.”<sup>1</sup>*

$$\text{IF}_{2017} = \frac{\text{Citations}_{2016} + \text{Citations}_{2015}}{\text{Publications}_{2016} + \text{Publications}_{2015}} = \frac{32389 + 41701}{880 + 902} = 41.577$$

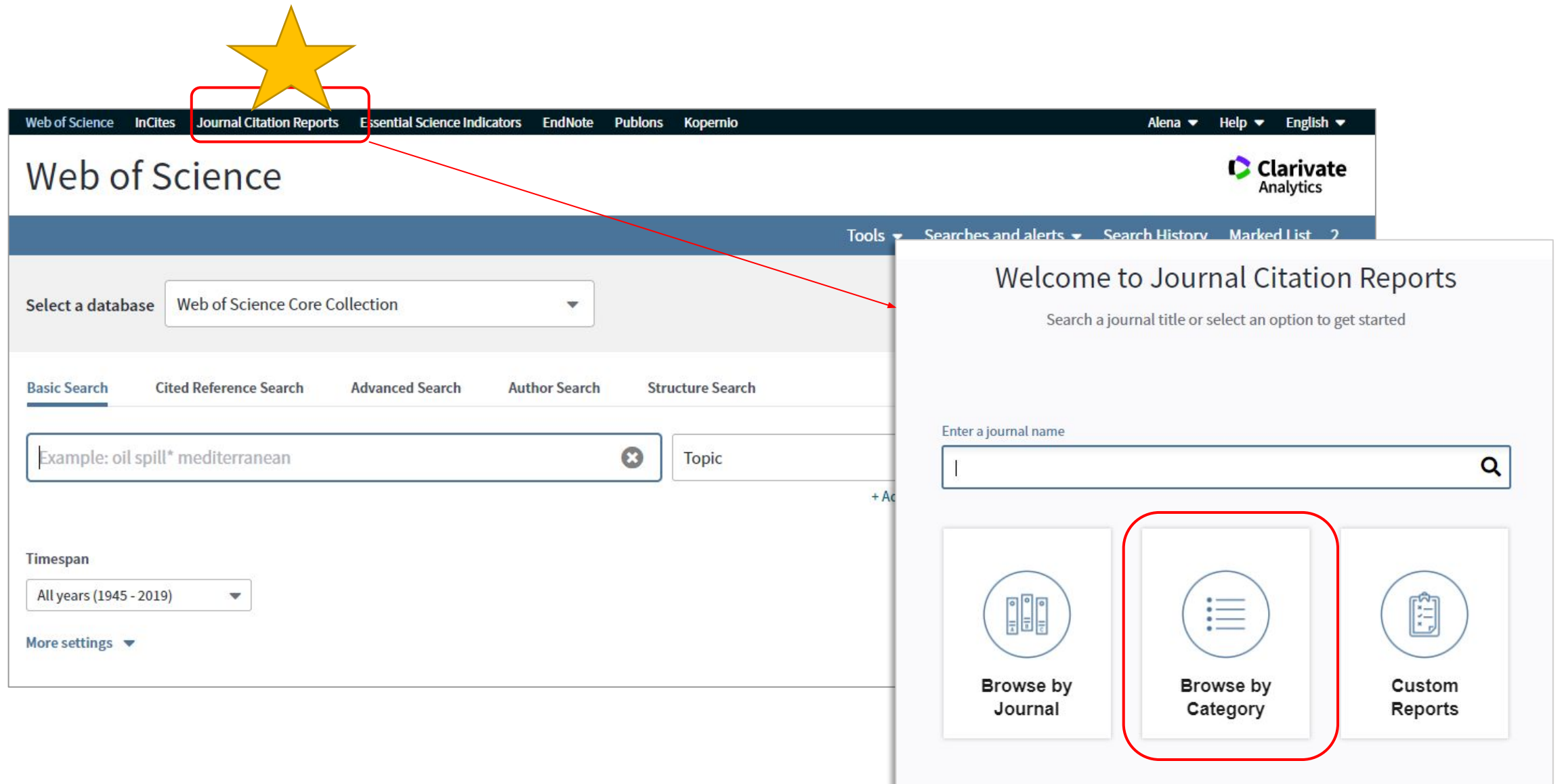
Image source: [https://en.wikipedia.org/wiki/Impact\\_factor](https://en.wikipedia.org/wiki/Impact_factor)

1) Garfield E. (1994, June 20), The Impact Factor. Originally published in the *Current Contents*, Available also at: <https://clarivate.com/webofsciencegroup/essays/impact-factor/>

# CiteScore (Scopus) X Impact Factor (WoS)



# Identify Journals in Your Field - WoS



The image shows the Web of Science interface with a focus on the Journal Citation Reports section. A yellow star is placed above the 'Journal Citation Reports' link in the top navigation bar, which is also enclosed in a red rectangle. A red arrow points from this rectangle to a pop-up window titled 'Welcome to Journal Citation Reports'. This pop-up window contains a search bar labeled 'Enter a journal name' and three main options: 'Browse by Journal', 'Browse by Category' (which is highlighted with a red rounded rectangle), and 'Custom Reports'. The background interface includes a top navigation bar with links like 'Web of Science', 'InCites', 'Journal Citation Reports', 'Essential Science Indicators', 'EndNote', 'Publons', and 'Kopernio'. Below this, the 'Web of Science' logo and 'Clarivate Analytics' are visible. The main content area features a 'Select a database' dropdown set to 'Web of Science Core Collection', search tabs for 'Basic Search', 'Cited Reference Search', 'Advanced Search', 'Author Search', and 'Structure Search', a search input field with the example 'oil spill\* mediterranean', a 'Topic' field, a 'Timespan' dropdown set to 'All years (1945 - 2019)', and a 'More settings' link.

Web of Science InCites **Journal Citation Reports** Essential Science Indicators EndNote Publons Kopernio Alena Help English

Web of Science Clarivate Analytics

Tools Searches and alerts Search History Marked List 2

Select a database Web of Science Core Collection

Basic Search Cited Reference Search Advanced Search Author Search Structure Search

Example: oil spill\* mediterranean Topic

Timespan All years (1945 - 2019) More settings

Welcome to Journal Citation Reports

Search a journal title or select an option to get started

Enter a journal name

Browse by Journal Browse by Category Custom Reports

# Identify Journals in Your Field - WoS

| Journals By Rank                                    |                                      | Categories By Rank |           |             |                      |                         |
|---|--------------------------------------|--------------------|-----------|-------------|----------------------|-------------------------|
| All Journal Categories ranked by Number of Journals |                                      |                    |           |             |                      |                         |
| Customize Indicators                                |                                      |                    |           |             |                      |                         |
|   | Category ▲                           | Edition            | #Journals | Total Cites | Median Impact Factor | Aggregate Impact Factor |
| 54  | ECONOMICS                            | SSCI               | 353       | 905,730     | 1.112                | 1.766                   |
| 55  | EDUCATION & EDUCATIONAL RESEARCH     | SSCI               | 239       | 346,922     | 1.333                | 1.542                   |
| 56  | EDUCATION, SCIENTIFIC DISCIPLINES    | SCIE               | 41        | 102,773     | 1.511                | 1.800                   |
| 57  | EDUCATION, SPECIAL                   | SSCI               | 40        | 45,197      | 1.183                | 1.474                   |
| 58  | ELECTROCHEMISTRY                     | SCIE               | 28        | 611,640     | 2.492                | 4.427                   |
| 59  | EMERGENCY MEDICINE                   | SCIE               | 26        | 87,289      | 1.391                | 1.971                   |
| 60  | ENDOCRINOLOGY & METABOLISM           | SCIE               | 142       | 994,345     | 3.044                | 4.179                   |
| 61  | ENERGY & FUELS                       | SCIE               | 97        | 1,278,572   | 2.658                | 5.412                   |
| 62  | ENGINEERING, AEROSPACE               | SCIE               | 31        | 81,508      | 1.182                | 1.534                   |
| 63  | ENGINEERING, BIOMEDICAL              | SCIE               | 78        | 464,930     | 1.990                | 3.158                   |
| 64  | ENGINEERING, CHEMICAL                | SCIE               | 137       | 1,204,539   | 1.744                | 3.681                   |
| 65  | ENGINEERING, CIVIL                   | SCIE               | 128       | 469,398     | 1.448                | 2.301                   |
| 66  | ENGINEERING, ELECTRICAL & ELECTRONIC | SCIE               | 260       | 1,636,339   | 1.820                | 2.723                   |

Field analysis

List of journals

Journals in ENGINEERING, AEROSPACE

Go to Journal Profile

Master Search

Compare Journals

View Title Changes

Select Journals

Select Categories

Select JCR Year

2017

Select Edition

☒ SCIE

☐ SSCI

Open Access

☐ Open Access

Category Schema

Web of Science

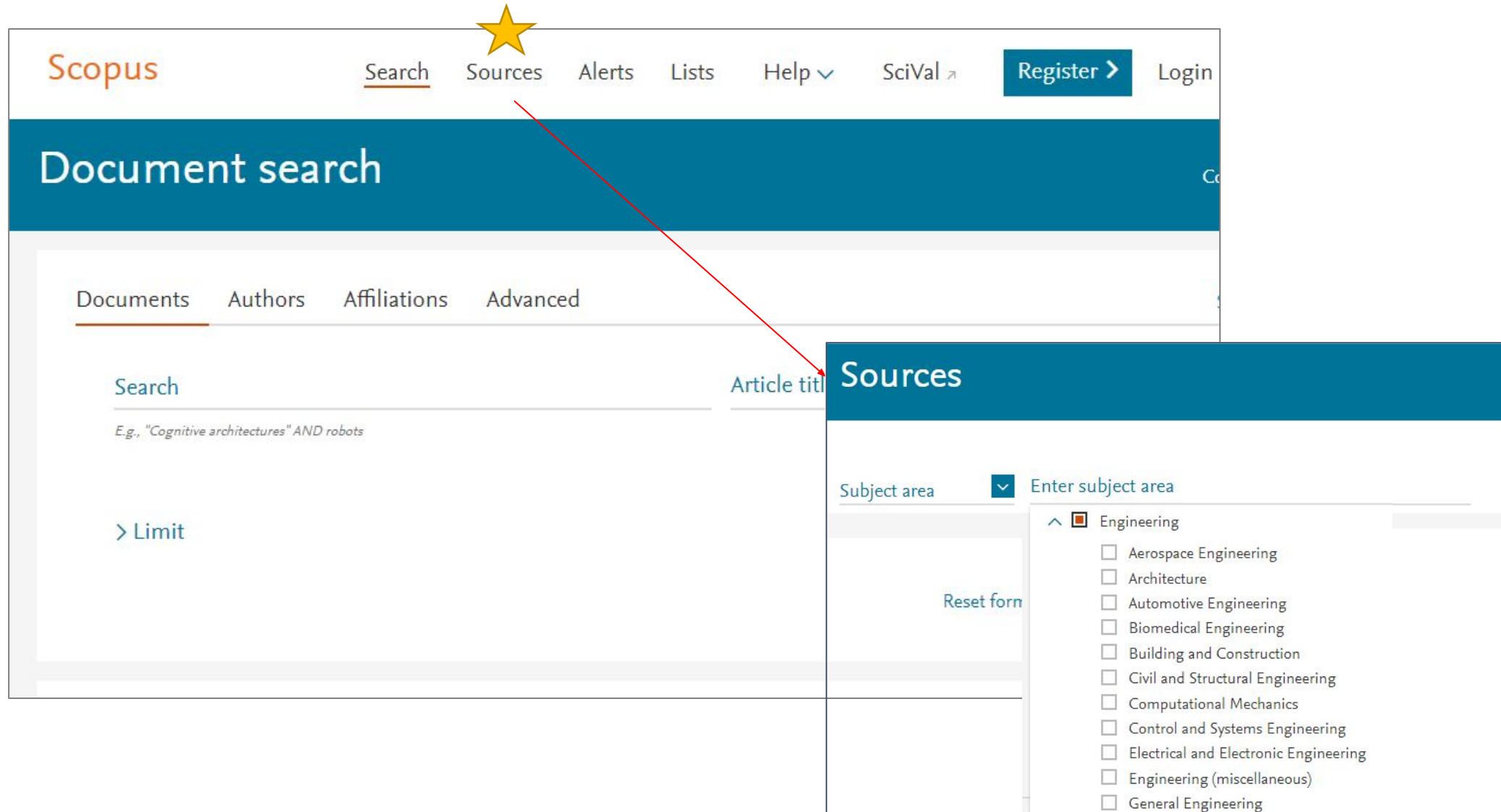
Journals By Rank

Categories By Rank

Journal Titles Ranked by Impact Factor

| Compare Selected Journals |   | Add Journals to New or Existing List                       |             | Customize Indicators    |                   |
|---------------------------|---|--|-------------|-------------------------|-------------------|
| Select All                |   | Full Journal Title   | Total Cites | Journal Impact Factor ▼ | Eigenfactor Score |
| <input type="checkbox"/>  | 1 | PROGRESS IN AEROSPACE SCIENCES                             | 3,156       | 4.729                   | 0.00400           |
| <input type="checkbox"/>  | 2 | Journal of Astronomical Telescopes Instruments and Systems | 307         | 2.688                   | 0.00100           |
| <input type="checkbox"/>  | 3 | AEROSPACE SCIENCE AND TECHNOLOGY                           | 4,439       | 2.228                   | 0.01000           |
| <input type="checkbox"/>  | 4 | ACTA ASTRONAUTICA  | 6,761       | 2.227                   | 0.01100           |
| <input type="checkbox"/>  | 5 | IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS      | 10,904      | 2.063                   | 0.01100           |
| <input type="checkbox"/>  | 6 | JOURNAL OF GUIDANCE CONTROL AND DYNAMICS                   | 9,618       | 2.024                   | 0.00900           |
| <input type="checkbox"/>  | 7 | Chinese Journal of Aeronautics                             | 2,138       | 1.614                   | 0.00400           |
| <input type="checkbox"/>  | 8 | AIAA JOURNAL   | 18,651      | 1.556                   | 0.01400           |

# Identify Journals in Your Field - Scopus



The image shows the Scopus website interface. At the top, the 'Scopus' logo is on the left, and navigation links for 'Search', 'Sources', 'Alerts', 'Lists', 'Help', 'SciVal', 'Register', and 'Login' are on the right. A yellow star is placed above the 'Sources' link, with a red arrow pointing from it to the 'Sources' dropdown menu. The main header area is a dark blue bar with the text 'Document search'. Below this, there are tabs for 'Documents', 'Authors', 'Affiliations', and 'Advanced'. The 'Documents' tab is selected. The search area includes a 'Search' input field with a placeholder text 'E.g., "Cognitive architectures" AND robots', an 'Article title' input field, and a '> Limit' link. A 'Reset form' link is also visible. The 'Sources' dropdown menu is open, showing a 'Subject area' section with a 'v' icon and the text 'Enter subject area'. Below this, a list of subject areas is displayed, each with a checkbox and a plus icon. The 'Engineering' subject area is selected, and its sub-categories are listed below it.

Scopus

Search Sources Alerts Lists Help ▾ SciVal ↗ Register > Login

Document search

Documents Authors Affiliations Advanced

Search

E.g., "Cognitive architectures" AND robots

> Limit

Reset form

Article title

Sources

Subject area ▾ Enter subject area

^ ☒ Engineering

- ☐ Aerospace Engineering
- ☐ Architecture
- ☐ Automotive Engineering
- ☐ Biomedical Engineering
- ☐ Building and Construction
- ☐ Civil and Structural Engineering
- ☐ Computational Mechanics
- ☐ Control and Systems Engineering
- ☐ Electrical and Electronic Engineering
- ☐ Engineering (miscellaneous)
- ☐ General Engineering

# Identify Journals in Your Field - Scopus

Subject area

▼

Enter subject area

Subject: Engineering x

Filter refine list

Apply Clear filters

Display options

☐ Display only Open Access journals

☐ Display only source with

minimum 0 Documents

(previous 3 years)

Citescore highest quartile

☐ Show only titles in top 10 percent

☐ 1st quartile

☐ 2nd quartile

☐ 3rd quartile

☐ 4th quartile

Source type

☐ Journals

☐ Book Series

5,463 results

Download Scopus Source List

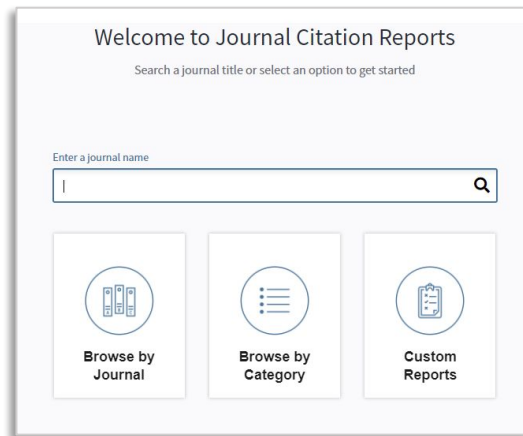
View metrics for year: 2017

| Source title   | CiteScore | Highest percentile | Citations 2017 | Documents 2014-16 | % Cited | SNIP |
|--|-----------|--------------------|----------------|-------------------|---------|------|
| 10th International Symposium on Integrated Circuits, Devices and Systems, ISIC-2004: Integrated Systems on Silicon - Proceedings | N/A       | N/A                | N/A            | N/A               | N/A     | N/A  |
| 13th IEEE Workshop on Local and Metropolitan Area Networks (LANMAN 2004)   | N/A       | N/A                | N/A            | N/A               | N/A     | N/A  |
| 14th International Conference and Exhibition on Liquefied Natural Gas  | N/A       | N/A                | N/A            | N/A               | N/A     | N/A  |
| 15th International Conference on Microwaves, Radar and Wireless Communications, MIKON - 2004                                     | N/A       | N/A                | N/A            | N/A               | N/A     | N/A  |
| 2000 IEEE Wireless Communications and Networking Conference  | N/A       | N/A                | N/A            | N/A               | N/A     | N/A  |

# Checking Impact Factor / CiteScore

CASE STUDY #2: I need to check the quality and reliability of **Journal of Modern Power Systems and Clean Energy**

- **Journal Citation Report**  
for WoS Impact Factor



Welcome to Journal Citation Reports

Search a journal title or select an option to get started

Enter a journal name

Search

Browse by Journal

Browse by Category

Custom Reports

- **Source** for Scopus  
CiteScore



Scopus

Sources

Title

Enter title

# Checking Impact Factor / CiteScore

Journal of Modern Power Systems and Clean Energy

Web of Science

Enter a journal name

Journal of Modern Power Systems and Clean Energy



**Journal of Modern Power Systems and Clean Energy**

ISSN: 2196-5625  
eISSN: 2196-5420  
STATE GRID ELECTRIC POWER RESEARCH INST  
NO.19 CHENGXIN AVE, JIANGNING DISTRICT, NANJING 211106, PEOPLES R CHINA  
CHINA MAINLAND

Go to Journal Table of Contents | Printable Version

**Journal Impact Factor Trend 2017** | Printable Version

**2.122**  
2017 Journal Impact Factor

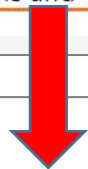
**Citation distribution 2017** | Printable Version

1 Article citation median | 4 Review citation median

Scopus

Title

Journal of Modern Power Systems and Clean Energy



**Journal of Modern Power Systems and Clean Energy**

Open Access ⓘ

Scopus coverage years: from 2013 to 2018

Publisher: Springer Nature

ISSN: 2196-5625 E-ISSN: 2196-5420

Subject area: Energy: Energy Engineering and Power Technology | Energy: Renewable Energy, Sustainability and the Environment

View all documents > | Set document alert

CiteScore | CiteScore rank & trend | Scopus content coverage

CiteScore 2017

Calculated using data from 30 April, 2018

**3.81** =  $\frac{\text{Citation Count 2017}}{\text{Documents 2014 - 2016}^*}$  =  $\frac{682 \text{ Citations} >}{179 \text{ Documents} >}$

\*CiteScore includes all available document types

View CiteScore methodology > | CiteScore FAQ >

Enter a journal name

INTERNATIONAL JOURNAL OF ENERGY

INTERNATIONAL JOURNAL OF ENERGY RESEARCH

## INTERNATIONAL JOURNAL OF ENERGY RESEARCH

ISSN: 0363-907X  
eISSN: 1099-114X  
WILEY  
111 RIVER ST, HOBOKEN 07030-5774, NJ  
ENGLAND

[Go to Journal Table of Contents](#) [Printable Version](#)

**TITLES**  
ISO: Int. J. Energy Res.  
JCR Abbrev: INT J ENERG RES

**LANGUAGES**  
English

**CATEGORIES**  
ENERGY & FUELS - SCIE  
NUCLEAR SCIENCE & TECHNOLOGY - SCIE

**PUBLICATION FREQUENCY**  
15 issues/year

Current Year All years

The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2017 to items published in the journal in the prior two years. They detail the components of the Journal Impact Factor. Use the "All Years" tab to access key metrics and additional data for the current year and all prior years for this journal.

### Journal Impact Factor Trend 2017

**3.009**  
2017 Journal Impact Factor

[Printable Version](#)

### Citation distribution 2017

**1** **5**  
Article citation median Review citation median

[Printable Version](#)

CASE STUDY #3: I need to check the quality and reliability of **International Journal of Energy Engineering**

Enter a journal name

INTERNATIONAL JOURNAL  
OF ENERGY RESEARCH

## INTERNATIONAL JOURNAL OF ENERGY RESEARCH

ISSN: 0363-907X  
eISSN: 1099-114X  
WILEY  
111 RIVER ST, HOBOKEN 07030-5774, NJ  
ENGLAND

[Go to Journal Table of Contents](#) [Printable Version](#)

**TITLES**  
ISO: Int. J. Energy Res.  
JCR Abbrev: INT J ENERG RES

**LANGUAGES**  
English

**CATEGORIES**  
ENERGY & FUELS - SCIE

**PUBLICATION FREQUENCY**  
15 issues/year

NUCLEAR SCIENCE & TECHNOLOGY -  
SCIE

Current Year All years

The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2017 to items published in the journal in the prior two years. They detail the components of the Journal Impact Factor. Use the "All Years" tab to access key metrics and additional data for the current year and all prior years for this journal.

### Journal Impact Factor Trend 2017

[Printable Version](#) ↗

**3.009**

2017 Journal Impact Factor

### Citation distribution 2017

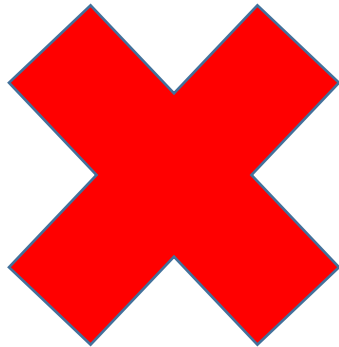
[Printable Version](#) ↗

**1**

Article citation median

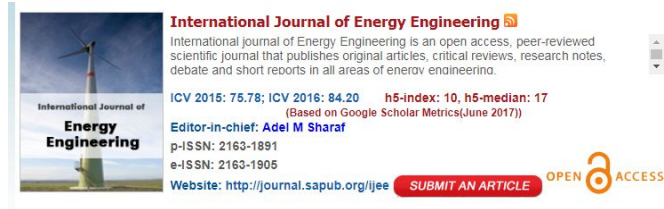
**5**

Review citation median



CASE STUDY #3: I need to check the quality and reliability of International **Journal of Energy Engineering**

# International Journal of Energy Engineering



**Link:**

<http://www.sapub.org/journal/aimsandscope.aspx?journalid=1005>

**Publisher:** Scientific & Academic Publishing (SAP)

**ISSN:** 2163-1905

**WoS JCR:** NO

**Scopus Sources:** NO

**Beall's archive:** YES

# International Journal of Energy Research



Edited By: Editor-in-Chief: Ibrahim Dincer

Impact factor: 3.009

ISI Journal Citation Reports © Ranking: 2017: 41/97 (Energy & Fuels)

ISI Journal Citation Reports © Ranking: 2017: 1/33 (Nuclear Science & Technology)

Online ISSN: 1099-114X

© John Wiley & Sons Ltd

**Link:**

<https://onlinelibrary.wiley.com/journal/1099114x>

**Publisher:** John Wiley & Sons Ltd.

**ISSN:** 1099-114X

**WoS JCR:** YES (2017-IF 3.009)

**Scopus Sources:** YES (2017-CS 2.72)

**Beall's archive:** NO

# Tracking the Specific Journal

- Be careful - one word or one letter can make a huge difference
- [Ulrichweb](#) - check journal details and ISSN
- [Beall's archive](#) of potential predatory publishers and journals
  - Beware! The list has not been updated by J. Beall since 2016

# Compare Journals in Scopus



[Search](#) [Sources](#) [Lists](#) [SciVal](#) ↗



[Create account](#)

[Sign in](#)

## Document search

[Compare sources >](#)

☒ Documents ☐ Authors ☐ Affiliations [Advanced](#)

[Search tips ?](#)

Search

*E.g., "Cognitive architectures" AND robots*

Article title, Abstract, Keywords



[> Limit](#)

[Reset form](#)

[Search Q](#)

# Select up to 10 sources to compare

Selected sources: ☒ ACM Transactions on Software Engineering and Methodology ☒ Academic Journal of Manufacturing Engineering [Remove all selections](#)

Search by title, publisher, ISSN, and/or subject area

Source title

Enter title \*

Engineering

*E.g., Cell, cancer*

limit to

All subject areas

Search

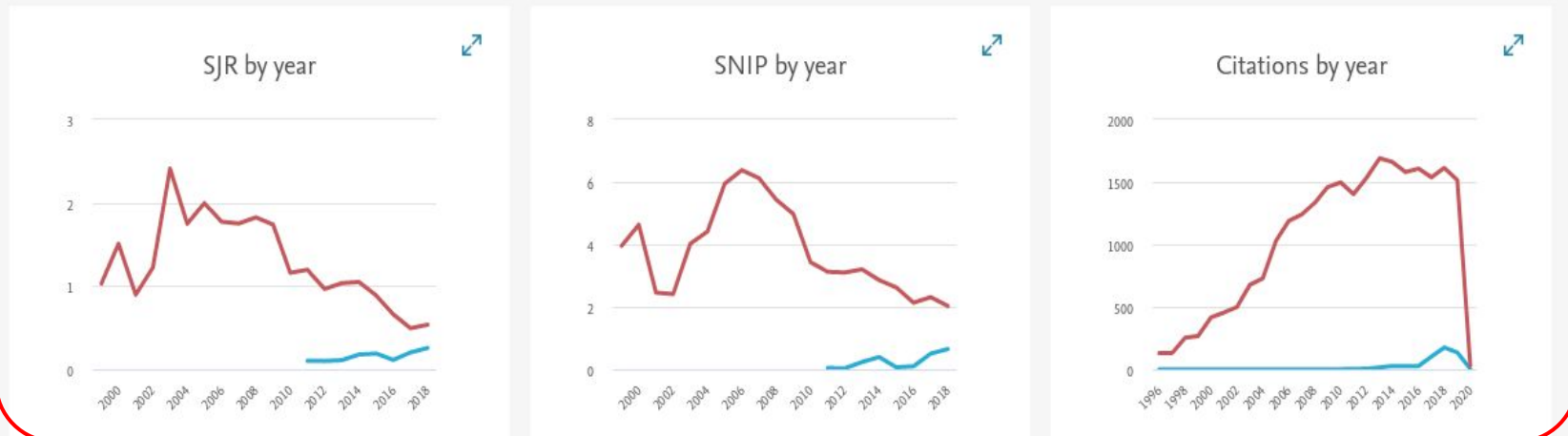
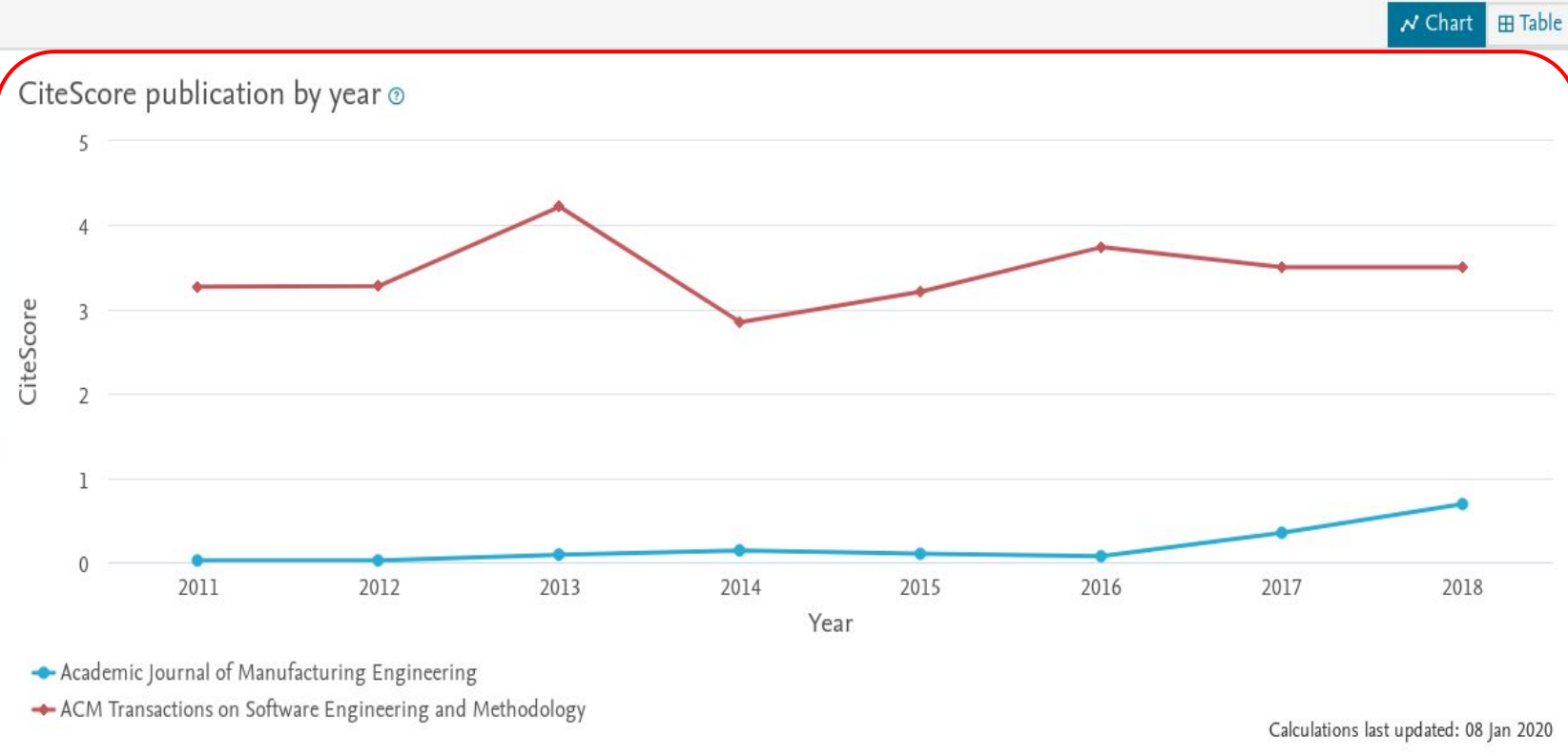
825 Search results

CiteScore

Source

CiteScore

|  |      |
|--|------|
| <input checked="" type="checkbox"/> Academic Journal of Manufacturing Engineering                                | 0.69 |
| <input checked="" type="checkbox"/> ACM Transactions on Software Engineering and Methodology                     | 3.50 |
| <input type="checkbox"/> ACS Biomaterials Science and Engineering  | 4.46 |
| <input type="checkbox"/> ACS Sustainable Chemistry and Engineering   | 7.09 |
| <input type="checkbox"/> Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials | 5.03 |
| <input type="checkbox"/> Acta of Bioengineering and Biomechanics   | 1.22 |
| <input type="checkbox"/> Advanced Biomedical Engineering   |      |

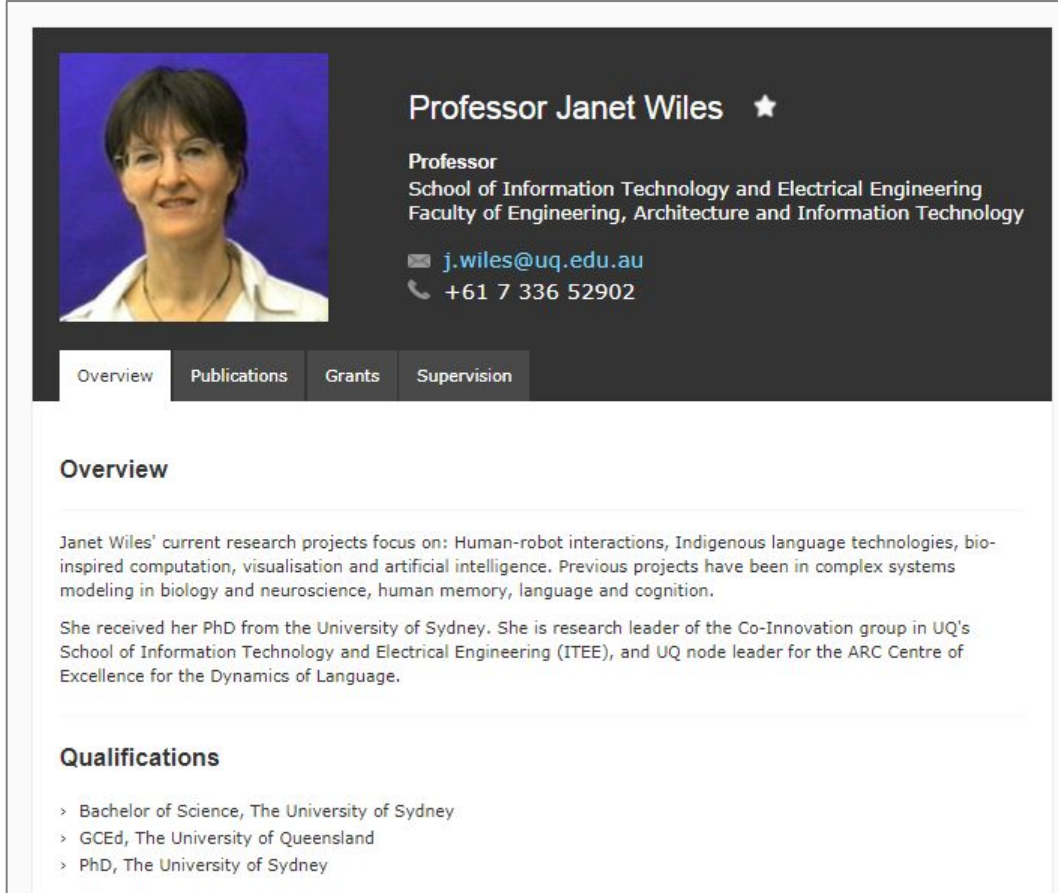


## **EXERCISE:**

Find top 10 journals in your field in either  
Web of Science or Scopus.

# Searching for Authors

# Tracking Author in WoS



The screenshot shows a researcher profile for Professor Janet Wiles. It includes a headshot, her name with a star icon, her title 'Professor', and her affiliation with the School of Information Technology and Electrical Engineering, Faculty of Engineering, Architecture and Information Technology. Contact information such as email (j.wiles@uq.edu.au) and phone (+61 7 336 52902) is provided. Below this is a navigation bar with tabs for Overview, Publications, Grants, and Supervision. The 'Overview' tab is selected, showing a paragraph about her research focus on human-robot interactions and indigenous language technologies, and another paragraph about her PhD from the University of Sydney and her role as research leader of the Co-Innovation group. A 'Qualifications' section lists her degrees: Bachelor of Science, MEd, and PhD, all from the University of Sydney.

**Professor Janet Wiles** ★

Professor  
School of Information Technology and Electrical Engineering  
Faculty of Engineering, Architecture and Information Technology

✉ j.wiles@uq.edu.au  
☎ +61 7 336 52902

Overview Publications Grants Supervision

**Overview**

Janet Wiles' current research projects focus on: Human-robot interactions, Indigenous language technologies, bio-inspired computation, visualisation and artificial intelligence. Previous projects have been in complex systems modeling in biology and neuroscience, human memory, language and cognition.

She received her PhD from the University of Sydney. She is research leader of the Co-Innovation group in UQ's School of Information Technology and Electrical Engineering (ITEE), and UQ node leader for the ARC Centre of Excellence for the Dynamics of Language.

**Qualifications**

- > Bachelor of Science, The University of Sydney
- > MEd, The University of Queensland
- > PhD, The University of Sydney

CASE STUDY #4: I want to find papers by **Prof. Janet Wiles** and be updated about her new publications.

<https://researchers.uq.edu.au/researcher/13>

# Basic Search, Author Search - WoS

Basic Search Author Search<sup>BETA</sup> Cited Reference Search Advanced Search Structure Search

Wiles J  Author

Select from Index + Add row | Reset

| Wiles, Janet  |             |  |
|---|-------------|--|
| Alternate names: Wiles, J Wiles, J.<br>University of Queensland<br>Sch ITEE<br>BRISBANE, QLD, AUSTRALIA |             |  |
| Documents   | Years       | Top Journals   |
| 90  | 1997 - 2019 | IEEE CONGRESS ON EVOLUTIONARY COMPUTATION, CEC'02: PROCEEDINGS OF THE 2002 CONGRESS ON EVOLUTIONARY COMPUTATION, VOLS 1 AND 2, LECTURE NOTES IN COMPUTER SCIENCE |

**421 records**

Including all article authored by people with name Wiles J regardless of field

**90 records**

BETA version of *Author profile* based on analysis of records (name, field, affiliation etc.)

Author Identifiers

**90 records**

Including all articles connected to prof. Wiles via her ORCID identifier

| Citation Network <span></span> |              |
|--------------------------------|--------------|
| H-index                        | <b>17</b>    |
| Sum of Times Cited             | <b>1,397</b> |
| Citing Articles                | <b>1,192</b> |

# Author Search - Scopus

Documents **Authors** Affiliations Advanced [Search tips ?](#)

Author last name  
Wiles

e.g. Smith

Author first name  
J

e.g. J.L

Affiliation  
University of Queensland

e.g. University of Toronto

☐ Show exact matches only

**Search Q**

☐ All ☒ Show documents [View citation overview](#) [Request to merge authors](#)

|                                       | Author  | Documents | <i>h</i> -index | Affiliation              |
|---------------------------------------|---|-----------|-----------------|--------------------------|
| <input checked="" type="checkbox"/> 1 | Wiles, Janet<br>Wiles, J.                                     | 117       | 22              | University of Queensland |
| <a href="#">View last title</a>       |   |           |                 |                          |
| <input type="checkbox"/> 2            | Wiles, Robert J.<br>WILES, R. J.<br>Wiles, R. J.<br>Wiles, R. | 11        | 3               | University of Queensland |

**Analyze search results**

☐ All [RIS export](#) [Download](#) [View citation overview](#) [View cited by](#) [Save to list](#) [...](#)

|   | Document title  | Authors   | Year |
|---|---|---|------|
| <input checked="" type="checkbox"/> 1   | Designing for Robust Movement in a Child-Friendly Robot                         | Taufatofua, J., Heath, S., Ramirez-Brinez, C.A., (...), Wiles, J., Pounds, P. | 2018 |
| <a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a> |   |   |      |
| <input type="checkbox"/> 2  | PiRat: An Autonomous Framework for Studying Social Behaviour in Rats and Robots | Heath, S., Ramirez-Brinez, C.A., Arnold, J., (...), Quinn, L.K., Chiba, A.A.  | 2018 |
| <a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a> |   |   |      |
| <input type="checkbox"/> 3  | PauseCode: Computational conversation timing analysis                           | Angus, D., Yu, Y., Vrbik, P., Back, A., Wiles, J.                             | 2018 |

# Author Identifiers

| Features                                    | ResearcherID<br>( <a href="#">Publons</a> )   | Scopus ID  | <a href="#">ORCID</a><br>(Open Researcher & Contributor ID)   |
|---|---|--|---|
| How to get author identifier?               | MANUALLY<br>Register on Publons and ResearcherID will be assigned automatically if you have at least one publication in Web of Science Core Collection. | AUTOMATICALLY<br>It will be generated automatically if you have at least one publication in Scopus. Merging and changing profile is possible via request in your Scopus profile. | MANUALLY<br>Create your profile at <a href="http://orcid.org">orcid.org</a> . You can join all your author IDs under ORCID. |
| How to joint your publication with your ID? | You can manually import your citations from Web of Science.   | Imported automatically from Scopus.  | You can import from several platforms (WoS, Scopus, arXiv) or add manually.   |
| Supporting platforms                        | Web of Science  | Scopus   | Open non-profit initiative  |

- Join all your papers published under different variants of your name.
- Distinguish papers written by other authors with same name.
- Create your academic profiles.

# Marcin Kadej

## ORCID iD

 <https://orcid.org/0000-0001-5983-0402>

 Print view 

## Websites

Official site  
Research Gate  
Mendeley profile  
Polish Science

## Country

Poland

## Keywords

systematic of Dermestidae -  
conservation biology - ecology -  
saproxylic insects - forensic  
entomology

## Other IDs

Scopus Author ID: 24471658800  
ResearcherID: E-5916-2018

## Email

marcin.kadej@uwr.edu.pl

## ▼ Employment (1)

↕ Sort

### University of Wrocław: Wrocław

2009-10-01 to present | assistant professor (Department of Invertebrate Biology, Evolution and Conservation )  
Employment



Source: Marcin Kadej

★ Preferred source

## ▼ Education and qualifications (4)

↕ Sort

### University of Wrocław: Wrocław

2002-10-01 to 2008-12-08 | doctor  
Education



Source: Marcin Kadej

★ Preferred source

### Agricultural Academy of Wrocław: Wrocław

2002-10 to 2005-06 | engineer  
Education



Source: Marcin Kadej

★ Preferred source

### University of Wrocław: Wrocław

2000-10-01 to 2002-06-30 | master  
Education



Source: Marcin Kadej


★ Preferred source


# Author Identifiers Search

PhD. Marcin Kadej

## Web of Science

[Basic Search](#) [Author Search<sup>BETA</sup>](#) [Cited Reference Search](#) [Advanced Search](#) [Structure Search](#)



Author Identifiers 

Search


[+ Add row](#) | [Reset](#)

## Scopus


☒ Documents ☐ Authors ☐ Affiliations [Advanced](#)


Search

0000-0001-5983-0402



ORCID






E.g., 1111-2222-3333-444x

[> Limit](#)

[Reset form](#)

Search 

# ***h-index***

*“The h-index is based on a list of publications ranked in descending order by the Times Cited. The value of h is equal to the number of papers (N) in the list that have N or more citations. (...) A researcher (or a set of papers) has an h-index of N if he/she has published N papers that have N or more citations each. The h-index is based on Times Cited data from the database. It will not include citations from non-indexed resources.”<sup>1</sup>*

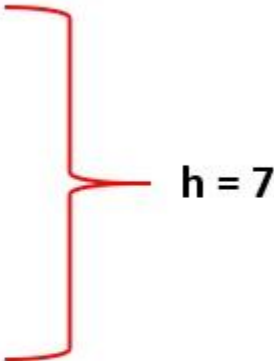
| Paper    | Number of citations |  |
|----------|---------------------|--|
| Paper 1  | 101                 |  <b>h = 7</b> |
| Paper 2  | 86                  |  |
| Paper 3  | 77                  |  |
| Paper 4  | 56                  |  |
| Paper 5  | 16                  |  |
| Paper 6  | 12                  |  |
| Paper 7  | 8                   |  |
| Paper 8  | 4                   |  |
| Paper 9  | 4                   |  |
| Paper 10 | 1                   |  |

Image source: <https://toptipbio.com/h-index-how-to-calculate-yours/>

1) Clarivate Analytics (2019, February 5), *Web of Science: h-index information*. Available at: [https://support.clarivate.com/ScientificandAcademicResearch/s/article/Web-of-Science-h-index-information?language=en\\_US](https://support.clarivate.com/ScientificandAcademicResearch/s/article/Web-of-Science-h-index-information?language=en_US)

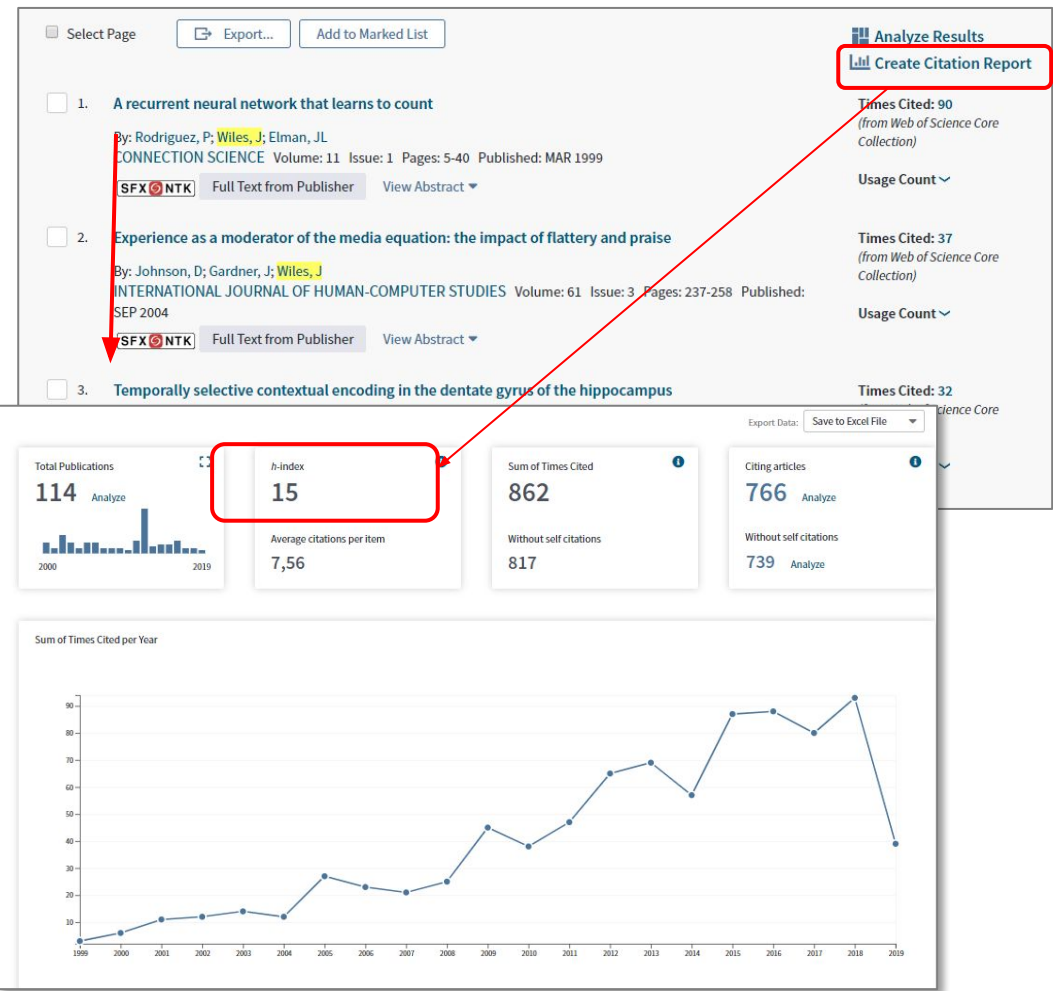
# ***h*-index: Potential Traps**

- The source or records for analysis:
  - Web of Science **X** Scopus **X** Google Scholar
- The number and accuracy of records in dataset:
  - basic search **X** ORCID search **X** author profile
- Exclude self-citation of selected author **X** exclude self-citation of all co-authors

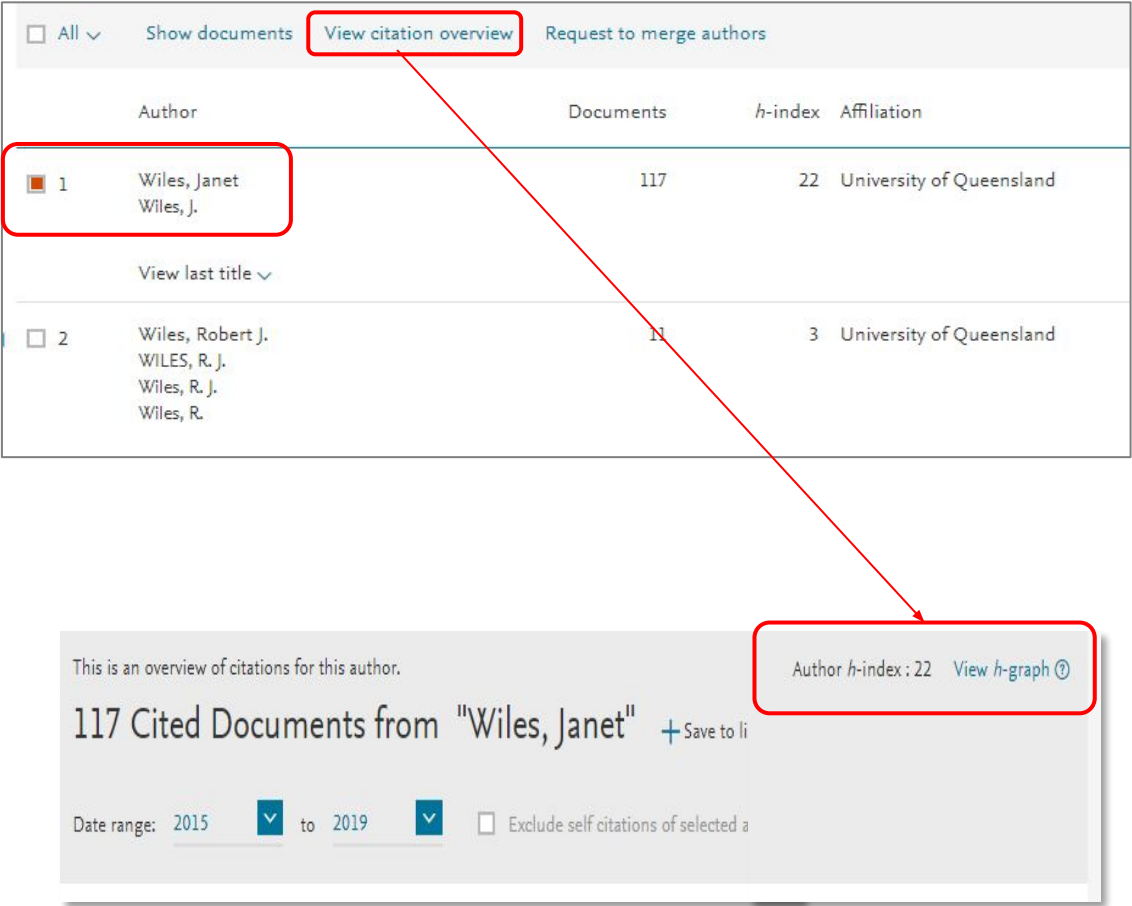
# Checking *h*-index

Prof. Janet Wiles

## Web of Science



## Scopus



# Periodic Table of Scientometric Indicators

| C<br>Total Citations    |                           | EC3<br>metrics   |   | Basic Indicators<br>Bibliometric Indicators<br>h-index based Indicators |   |   |   |  |   |                                 |                               |                            |                           |                           |                               | Webmetric Indicators (1.0)       |                      | Altmetric Indicators            |  | Lnk<br>Links                               |                                      |                             |                            |  |   |  |  |                                  |                            |                                   |                          |                               |                                 |                                  |                             |
|-------------------------|---------------------------|--|---|---|---|---|---|--|---|---------------------------------|-------------------------------|----------------------------|---------------------------|---------------------------|-------------------------------|----------------------------------|----------------------|---------------------------------|--|--|--------------------------------------|-----------------------------|----------------------------|--|---|--|--|----------------------------------|----------------------------|-----------------------------------|--------------------------|-------------------------------|---------------------------------|----------------------------------|-----------------------------|
| h<br>h-index            |                           | P<br>Number of Publications                              |   |   |   |   |   |  |   |                                 |                               |                            |                           |                           |                               |                                  |                      |                                 |  |  |                                      | Fav<br>Favorites            |                            | MR<br>Mendeley Readers                 |   | AP<br>Academia Publications                    |  | RGP<br>ResearchGate Publications |                            | WS<br>Web Size                    |                          |                               |                                 |                                  |                             |
| IF<br>Impact Factor     | AF<br>Audience Factor     | CS<br>CiteScore  | JCS<br>Journal Citation Score                       | FCS<br>Field Citation Score   | FNCI<br>Field normalized citation Indicators    | NJI<br>Normalized Journal Impact            | JCS<br>Journal Citation Score               | RgC<br>ResearchGate Citations                | MASC<br>Microsoft Academic Search Citations | GSC<br>Google Scholar Citations | GSh<br>Google Scholar h-index | Lk<br>Likes                | PM<br>Policy Mentions     | FacL<br>Facebook Likes    | APV<br>Academia Profile Views | RGV<br>ResearchGate Views        | Vw<br>Views          | SJR<br>Scimago Journal Rank     | EF<br>Eigenfactor                                      | SNIP<br>Source Normalized Impact per Paper | I3<br>I3 Integrated Impact Indicator | CI<br>Crown Indicator       | MCS<br>Mean Citation Score | MNCS<br>Mean Normalized Citation Score | MCRS<br>Mean Citation Rate Subfield               | MSNCS<br>Mean Source Normalized Citation Score | MASP<br>Microsoft Academic Search Papers | GSP<br>Google Scholar Papers     | Sub<br>Subscribers         | BM<br>Blog Mentions               | TwM<br>Twitter mentions  | FacS<br>Facebook Shares       | ADV<br>Academia Documents Views | RGD<br>ResearchGate Downloads    | Dwd<br>Downloads            |
| IPP<br>Impact per Paper | CPP<br>Citation per paper | CPPex<br>Citations per Paper self-citation not included. | ANCP<br>Average number of citations per publication | TNCS<br>Total and the Average Number of Citations                       | RAI<br>Relative Activity Index                  | RSI<br>Relative Specialization index        | RCR<br>Relative Citation Rate               | RDGP<br>Relative Database Citation Potential | JAR<br>Journal Acceptance Rate              | Com<br>Comments                 | PuPC<br>PubPeers Comments     | NM<br>News Mentions        | WC<br>Wikipedia Citations | FacC<br>Facebook Comments | Afr<br>Academia Followers     | RGI<br>ResearchGate Impact Point | Ck<br>Clicks         | %SC<br>%Self-Citations          | %Pnc<br>Percentage of papers not cited                 | PR<br>PR Percentile Ranks                  | LogZ<br>LogZ-score                   | IK<br>Innovative Knowledge  | TI<br>Technological Impact | STP<br>Scientific Talent Pool          | NPJ<br>Normalized position of publication journal | WCH<br>WorldCat Hold                           | Rev<br>Reviews                           | F1Re<br>F1000 Reviews            | GoRev<br>Goodreads Reviews | MoH<br>Monographic Holding        | ARev<br>Amazon Reviews   | Play<br>Number of play Videos | Afg<br>Academia Following       | RGfr<br>ResearchGate Followers   | FTV<br>Full Text Views      |
| PT1<br>Papers in Top 1  | PT10<br>Papers in Top 10  | PT50<br>Papers in Top 50                                 | HCP<br>High Cited Papers                            | Q1<br>Papers in First Quartl  | PWoS<br>Publications in Thomson Reuters indices | NHCP<br>Number of highly cited publications | PTRJ<br>Publications in top-ranked journals | Exp<br>Exports                               | Q&A<br>Q&A Stack Exchange                   | F1R<br>F1000 Ratings            | GoRat<br>Goodreads Rating     | MoR<br>Monographic Ranking | ARat<br>Amazon Ratings    | PS<br>Publons Score       | OS<br>Open Syllabus           | RGfg<br>ResearchGate Following   | AV<br>Abstract Views | PCol<br>Papers in Collaboration | %CoA<br>Share of articles coauthored with another unit | NCoI<br>National Collaboration             | ICoI<br>International Collaboration  | SL<br>Scientific Leadership | ËN<br>Erdős Number         | Exc<br>Excellence                      | Sav<br>Saves                                      | ReR<br>Reddit Recommendations                  | F1FFa<br>F1000 Ffa                       | GoRea<br>Goodreads Readers       | MoS<br>Monographic Sales   | RcCU<br>Recommendations CiteULike | RCU<br>Readers CiteULike | BoD<br>Bookmarks Delicious    | AA<br>Altmetrics Aplication     | AAS<br>Altmetric Attention Score | DIL<br>Domain Inbound Links |

| i10       | g                                | a                       | h(2)                                    | hg        | q2       | r               | ar        | k       | f             | m         | m-q                      | Ch                           | Th                              | Dh-T                 | n                     | Mh           |
|-----------|----------------------------------|-------------------------|---|-----------|----------|-----------------|-----------|---------|---------------|-----------|--------------------------|------------------------------|---------------------------------|----------------------|-----------------------|--------------|
| i10-index | g-index                          | a-index                 | h(2)-index                              | hg-index  | q2-index | r-index         | ar-index  | k-index | f-index       | m-index   | m quotient               | Contemporary h-index         | Trend h-index                   | Dynamic h-Type index | n-index               | mean h-index |
| h5        | Nh                               | SlS                     | Sih-T                                   | Hw        | Hm       | Th              | I10       | v       | e             | hla       | Mh                       | RC                           | CC                              | Ch                   | CSs                   | π            |
| h5-index  | Normalized h-index               | Specific-impact s-index | Seniority-independent Hirsch-type index | Hw-index  | Hm-index | Tapered h-index | I10-index | v-index | e-index       | hl annual | Multidimensional h-index | Research Collaboration Index | Communities Collaboration Index | ch-index             | speed s-Citationindex | n-index      |
| h5-m      | 2gh                              | Rbhm                    | h2-l                                    | h2-c      | h2-u     | h3              | p         | Hbar    | Mhm           | w         | b                        | Gh                           | SPh                             | hint                 | Hrat                  | πv           |
| h5-median | 2nd generation citations h-index | Role based h-maj-index  | h2-lower                                | h2-center | h2-upper | h3-index        | p-index   | H-index | Mock hm-index | w-index   | b-index                  | Generalized h-index          | Single paper h-index            | hint-index           | hrat-index            | tv-index     |

## **EXERCISE:**

Find yourselves or your mentor using either  
Web of Science or Scopus.

# Advanced Search

# CASE STUDY #5: Who is publishing about robotics in Czech republic?

## Web of Science



Tools ▾ Searches and alerts ▾ Search History Marked List

Select a database Web of Science Core Collection ▾

Learn about alerting enhancements!

Basic Search Author Search <sup>BETA</sup> Cited Reference Search **Advanced Search** Structure Search

Use field tags, Boolean operators, parentheses, and query sets to create your query. Results will appear in the Search History table at the bottom of the page. [\(Learn more about Advanced Search\)](#)

Example: TS=(nanotub\* AND carbon) NOT AU=Smalley RE

#1 NOT #2 more examples | view the tutorial

WC="ROBOTICS" AND CU="CZECH REPUBLIC" AND PY=(2017 OR 2018)

Search

Restrict results by languages and document types:

All languages

English

Afrikaans

Arabic

All document types

Article

Abstract of Published Item

Art Exhibit Review

Booleans: AND, OR, NOT, SAME, NEAR

Field Tags:

TS= Topic

TI= Title

AU= Author [\[Index\]](#)

AI= Author Identifiers

GP= Group Author [\[Index\]](#)

ED= Editor

SO= Publication Name [\[Index\]](#)

DO= DOI

PY= Year Published

CF= Conference

AD= Address

OG= Organization-Enhanced [\[Index\]](#)

OO= Organization

SG= Suborganization

SA= Street Address

CI= City

PS= Province/State

CU= Country/Region

ZP= Zip/Postal Code

FO= Funding Agency

FG= Grant Number

FT= Funding Text

SU= Research Area

WC= Web of Science Category

IS= ISSN/ISBN

UT= Accession Number

PMID= PubMed ID

ALL= All Fields

Results: 106  
(from Web of Science Core Collection)

You searched for: WC="ROBOTICS" AND CU="CZECH REPUBLIC" AND PY=(2017 OR 2018) [More](#)

Create an alert

Refine Results

Search within results for:

Filter results by:

Open Access (18) [Refine](#)

Publication Years

☐ 2018 (32)  
☐ 2017 (54)  
[more options / values...](#) [Refine](#)

Web of Science Categories

- ☐ ROBOTICS (206)
- ☐ COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (48)
- ☐ AUTOMATION CONTROL SYSTEMS (38)
- ☐ ENGINEERING ELECTRICAL ELECTRONIC (29)

Sort by: **Date** ▾ Times Cited Usage Count Relevance More ▾

☐ Select Page [Export...](#) [Add to Marked List](#)

☐ 1. DAC-h3: A Proactive Robot Cognitive Architecture to Acquire and Express Knowledge About the World and the Self  
By: Moulin-Frier, Clement; Fischer, Tobias; Petit, Maxime; et al.  
IEEE TRANSACTIONS ON COGNITIVE AND DEVELOPMENTAL SYSTEMS Volume 10 Issue 4 Pages 1005-1022  
Published: **DEC 2018**  
[\[SFX\] \[N\] \[N\]](#) Full Text from Publisher [Free Accepted Article From Repository](#) [View Abstract ▾](#)

☐ 2. Perpetual Robot Swarm: Long-Term Autonomy of Mobile Robots Using On-the-fly Inductive Charging  
By: Arvin, Farhad; Watson, Simon; Turgut, Ali Enay; et al.  
JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS Volume 92 Issue 3-4 Pages 395-412 Published: **DEC 2018**  
[\[SFX\] \[N\] \[N\]](#) Full Text from Publisher [View Abstract ▾](#)

☐ 3. Effect of shear stress on the reduction of bacterial adhesion to antifouling polymers  
By: Lopez-Hil, Belen; Aves, Patricia; Bredel, Tomas; et al.  
BIOMIMETICS Volume 13 Issue 6 Article Number: 065001 Published: **NOV 2018**  
[\[SFX\] \[N\] \[N\]](#) Full Text from Publisher [View Abstract ▾](#)

☐ 4. Empowering lower limbs exoskeletons: state-of-the-art  
By: Wiedrowski, Slawek; Kucharski, Patryk; de Bont, Gerard; et al.  
ROBOTICA Volume 36 Issue 11 Pages 1743-1756 Published: **NOV 2018**  
[\[SFX\] \[N\] \[N\]](#) Full Text from Publisher [View Abstract ▾](#)

☐ 5. Data-Driven Policy Transfer With Imprecise Perception Simulation  
By: Pedra, Martin; Zimmermann, Karol; Petrlik, Matej; et al.  
IEEE ROBOTICS AND AUTOMATION LETTERS Volume 3 Issue 4 Pages 3916-3921 Published: **OCT 2018**  
[\[SFX\] \[N\] \[N\]](#) Full Text from Publisher [View Abstract ▾](#)

[Analyze Results](#)  
[Create Citation Report](#)

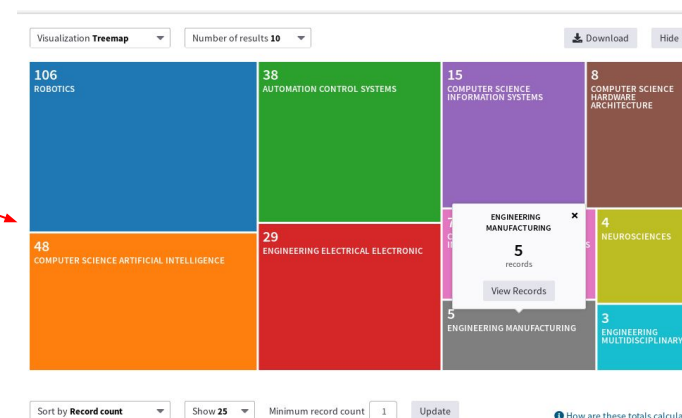
Times Cited: 9  
(from Web of Science Core Collection)  
Usage Count ▾

Times Cited: 2  
(from Web of Science Core Collection)  
Usage Count ▾

Times Cited: 1  
(from Web of Science Core Collection)  
Usage Count ▾

Times Cited: 0  
(from Web of Science Core Collection)  
Usage Count ▾

Times Cited: 0  
(from Web of Science Core Collection)  
Usage Count ▾





## Advanced search

Compare sources

☐ Documents ☐ Authors ☐ Affiliations ☒ **Advanced**

Search tips

Enter query string

TITLE-ABS-KEY(robot\*) AND SUBJAREA(ENGI) AND AFFILCOUNTRY("czech republic") AND PUBYEAR = 2017 OR PUBYEAR = 2018

Outline query

Add Author name / Affiliation

Clear form

Search

ALL("Cognitive architectures") AND AUTHOR-NAME(smith)  
TITLE-ABS-KEY(\*somatic complaint wom?n) AND PUBYEAR AFT 1993  
SRCTITLE(\*field ornith\*) AND VOLUME(75) AND ISSUE(1) AND PAGES(53-66)

## 201 document results

TITLE-ABS-KEY (robot\*) AND SUBJAREA (engi) AND AFFILCOUNTRY ("czech republic") AND PUBYEAR = 2017 OR PUBYEAR = 2018

[Edit](#) [Save](#) [Set alert](#) [Set feed](#)

Search within results...

Refine results

[Limit to](#) [Exclude](#)

Access type

☐ Open Access (40)  
☐ Other (161)

Year

☐ 2018 (95)  
☐ 2017 (106)

Author name

☐ Faigl, J. (10)  
☐ Kutilek, P. (6)  
☐ Kot, T. (5)

Documents Secondary documents Patents

Analyze search results

Show all abstracts Sort on: Date (newest)

☐ All ☐ CSV export ☐ Download ☐ View citation overview ☐ View cited by ☐ Save to list

|   | Document title  | Authors   | Year | Source   | Cited by |
|---|---|---|------|--|----------|
| 1 | Navigation without localisation: Reliable teach and repeat based on the convergence theorem   | Krajník, T., Majer, F., Halodova, L., Vintř, T. | 2018 | IEEE International Conference on Intelligent Robots and Systems 8593803, pp. 1657-1664 | 4        |
|   | <a href="#">View abstract</a> <a href="#">SFX</a> <a href="#">NTK</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a> |   |      |  |          |
| 2 | Online Foot-Strike Detection Using Inertial Measurements for Multi-Legged Walking Robots  | Cizek, P., Kubik, J., Faigl, J.                 | 2018 | IEEE International Conference on Intelligent Robots and Systems 8594010, pp. 7622-7627 | 0        |
|   | <a href="#">View abstract</a> <a href="#">SFX</a> <a href="#">NTK</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a> |   |      |  |          |
| 3 | Any-Time Trajectory Planning for Safe Emergency Landing   | Váňa, P., Sláma, J., Faigl, J., Pačes, P.       | 2018 | IEEE International Conference on Intelligent Robots and Systems 8594225, pp. 5691-5696 | 1        |
|   | <a href="#">View abstract</a> <a href="#">SFX</a> <a href="#">NTK</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a> |   |      |  |          |

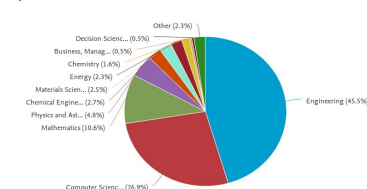
< Back to results  
TITLE-ABS-KEY (robot\*) AND SUBJAREA (engi) AND AFFILCOUNTRY ("czech republic") AND PUBYEAR = 2017 OR PUBYEAR = 2018[Export](#) [Print](#) [Email](#)

## 201 document results

| Subject area                        | Documents |
|-------------------------------------|-----------|
| Engineering                         | 201       |
| Computer Science                    | 119       |
| Mathematics                         | 47        |
| Physics and Astronomy               | 21        |
| Chemical Engineering                | 12        |
| Materials Science                   | 11        |
| Energy                              | 10        |
| Chemistry                           | 7         |
| Business, Management and Accounting | 2         |
| Decision Sciences                   | 2         |

Click on cards below to see additional data.

## Documents by subject area



# Affiliation Search

# Web of Science

**Booleans: AND, OR, NOT, SAME, NEAR**

**Field Tags:**

TS= Topic

TI= Title

AU= Author [\[Index\]](#)

AI= Author Identifiers

GP= Group Author [\[Index\]](#)

ED= Editor

SO= Publication Name [\[Index\]](#)

DO= DOI

PY= Year Published

CF= Conference

AD= Address

OG= Organization-Enhanced [\[Index\]](#)

OO= Organization

SG= Suborganization

SA= Street Address

CI= City

PS= Province/State

CU= Country/Region

ZP= Zip/Postal Code

FO= Funding Agency

FG= Grant Number

FT= Funding Text

SU= [Research Area](#)

WC= [Web of Science Category](#)

IS= ISSN/ISBN

UT= Accession Number

PMID= PubMed ID

ALL= All Fields

## Organizations - Enhanced List

*\*\* Use this list to find the preferred name for an organization and the variants we have identified and associated with it. Note: Not all organizations have been included in this list. \*\**

Use the Browse and Find features to locate organizations to add to your query.

Click on a letter or number to browse organizations alphabetically by title

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z    0 1 2 3 4 5 6 7 8 9

Enter text to find organizations containing or related to the text.

czech technical university

Find

Results Page 1 ( Organizations 1 - 3 of 3 )

◀ ◀ ◀ [ 1 ] ▶ ▶ ▶

Add  
to  
Query

View  
Details

Organizations

Add

D

Czech Technical University Prague

Add

D

Technical University Liberec

Add

D

Technical University of Ostrava

Results Page 1 ( Organizations 1 - 3 of 3 )

◀ ◀ ◀ [ 1 ] ▶ ▶ ▶

[Back to top](#)

## Organizations - Enhanced List

**\*\* Use this list to find the preferred name for an organization and the variants we have identified and associated with it. Note: Not all organizations have been included in this list. \*\***

Use the Browse and Find features to locate organizations to add to your query.

Click on a letter or number to browse organizations alphabetically by title

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z    0 1 2 3 4 5 6 7 8 9

Enter text to find organizations containing or related to the text.

czech technical university

Find

### DETAILS

KEY: Add = add to query

Organization Name:

Add

CZECH TECHNICAL UNIVERSITY PRAGUE

Other Names:

CZECH TECH UNIV PRAGUE

Address:

ZIKOVA 1903/4, 166 36 PRAHA 6, CZECHIA ,PRAGUE, CZECH REPUBLIC

Website:

https://www.cvut.cz/

Name Variants:

Add

CESKE VYSOKE UCENI TECH PRAZE

Add

CESNET CZECH TECH UNIV

Add

CIIRC

Add

CR FBMI CTU

Add

CTU

Add

CTU CZECH TECH UNIV PRAGUE

Add

CTU FAC ELECT ENGN

Add

CTU FAC TRANSPORTAT SCI

Transfer your selected organization(s) below to the Organizations - Enhanced field on the search page.

OK

Cancel

Czech Technical University Prague

# Web of Science

Tools ▾ Searches and alerts ▾ Search History Marked List

Select a database

Web of Science Core Collection ▾

p

Claim your publications  
Track your citations

Basic Search

Cited Reference Search

Advanced Search

Author Search

Structure Search

Use field tags, Boolean operators, parentheses, and query sets to create your query. Results will appear in the Search History table at the bottom of the page. ([Learn more about Advanced Search](#))

Example: TS=(nanotub\* AND carbon) NOT AU=Smalley RE  
#1 NOT #2 [more examples](#) | [view the tutorial](#)

OG=(Czech Technical University Prague)

Search

Restrict results by languages and document types:

All languages

English  
Afrikaans  
Arabic

All document types

Article  
Abstract of Published Item  
Art Exhibit Review

Timespan

All years (1945 - 2019) ▾

[More settings](#) ▾

Booleans: AND, OR, NOT, SAME, NEAR

Field Tags:

TS= Topic

TI= Title

AU= Author [\[Index\]](#)

AI= Author Identifiers

GP= Group Author [\[Index\]](#)

ED= Editor

SO= Publication Name [\[Index\]](#)

DO= DOI

PY= Year Published

CF= Conference

AD= Address

OG= Organization-Enhanced [\[Index\]](#)

OO= Organization

SG= Suborganization

SA= Street Address

CI= City

PS= Province/State

CU= Country/Region

ZP= Zip/Postal Code

FO= Funding Agency

FG= Grant Number

FT= Funding Text

SU= [Research Area](#)WC= [Web of Science Category](#)

IS= ISSN/ISBN

UT= Accession Number

PMID= PubMed ID

ALL= All Fields

# Affiliation search

[Compare sources](#) [Documents](#)[Authors](#)[Affiliations](#)[Advanced](#)[Search tips](#) 

Affiliation name

Ceske vysoké uceni technické v Praze

X

Search Q

*e.g. University of Toronto*[Search for documents by affiliation](#) 

# 1 Affiliation results - Ceske vysoké uceni technické v Praze

About Scopus Affiliation Identifier ?

Affiliation (Ceske vysoké uceni technické v Praze)

Edit

## Refine results

Limit to Exclude

### City

☐ Prague (1) >

### Country/Territory

☐ Czech Republic (1) >

Limit to Exclude

Export refine

Sort on: Document count (high-low) ▾

☐ All ▾ Show all documents Give feedback

| Documents                  |  |             |             |        |                   |
|----------------------------|--|-------------|-------------|--------|-------------------|
|                            | Affiliation name   | Affiliation | Institution | City   | Country/Territory |
| <input type="checkbox"/> 1 | Ceské vysoké ucení technické v Praze<br>Czech Technical University In Prague<br>Czech Technical University | 29889       | 29889       | Prague | Czech Republic    |

Display: 20 ▾ results per page

1

Top of page

# Affiliation details - České vysoké učen<sup>í</sup> technické v Praze

About Scopus Affiliation Identifier ⓘ

< Return to search results 1 of 1

Export Print Email

## České vysoké učen<sup>í</sup> technické v Praze

Follow this affiliation

Jugoslavskych partyzanu 1580/3, Prague  
Czech Republic  
Affiliation ID: 60013323

View potential affiliation matches

Give feedback Set feed

Other name formats: Czech Technical University In Prague Czech Technical University Ctu In Prague Technical University Of Prague Faculty Of Electrical Engineering Ctu  
Faculty Of Nuclear Sciences And Physical Engineering Czech Technical Univ Technical University Ctu Prague

Documents, affiliation only  
29,889

Authors  
6,746

Documents by subject area Collaborating affiliations Documents by source

| Source   | Documents |
|--|-----------|
| Proceedings Of SPIE The International Society For Optical Engineering  | 906       |
| Lecture Notes In Computer Science Including Subseries Lecture Notes In Artificial Intelligence And Lecture Notes In Bioinformatics | 854       |
| Aip Conference Proceedings   | 463       |
| Czechoslovak Journal Of Physics  | 454       |
| Physics Letters Section B Nuclear Elementary Particle And High Energy Physics  | 405       |
| Physical Review Letters  | 375       |
| European Physical Journal C  | 290       |
| Key Engineering Materials  | 266       |

Patent results (estimate)  
1,587

# Account Functions

# Personal Account

Provide **free access** to functions:

- **Save** search history and lists of documents
- **Create alerts** for each search
- **Manage** author profile

# Set Search Alert - Web of Science



- You can create alerts from any search

Create alert

Alert name

Air traffic control

☒ Send me email alerts

Create alert

Cancel

# Journal Alerts - Web of Science

Web of Science HomeInCitesJournal Citation ReportsEssential Science IndicatorsEndNotePublonsKopernio

Jakub▼Help▼English▼

Web of Science

ClarivateAnalytics

Journal alerts

<< Back to previous page

Add Journals

| Journal Name    | Alert Status   |
|-----------------|--|
| Citation Alerts |  |
| Journal Alerts  |  |
| Saved Searches  |  |
| CHEMICKE LISTY  | <div><div>Inactive</div><div>Active</div></div> <div>Remove Alert ⓧ</div> <div>Email recipients: jakub.szarzec@techlib.cz  Edit</div> <div>Less info ^</div> |

# Set Search Alert - Scopus

Scopus

14,951 document results

TITLE-ABS-KEY ( "air traffic control" )

 Edit  Save  Set alert  Set feed

Search within results...

Refine results

Limit to Exclude


Access type ⓘ

☐ Open Access

(461) >

☐ Other

(14,490) >

 Analyze search results

☒ All  CSV export  Download View citation overview View cited by Save to list ...


Document title

Authors

 1

DCS-MAC: A Distributed Cross-Layer Communication Protocol for Directional Sensor Networks

Nagaraju, S., Sreej M., Kejriwal, R.

View abstract 

[View at Publisher](#)

[Related documents](#)


14,951 document results

TITLE-ABS-KEY ( "air traffic control" )

 Edit  Save  Set alert  Set feed

Search within results

Refine results

 Access type ☐ Open Access☐ Other

Year

☐ 2020☐ 2019☐ 2018☐ 2017☐ 2016☐ 2015☐ 2014☐ 2013☐ 2012☐ 2011

View less

Set alert 

## E-mail search alert

If the email address you input belongs to another individual, ensure you have their permission to sign them up for this alert. Your email address will be included on subsequent email alerts.

Search terms

TITLE-ABS-KEY ( "air traffic control" )  Edit

\* Required fields

Name of alert \*

"air traffic control"

Email address(es) \*

jakub.szarzec@techlib.cz

*E.g., j.smith@mail.com, p.smith@mail.com**Separate multiple email addresses by a semicolon, comma, space or enter.*

Frequency

Every week



on

Tuesday



Status



Active



Inactive

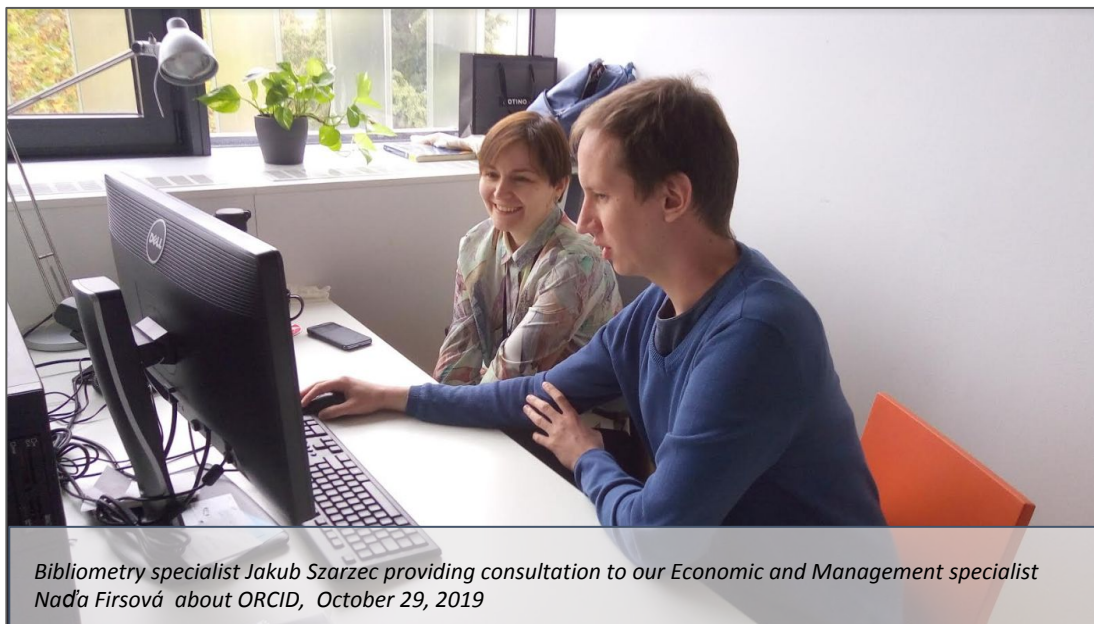
# Summary of Advantages: Citation Databases

1. **Contains high quality peer-reviewed papers**
2. You can use number of citations to identify “seminal articles”
3. Result analysis:
  - Identifying highly specific journals
  - Better understanding of research trends
4. Author searching and evaluation
5. Journal searching and metrics
6. Alerts to track new trends and relevant authors
7. Search history

# Keep in Mind

- **Access to full text** can be problematic
- To make your research more comprehensive, also **use other search tools** (e.g. GoogleScholar, library discovery tool)

# Our Team Is Ready to Help You



- Searching scholarly literature and using our databases
- Getting full text of hard-to-reach papers
- Informal peer discussion about academic careers and life as a doctoral student, with other doctoral students

## Bibliometric Services

**Bibliometrics** can assist you in evaluating published research results, assessing the impact of basic and applied research, or in making decisions about funding (scientometrics).

### What we offer

#### Consultations

- Learn to effectively search citation databases.
- Quickly find your publications and h-index variants.
- Manage your published output with author identifiers (ORCID, ResearcherID, Scopus Author ID).
- Evaluate journal impact factor or other citation metrics.

The service is **free**.

#### Publication Overview with Citation Counts

We can prepare a customized citation report for you based on information you provide to us such as an author's name or particular research field. For these reports, we primarily use **citation databases and resources** such as Scopus, Web of Science, Journal Citation Reports, Google Scholar.

### How order our services?

Arrange a meeting in person, by phone (232 002 431) or email.

### Your contact



**Jakub Szarzec**

✉ [jakub.szarzec](mailto:jakub.szarzec@techlib.cz)  
☎ 232 002 431

### Subjects

Bibliometric Services

### See also

- Consultations
- Our Specialists
- Tutorials
- Subject Guides

## Scheduled Consultations

If you wish to meet and discuss your research topic in detail, please fill out the form and we will confirm our appointment within one business day.

We suggest to bring a tablet or laptop to your confirmed appointment.

### I would like to discuss...

Question ▾

Preferred time and date ▾

First and last name ▾

Email ▾

Phone ▾

<https://www.techlib.cz/en/83401-scheduled-consultations>

<https://www.techlib.cz/en/83534-bibliometric-services>

# Contacts

**Alena Chodounská**

[alena.chodounska@techlib.cz](mailto:alena.chodounska@techlib.cz)

tel. + 420 773 850 851

**Jakub Szarzec**

[jakub.szarzec@techlib.cz](mailto:jakub.szarzec@techlib.cz)

tel. + 420 232 002 431

# Thank you

Questions?