

NTK

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

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National Centre
for Information Support of Research,
Development, and Innovation

Searching and Evaluating in Web of Science & Scopus

Nadezda Firsova

18 March 2026



Learning Objectives

Learn how to use Web of Science/Scopus effectively

- to search for and evaluate scholarly sources,
- to understand the citation metrics,
- to manage your own researcher profile and check out other researchers.

Nadezda Firsova

- Ing. Economics and Management, CZU Prague
- PhD Economics and Management, CZU Prague
- NTK Information Specialist
- Library Guides:
 - Author Identifiers and Profiles
 - Economics and Management

Bibliographic & Citation Databases

- ❑ **Bibliographic databases** as secondary sources are indexing, analyzing, and summarizing primary sources and allow the target searching for the most relevant literature.
- ❑ **Citation databases** use the **citation analysis** as one of the ways of measuring the impact of a researchers in their field.

Bibliographic record includes metadata such as the title, author(s), keywords, abstract, journal title, year of publication... + a link to the full text: **BUT not the full text in the record!**

Citation databases include a list of references for the bibliographic record and count the number of citations received by the article, journal, author.

How Can Citation Databases Help You?

Citation Databases

Finding

- Searching for literature
- Identifying research gaps and state-of-the art
- Collecting data for Systematic Literature Review
- Finding journals and/or researchers in the field

Evaluating

- Evaluating research quality and impact: bibliometrics vs. altmetrics
- Evaluating and comparing researchers
- Identifying journals for publication
- Collecting data for a formal evaluation

Connecting

- Understanding scholarly connections & networks
- Managing researcher identity and maintaining researcher profiles
- Integrating with research workflow

How to Choose Your Database

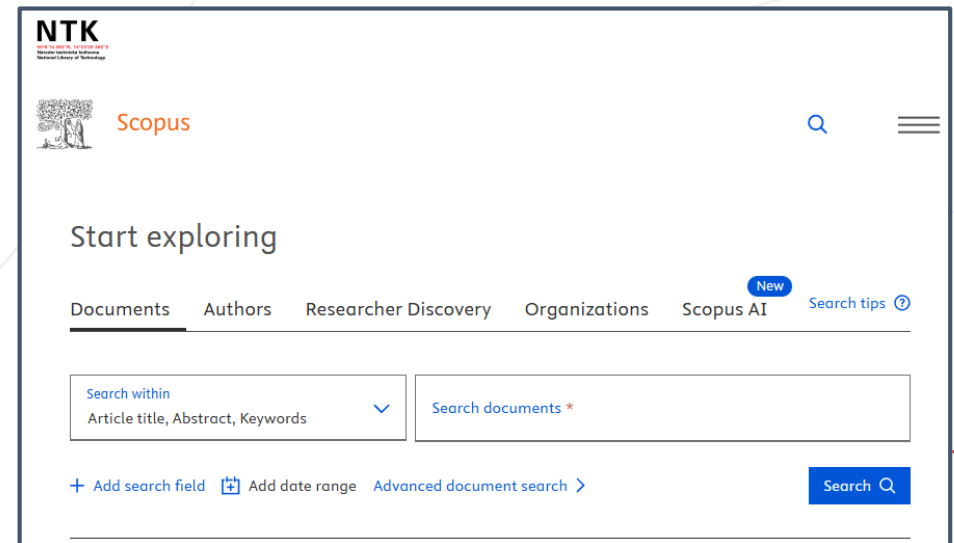
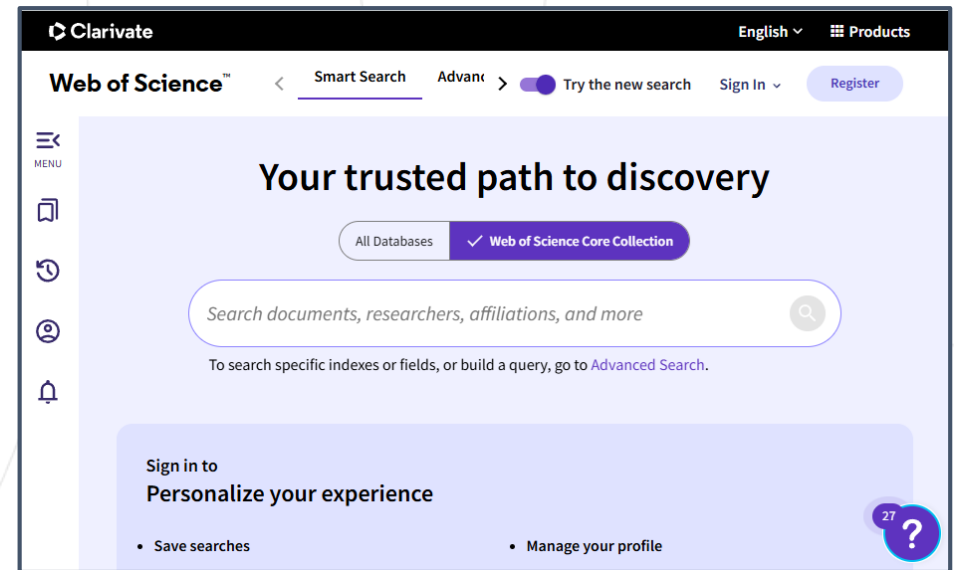
Choose the database that **meets your needs/requirements**:

- ❑ **Multidisciplinary** (e.g., Web of Science, Scopus, OpenAlex) and **field-specific databases** (e.g., ACS publications, LISTA): be informed about their **strengths and weaknesses**
- ❑ Be aware of: **coverage, content policy and selection criteria, types of metrics, biases**
- ❑ **Don't rely only on citation databases**: not enough for a comprehensive literature search (depends on the aim); quality research can be found in other places as well.

1. Searching for Literature in WoS/Scopus

Web of Science & Scopus

- ❑ **Subscription-based**, access via your library/institution: NTK, CTU, UCT & IOCB, Charles University, CZU
- ❑ Used for **assessing research performance**: see The Methodology for Evaluating Research Organizations in the Czech Republic (Metodika M17+)
- ❑ **No full texts**, but abstracts and links to full texts
- ❑ **Delay in indexing** (up to 6 months after publication)
- ❑ **Peer-reviewed** scholarly literature; rigorous content policy and selection criteria



Web of Science & Scopus

Web of Science, WoS (Clarivate)

Coverage with references: 1900 to the present

Total records: 95+ million (Core Collection)

Journals: 22+ thousand (Core Collection)

Document types: article, book, conference proceedings, preprint, thesis, dataset, report and other

Collections: WoS Core Collection, ProQuest Dissertations & Theses Citation Index, Research Commons and other

Author profile: ResearcherID

Web of Science journal evaluation process
and selection criteria

Scopus (Elsevier)

Coverage with references: 1970 to the present

Total records: 102.6+ million

Journals: 29+ thousand

Document types: articles book, conference contribution, report, preprints and other

Author profile: Scopus ID

Scopus Content Policy & Selection

Despite constant development, Scopus has been more focused on the HSS whereas WoS focuses more on the natural sciences.

WoS & Scopus vs. Google Scholar

Can we consider Google Scholar as an alternative citation database?

**NTK Google
Scholar Guide**

❑ WoS & Scopus

- Citation analysis
- Created and supported databases
- Rigorous and clear selection criteria for sources; a journal can be excluded from the database!
- Delay in indexing
- Limited coverage for non-English publications
- Biases in selection criteria
- Full-text link to the publisher

❑ Google Scholar

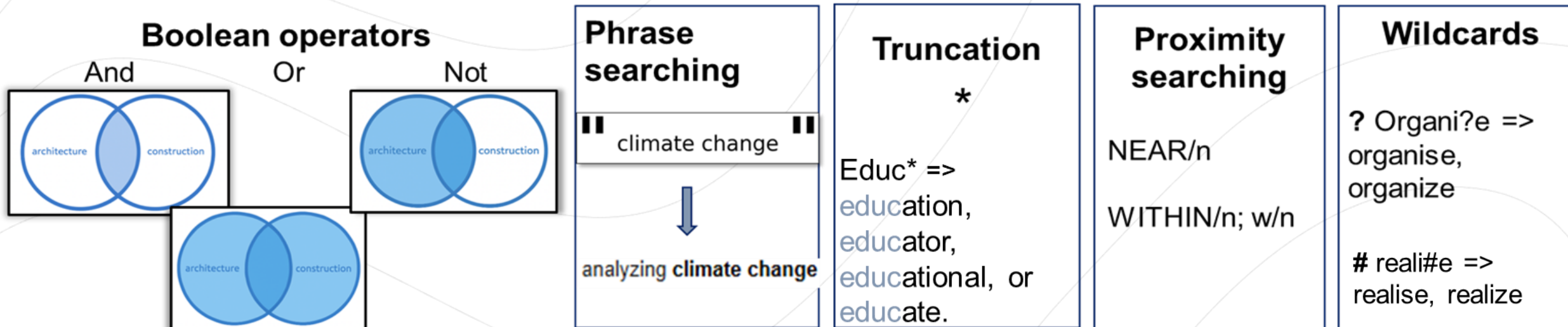
- Citation analysis; often less reliable data and poor bibliometric analysis
- Specialized search engine; inclusive and automated approach; quicker indexing
- Lack of transparency on including sources
- Also duplicates, errors in metadata, non-scientific or poor quality content
- Multi-language content
- Different ways to get the full text

Depends on the task: Google Scholar can be great for getting access to full texts but not for citation impact analysis or choosing a journal. **Use it consciously and be aware of its limitations.**

Citation Databases Searching Tips

Apply the same search strategy you have already used – keyword searches using operators.
Learn more about [navigating scientific resources effectively](#).

- ❑ Use of keywords, advanced searching ([WoS](#), [Scopus Advanced Search](#), [Scopus Quick Reference Guide](#))
- ❑ Semantic search: [Smart Search](#) on WoS, Quick Search on Scopus (Beta)
- ❑ Using filters to adjust results
- ❑ **Register for a personal account** to manage preferences, download search results, create alerts, and stay up-to-date ([WoS](#), [Scopus](#)).



Keyword Search & Semantic Search

Keyword Search

- Matches exact words in your query
- Sensitive to wording
- Need to understand Boolean operators

Semantic Search

- Tries to “understand” meaning (AI-driven)
- Handles synonyms and related concepts
- May produce less controllable results

Search in: Web of Science Core Collection ▾ Editions: All ▾

FIELD SEARCH QUERY BUILDER CITED REFERENCES STRUCTURE

Topic ▾ Example: oil spill* mediterranean

+ Add row + Add date range

× Clear 🔍 Search

Your trusted path to discovery

All Databases ✓ Web of Science Core Collection

Search documents, researchers, affiliations, and more 🔍

To search specific indexes or fields, or build a query, go to [Advanced Search](#).

WoS Searching and Managing Results

- Database
- Publication Years
- Document Types
- Authors
- Research Areas
- Publication/Source Titles
- Affiliations
- Countries/Regions
- Languages
- Filter by Marked List
- Open Access
- Editorial Notices
- Conferences/Meeting Titles
- Funding Agencies
- Editors
- Group/Corporate Authors
- Research Domains

278 results from Web of Science Core Collection:

cryptocurrenc* AND (environmental OR "energy consum*") AND impact (Topic) [Copy query link](#)

Quick add keywords: [+ cryptocurrency mining](#) [+ bitcoin energy consumption](#) [+ green cryptocurrencies](#)

Add collection to search: [+ BIOSIS Citation Index](#) [+ Current Contents Connect](#) [+ Data Citation](#)

278 Documents You may also like... [Analyze Results](#) [Citation Report](#) [Create Alert](#)

Refine results [Export Refine](#)

Search within topic...

Quick Filters

- Highly Cited Papers 8
- Review Article 25
- Open Access 141
- Associated Data 3

0/278 [Add To Marked List](#) [Export](#) **Sort by Relevance** [1 of 6](#)

1 **Web of Science Core Collection**
Energy Consumption and Bitcoin Market
Huynh, ANQ; Duong, D; (...); Bui, NH
Mar 2022 | ASIA-PACIFIC FINANCIAL MARKETS 29(1), pp.79-93
This paper is the first empirical paper to study the relationship between Bitcoin energy consumption and its market. Using the variance decompositions in combination with realized ... [Show more](#)
[Full text at publisher](#)

72 Citations
52 References

2 **Web of Science Core Collection**
The Impact of Battery-Electric Vehicles on Energy Consumption: A Macroeconomic Evidence from 29 European Countries
Koengkan, M; Fuinhas, JA; (...); Dehdar, F

43 Citations
52 References

- EndNote online
- EndNote desktop
- Plain text file
- RIS (other reference software)
- Excel
- Tab delimited file
- Printable HTML file
- Email
- Fast 5000
- More Export Options

- Relevance
- Date: newest first
- Date: oldest first
- Citations: highest first
- Citations: lowest first
- Usage (all time): most first
- Usage (last 180 days): most first
- Recently added
- Conference title: A to Z
- Conference title: Z to A
- First author name: A to Z
- First author name: Z to A
- Publication title: A to Z
- Publication title: Z to A
- Document title: A to Z
- Document title: Z to A

WoS Smart Search

Smart Search > Results for How do energy ... > Refine results for How do er... > Refine results for In what ways do energy consumption and environmental i...

111 results from Web of Science Core Collection for:

In what ways do energy consumption and environmental issues impact cryptocurrencies? → Copy query link

+ Add Keywords Quick add keywords: < + bitcoin energy consumption + bitcoin carbon footprint + energy cryptocurrencies + >

See how we processed your query ▾

We searched for **TS=(energy consumption) AND TS=(environmental issues) AND TS=(cryptocurrencies)** Edit ✎

111 Documents **100** Researchers Analyze Results Citation Report Create Alert

Refine results Export Refine

Search within results...

Quick Filters

- Highly Cited Papers 5
- Review Article 9
- Early Access 1
- Open Access 48
- Enriched Cited References 24

Publication Years ⓘ

Show Final Publication Year

- 2025 17
- 2024 16
- 2023 27
- 2022 22

0/111 Add To Marked List Export ▾ Preferred Search Results Combined Se... Sort by Relevance ▾

< 1 of 3 >

1 **Beyond Bitcoin: Evaluating Energy Consumption and Environmental Impact across Cryptocurrency Projects** 15 Citations

Semantic search result
Khosravi, A and Säämäki, F
Sep 2023 | ENERGIES ▾ 16(18)

Since their inception with Bitcoin in the late 2000s, **cryptocurrencies** have grown exponentially, reshaping traditional financial paradigms. This transformative journey, while innovative, brings forth pressing concerns about their ... Show more ▾

Free Full Text from Publisher View Full Text on ProQuest ...

2 **Exploring the impact of climate change on traditional and energy cryptocurrencies: A cross-sectional approach** 45 References

Semantic search result
Alshammari, S; Abid, I; (...); Soliman, A

- Ask in natural language
- WoS transforms the question into a KW search query
- Relevant researchers

Combined Semantic and Boolean Search

Uses both exact keyword matching and contextual understanding for broader, more relevant results.

Combined Semantic and Boolean Search

- Boolean
- Semantic

- Combined: 111
- Boolean: 13
- Semantic: 100

WoS Article Details

1 **Web of Science Core Collection**

 **Can Fintech development pave the way for a transition towards low-carbon economy: A global perspective**


Tao, R; Su, CW; (...); Rizvi, SKA
Jan 2022 | TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE ▾ 174

In the recent years, the concerns raised by environmentalists, over the excessive usage of electricity, particularly in the mining of cryptocurrencies, have caught the attention of the community at large. In this rega ... [Show more ▾](#)




[Full text at publisher](#)  

341 Citations
67 References




[Related records](#)

 Add to marked list

Copy

-  Accession Number
-  DOI
-  Article link

View

-  Citing Articles
-  Related Records
-  Cited References

Get more possibly relevant results

[Full text at publisher](#)   < 1 of 1 >

Can Fintech development pave the way for a transition towards low-carbon economy: A global perspective

 View This Highly Cited Paper Details

By Tao, R (Tao, Ran) [1]; Su, CW (Su, Chi-Wei) [1]; Naqvi, B (Naqvi, Bushra) [2]; Rizvi, SKA (Rizvi, Syed Kumail Abbas) [2]

[View Web of Science ResearcherID and ORCID](#) (provided by Clarivate)

Source TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE

[View Journal Impact](#)
Volume: 174
DOI: 10.1016/j.techfore.2021.121278

Citation Network

In All Databases
341 Citations


[Create citation alert](#)

341 Times Cited in All Databases

+ See more times cited

67 Cited References

[View Related Records](#)

Citing items by classification 

Breakdown of how this article has been mentioned, based on available citation context data and snippets from 107 citing item(s).

Backgr...	88
Basis	9
Support	3
Differ	2
Discuss	23

Scopus Searching and Managing Results

- Author name
- Subject area
- Document type
- Source title
- Publication stage
- Keyword
- Affiliation
- Funding sponsor
- Country/territory
- Source type
- Language
- Open access

Advanced query

Search within: Article title, Abstract, Keywords

Search documents: cryptocurrenc* AND (environmental OR "energy consum*"

Save search | Set search alert | Add search field | Reset | Search

Documents | Preprints | Secondary documents

314 documents found

Refine search: Search within results

Filters: Year (Range/Individual)

Export | Download | Citation overview | More | Show all abstracts | Sort by Relevance

	Document title	Authors	Source	Year	Citations
1	Conference Paper Specifics of Data Mining Facilities as Energy Consumers	<u>Kosharnaya, Y.</u> , <u>Yanchenko, S.</u> , <u>Kulikov, A.</u>	12th International Scientific and Technical Conference Dynamics of Systems Mechanisms and Machines Dynamics 2018, 8601462	2018	7
2	Article • Open access The Impact of Battery-Electric Vehicles on Energy Consumption: A Macroeconomic Evidence from 29 European Countries	<u>Koengkan, M.</u> , <u>Fuinhas, J.A.</u> , <u>Belucio, M.</u> , ... <u>Silva, V.</u> , <u>Dehdar, F.</u>	<u>World Electric Vehicle Journal</u> , 13(2), 36	2022	46
3	Conference Paper The Measurement and Optimization of ICT Energy Consumption	<u>Gelenbe, E.</u>	International Symposium on Technology and Society Proceedings, 2022-November	2022	2

Show abstract | SFX | View at Publisher | Related documents

- Author name
- Subject area
- Document type
- Source title
- Publication stage
- Keyword

File types

- CSV
- RIS
- BibTeX
- Plain text

Reference managers

- Mendeley
- Refworks (RIS)
- Zotero (RIS)
- EndNote (RIS)

Date (newest)

- Date (newest)
- Date (oldest)
- Cited by (highest)
- Cited by (lowest)
- Relevance
- First Author (A-Z)
- First Author (Z-A)
- Source Title (A-Z)
- Source Title (Z-A)

Scopus Article Details


Article • Open access

6 **Policy assessments for the carbon emission flows and sustainability of Bitcoin blockchain operation in China** Jiang, S., Li, Y., Lu, Q., ... Xiong, Y., Wang, S. Nature Communications 2021 244, 12(1), 1938

Show abstract  View at Publisher [Related documents](#)

Policy assessments for the carbon emission flows and sustainability of Bitcoin blockchain operation in China

Nature Communications • Article • Open Access • 2021 • DOI: 10.1038/s41467-021-22256-3

Jiang, Shangrong^a; Li, Yuze^{a,b}; Lu, Quanying^b; Hong, Yongmiao^{b,c}; Guan, Dabo^d ; +2 authors

^aSchool of Economics and Management, University of Chinese Academy of Sciences, Beijing, China

[Show all information](#)

244 99th percentile
Citations 

10.55
FWCI 

[View PDF](#) Full text  Export   Save to list

Document Impact **Cited by (244)** References (35) Similar documents

Get more relevant results

Abstract




The growing energy consumption and associated carbon emission of Bitcoin mining could potentially undermine global sustainable efforts. By investigating carbon emission flows of Bitcoin blockchain operation in China with a simulation-based Bitcoin blockchain carbon emission model, we find that without any policy interventions, the annual energy consumption of the Bitcoin blockchain in China is expected to peak in 2024 at 296.59 Twh and generate 130.50 million metric tons of carbon emission correspondingly. Internationally, this emission output would exceed the total annualized greenhouse gas emission output of the Czech Republic and Qatar. Domestically, it ranks in the top 10 among 182 cities and 42 industrial sectors in China. In this work

- Abstract**
- Indexed keywords
- Chemicals and CAS Registry Numbers
- Funding details
- Corresponding authors

Getting Full Texts

Web of Science

Scopus

<p>Proxy  Full text at publisher  View Full Text on ProQuest</p> <p>(proxy-server of your library/institution) Redirect link to resources subscribed to by your library. You can be asked to sign in with your credentials. In case of SFX, you can be asked to choose your institution with NTK access (NTK, UCT Prague, or IOCB).</p>	<p>Proxy  ↗</p> <p>(proxy-server of your library/institution) Redirect link to resources subscribed to by your library. In case of SFX, you can be asked to choose your institution with NTK access (NTK, UCT Prague, or IOCB).</p>
<p>Free Full Text From Publisher</p> <p>Direct “publisher link” to open access resources. Search the article title in Google Scholar if the link is broken.</p>	<p>View at Publisher</p> <p>Direct “publisher link” to the article published in both open access and subscription resources. Search for the title of the article in Google Scholar or contact your library for assistance.</p>
<p>View Full Text</p> <p>Direct “publisher link” to the article. It will work just for articles subscribed to by your library. Search for the title of the article in Google Scholar, your library catalog or contact your library for assistance.</p>	

WoS & Scopus: AI Tools

NOT in the standard subscription!

□ WoS

- Smart Search (semantic searching)
- Research Assistant
- AI agents: topic explorer, literature review (identification of research gaps, hypotheses), journal matching
- Pre-trained Large Language Models in a Retrieval Augmented Generation architecture

Let Research Assistant talk you through it

Advanced technology to help you understand your topic and find resources faster.

[Get started with Research Assistant](#)

- Understand a topic
- Literature review
- Find a journal
- Start a new chat

□ Scopus

- Scopus AI (Scopus AI LibGuide)
- Topic summary, Expanded summary, Deep Research
- RAG Fusion model; Copilot

Start exploring

Documents Authors Researcher Discovery Organizations **Scopus AI** New

Explore topics and discover relevant references since 2003

What would you like to learn more about?

Deep research

Conversation examples

- ↳ What impact do microplastic pollutants have on marine biodiversity in coastal regions?
- ↳ How can international cooperation be improved to effectively address global climate change?
- ↳ How does chronic sleep deprivation affect cognitive decline in aging populations?

AI tools cannot replace traditional comprehensive searching yet, but they can complement it. Learn more => AI Essentials for Academia NTK Webinar on April 15.

Scite_

- ❑ Scite_ is a subscription-based AI-driven database.
- ❑ Registered NTK patrons can use Scite_!
- ❑ Citations are classified as either neutral, supportive, or disputing, and also distinguished from self-citations.
- ❑ Keyword-based or AI-assisted searching

Discover more AI Tools for Research

- ❑ Displaying a specific paraphrased section from the source used
- ❑ Tables to extract and structure data from peer-reviewed literature

The screenshot displays the Scite_ website interface. At the top, the logo "scite_" is visible, along with navigation options: "Assistant", "Search", and "More". A notification bell and a user profile icon are also present. The main heading is "AI for Research", with a sub-heading: "Discover facts, figures, and relevant research from the world's largest collection of full-text scholarly content". Below this, there are three tabs: "Assistant", "Search", and "Tables". A search bar contains the placeholder text "Ask a question... (type '/' for menu)". Below the search bar, there are links for "Settings" and "Sources".

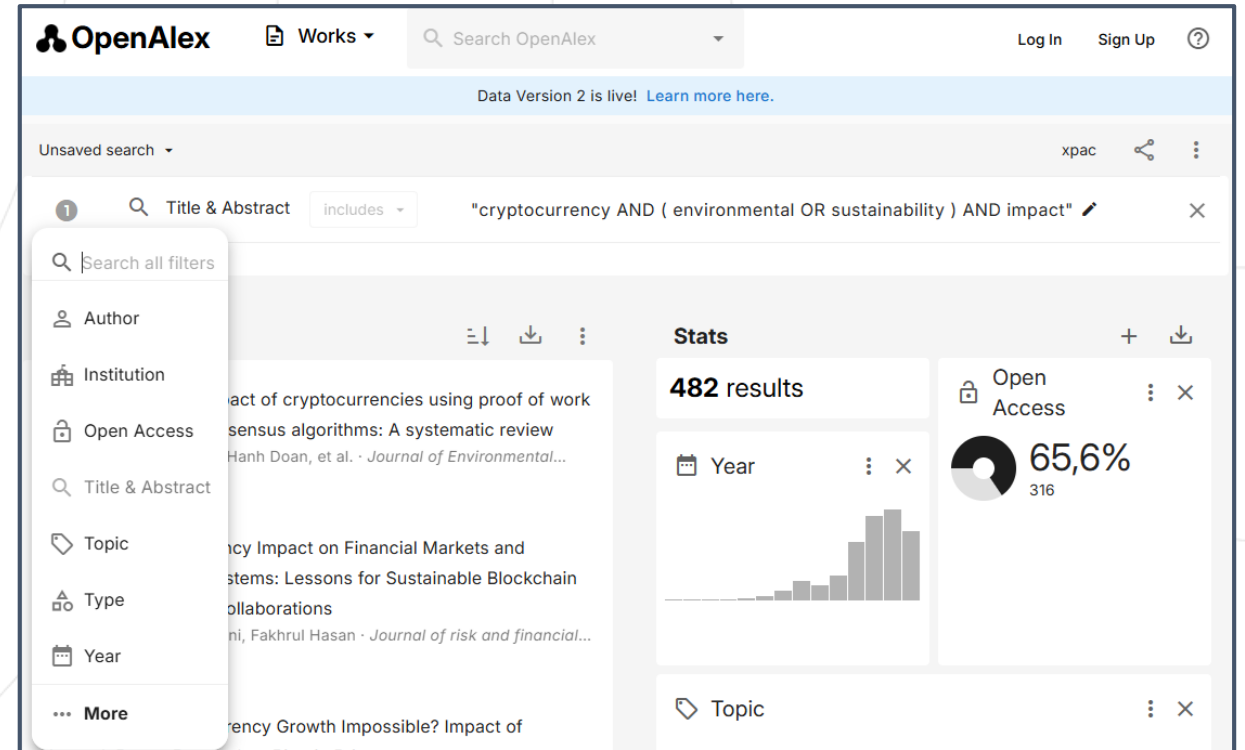
On the right side, the NTK logo is displayed, along with its coordinates and full name: "50°6'14.083"N, 14°23'26.365"E", "Národní technická knihovna", and "National Library of Technology".

The main content area shows a search result for "AI for Research". A blue button labeled "Ask" is visible. Below the button, a message states: "Custom Assistant Settings are being used for this session." A detailed view of a research article is shown, including the title "The Impact of Career Education on Students' Labour Market Perceptions" by Nwakanma¹ 2024, published in *didaktika.j.kep*. The article text is partially visible, starting with "...This article examines the impact of career education on students' perceptions of the labour market. The study utilized a narrative literature review methodology to investigate this topic. The article discusses how career education influences students' views on employment opportunities, skills, and employability. The findings...".

On the right side, there are "References" and "Search Strategy" sections. The "References" section includes a "Copy" button, an "Export" dropdown menu, and a button to "Add references to dashboard". The "Search Strategy" section shows a list of references, including the one by Nwakanma, with a "View PDF" button and a "Cite" button. A "Section: Discussion" label is also visible.

OpenAlex

- ❑ OpenAlex is open, community-driven indexed database; alternative to proprietary databases
- ❑ Ethical and transparent approach, comprehensive coverage, interoperability, transparent data model, updates
- ❑ Lack of citation accuracy and metadata quality
- ❑ Very promising but still in development



Learn more: [Reference coverage analysis of OpenAlex compared to Web of Science and Scopus](#)

2. Citation Metrics on WoS and Scopus

Citation Metrics

Assess the performance or impact of research by analyzing how the output has been cited.

What are citation metrics?

Metrics Toolkit

(last update 2021)

ACRL Scholarly Communication Toolkit

Measuring the Impact of Research

Altmetric Scores

Levels of Analysis:

- Individual journals
- Individual articles/outputs
- Individual output
- Outputs of all authors associated with an institution

Metrics	Author Level	Journal Level	Article Level
h-index	X	X	
Journal Impact Factor		X	
SCImago Journal Rank		X	
Altmetrics	X	X	X

The Colors of the Donut

- Policy documents
- News
- Blogs
- Twitter
- Post-publication peer-reviews
- Facebook
- Sina Weibo
- Syllabi
- Wikipedia
- Google+
- LinkedIn
- Reddit
- Research highlight platform
- Q&A (Stack Overflow)
- Youtube
- Pinterest
- Patents



Principles of Using Research Metrics

Every metric has its strengths and weaknesses – be aware of them.
Metrics have proliferated and impact our way of assessing scientific performance, but using only quantitative approach can damage the scientific landscape.
Learn more about responsible research assessment.

- Do not rely on just one metric: combine them to reduce the possibility of inadvertent favoritism or penalization.
- Compare “apples with apples”, not “apples with oranges”: do not mix scores from different metrics, different subjects, or different sources of data/databases.
- Be aware of and use qualitative assessment: put the data in context.

San Francisco Declaration on Research Assessment (DORA)

Metodika M17+ (English version here): still valid for evaluating 2024 research outputs (2025?)

Metodika 2025+ (no official English version available as yet, being finalized)

The Leiden Manifesto for Research Metrics

In 2015, five experts led by Diana Hicks, professor in the School of Public Policy at Georgia Institute of Technology, and Paul Wouters, director of CWTS at Leiden University, have proposed 10 principles for the measurement of research performance and published in the *Nature* as **the Leiden Manifesto for Research Metrics**.

1. Quantitative evaluation should support qualitative, expert assessment.
2. Measure performance against the research missions of the institution, group, or researcher.
3. Protect excellence in locally relevant research.
4. Keep data collection and analytical processes open, transparent, and simple.
5. Allow those evaluated to verify data and analysis.
6. Account for variation by field in publication and citation practices.
7. Base assessment of individual researchers on a qualitative judgement of their portfolio.
8. Avoid misplaced concreteness and false precision.
9. Recognize the systemic effects of assessment and indicators.
10. Scrutinize indicators regularly and update them.

Hicks, D., Wouters, P., Waltman, L. et al. (2015).
Bibliometrics: The Leiden Manifesto for research
metrics. *Nature* 520, 429–431

Key Metrics in WoS/Scopus

Web of Science

Web of Science Training Portal

Scopus

Scopus Tutorials, How SJR is calculated

Journal Level Metrics

- Journal Impact Factor (JIF)
- Journal Citation Indicator (JCI), subject-weighted
- Eigenfactor Score
- Article Influence Score (AIS)
- CiteScore
- SCImago Journal Rank (SJR)
- Source Normalized Impact per Paper (SNIP)

Researcher Level Metrics

- h-index
- Sum of Time Cited (total citations)
- Verified Peer Reviews/Editor Records
- h-index
- Citation Overview

Quartile and percentile of a scientific journal:

First decile (D1) = top 10%

First quartile (Q1) = top 25%, and on it goes: Q2, Q3, Q4

Evaluating Journals and Using Citation Metrics

- ❑ Metrics fit for purpose?
- ❑ Subject-specific citation customs: fast x slow disciplines.
- ❑ Quality changes over time.

“Searching for and Evaluating Journals and Conferences” webinar: April 1



- Why not limit yourself to the Web of Science and Scopus
- What kind of metrics to use and how to evaluate and compare journals
- How to search for and evaluate conferences
- How to recognize problematic outlets or even outright predators

<https://www.techlib.cz/en/85227>

3. Author Search, Metrics & Profiles

Searching for Authors in WoS

Clarivate English Products
Web of Science™ < nart Search **Advanced Search** > Try the new search Nadezda Firsova <
DOCUMENTS **RESEARCHERS**
Name Search
Name Search
Author Identifiers
Organization
Name Search
Finds an author record by searching for the author's first and last names.

Refine results
Quick Filters
Includes Web of Science Core Collectio... 2
Claimed Status
Unclaimed profiles 1
Claimed profiles ✓ 1
Authors
Zima, J 2
Zima, J. 2
Zima, JIRI 2
Zima, JIRÍ 1
Web of Science Categories
Biochemistry & Molecular Biology 2
Biophysics 2
Chemistry 2
Electrochemistry 2
Life Sciences & Biomedicine - Other Top... 2
See all >
0/2 View as combined record Merge Records How to correct author records
< 1 of 1 >
1 Zima, Jiří (Zima, Jiri) ✓
Charles University Prague 1981-2019
Charles University Faculty of Science
PRAGUE, CZECH REPUBLIC
Years Documents: 193
Web of Science ResearcherID: L-8240-2017
Published names: Zima, Jiří Zima, J more...
Top Journals: COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, ELECTROANALYSIS, CHEMICKE LISTY
Recent publications >
2 Zima, Jiri
Charles University Prague 1990-2025
UNESCO Lab Elektrochem Zivotniho Prosfredi
PRAGUE, CZECH REPUBLIC
Years Documents: 8
Web of Science ResearcherID: DZF-3281-2022
Published names: Zima, J. ZIMA, J
Top Journals: CHEMICKE LISTY, COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, NANOSTRUCTURE SCIENCE AND TECHNOLOGY
Recent publications >

- **Name search** – beware of spelling, affiliations, different forms of name
- **Author Identifiers** – the best option to find a particular person; WoS ResearcherID or ORCID iD
- **Organization** – tracking authors from a particular institution

Searching for Authors in Scopus

Scopus

Start exploring

Documents Authors Researcher Discovery Organizations Scopus AI Search tips

Search authors using: Author name ORCID Keyword

Enter last name * Enter first name

+ Add affiliation Search

Show exact matches only

Sort on: Document count (high-low)

Refine results

Limit to Exclude

Author	Documents	Affiliation	City	Country/Territory
<input type="checkbox"/> 1 Zima, Jiří Zima, Jiri Zima, Jiří Zima, Jiří View last title	147	Charles University	Prague	Czech Republic
<input type="checkbox"/> 2 Zima, Jiří Zima, Jiri Zima, J. View last title	17	Loughborough University	Loughborough	United Kingdom
<input type="checkbox"/> 3 Zima, Jiří View last title	1	Děkan PFF		United Kingdom

City

Loughborough (2) >
Prague (2) >
Belgrade (1) >

Display: 20 results per page 1 Top of page

- **Author Name** – beware of spelling, affiliations, different forms of name
- **ORCID** – the best option to find a particular person via ORCID iD
- **Keyword** – searching with keywords that relate to a research area, topic, or interest

h-index

- ❑ One of the key metrics for individual authors
- ❑ *h*-index was developed by J.E. Hirsch in 2005
- ❑ It reflects the productivity of authors based on their publication and citation records.
- ❑ Calculation is based on citation records in a particular database – use the one required.
- ❑ Pros: More complex view of a researcher’s performance, not influenced by one highly-cited paper
- ❑ Cons: Depends on a field and the half-life of citations

Learn more:

[Brief overview of author-level metrics](#)

Clarivate “Academia & Government”: [Highly Cited Researchers](#)

Paper	Number of citations
Paper 1	101
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/>

*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.*

[Web of Science: *h*-index information](#)

Author Identifiers and Profiles

- ❑ Author identifiers are used to clearly and permanently identify people involved in research and/or the academic publication process.
- ❑ Some identifiers also provide an online professional profile.
- ❑ Be aware of duplicate profiles!
- ❑ ORCID iD
 - Persistent and internationally recognized personal identifier
 - Well integrated into research and publication process; allows you to track all research activities and research outputs
 - ORCID iD for researchers



Image source: <https://info.orcid.org/researchers/>

Learn more: Author Identifiers and Profiles

Web of Science ResearcherID

ResearcherID lists publications indexed in WoS; researchers can add other publications indexed outside of WoS manually or via integration with ORCID.

Nadezda Firsova (Firsova, Nadezda) | Czech National Library of Technology

Identifiers
Web of Science ResearcherID: ABB-3534-2021
<https://orcid.org/0000-0003-1288-2103>

Subject Category: Business & Economics

Documents: All Indexed Documents (2), Web of Science Core Collection (1), Other Collections (1), Non-Indexed Documents (2)

Peer Review: All Indexed Documents (2), Web of Science Core Collection (1), Other Collections (1), Non-Indexed Documents (2)

Filters: Select Filters, Author Position: All Publications, Sort by: Date: newest first, 1 of 1

1 result

1 **Article**
Economic perspectives of the Blockchain technology: Application of a SWOT analysis
Firsova, N and Abrhám, J
2021 | TERRA ECONOMICUS 19(1), pp.78-90
7 Citations
39 References

Metrics
Profile summary
4 Total documents
2 Publications indexed in Web of Science
1 Web of Science Core Collection publications
0 Preprints
0 Dissertations or Theses
2 Non-indexed publications
0 Verified peer reviews
0 Verified editor records
0 Awarded grants

Web of Science Core Collection metrics

1	1
H-Index	Publication
7	7
Sum of Times Cited	Citing Articles
7	7
Sum of Times Cited without self citations	Citing Articles without self citations
0	0
Sum of Times Cited by Patents	Citing Patents
0	0
Sum of Times Cited by Policy	Citing Policy Documents

View citation report

All Indexed Documents (2), Web of Science Core Collection (1), Other Collections (1), Non-Indexed Documents (2)

Filters: Select Filters, Author Position: All Publications, Sort by: Date: newest first, 1 of 1

2 results

1 **Article**
Complexity of reference consultations for undergraduate and graduate students in an academic library
31 References
Firsová, N; Hinke, J and Smutka, L
Dec 05 2024 | Knowledge and Performance Management 8(2), pp.76-90
Effective resource allocation is critical for academic libraries that offer reference consultations and information literacy instruction to support student success. The study aims to examine the time spent and the intensity and variation in information resource use across ... Show more
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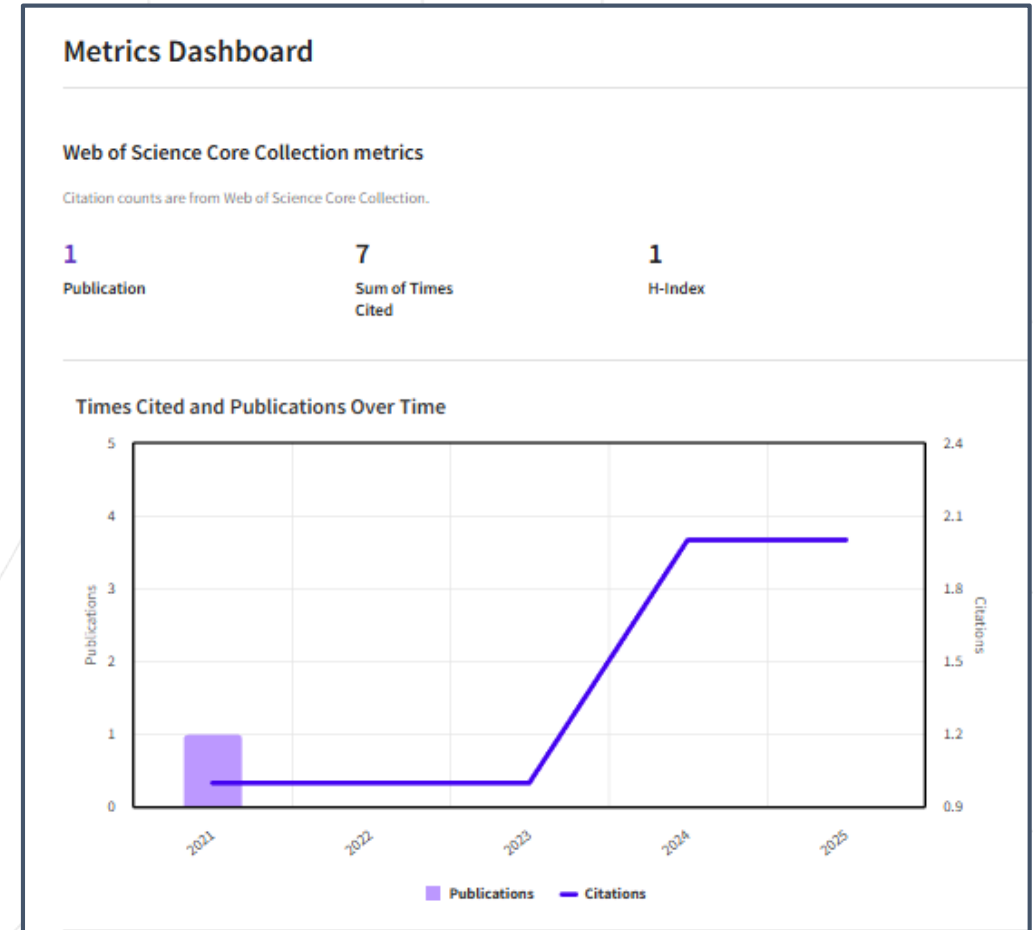
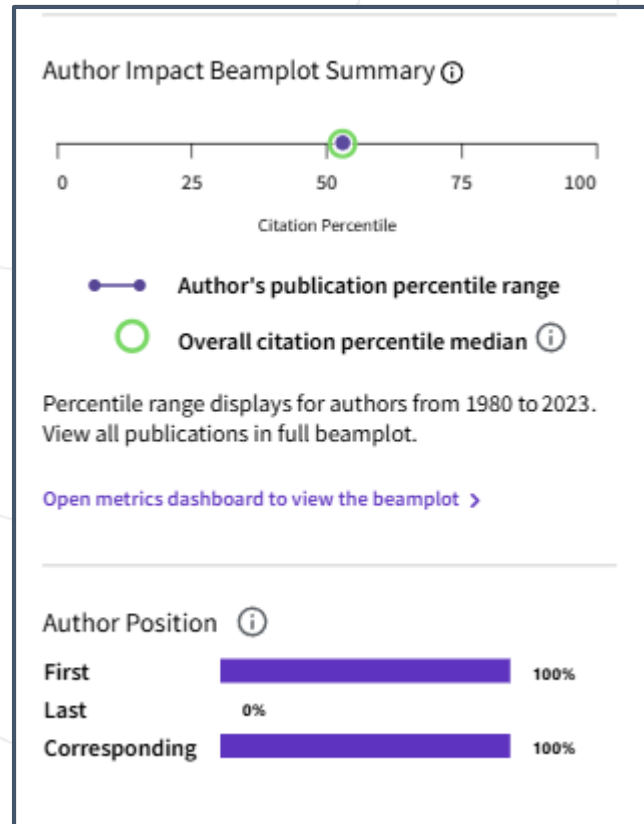
2 **Article**
Economic perspectives of the Blockchain technology: Application of a SWOT analysis
12 Citations
39 References
Firsova, N and Abrhám, J
2021 | TERRA ECONOMICUS 19(1), pp.78-90
Our paper focuses on the economic perspective of the Blockchain technology in economics and business in general and in agricultural business in particular. The field of the study is the European agri-food supply chain and related government politics (CAP, F2F, Green ... Show more
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Scopus ID

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[Knowledge and Performance Management](#), 2024, 8(2), pp. 76–90

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Document & citation trends

Year	Documents	Citations
2021	1	0
2022	1	0
2023	2	1
2024	2	2
2025	1	1

[Citation overview](#) [Analyze author output](#)

Author Position for 2015 - 2024

First author 75%

Documents	Average citations	FWCI
3	4	1.438

Common Issues: Duplicate Profiles

When publishing, check your profiles. Any duplicates? => Merge profiles.

The screenshot shows a Scopus author profile management interface. At the top, there are navigation options: 'All', 'Show documents', 'Citation overview', 'Request to merge authors' (highlighted with a red box), and 'Save to author list'. The main table lists two profiles for 'Firsova, Nadezda':

Author	Documents	Affiliation	City	Country/Territory
1 Firsova, Nadezda Firsová, Naděžda	6	Czech University of Life Sciences Prague	Prague	Czech Republic
2 Firsova, Nadezda	1	National Library of the Czech Republic	Prague	Czech Republic

Below the table, there are 'View last title' links for each profile. To the right, a dialog box is open with the following text:

Is this your own profile?
 Is this your own profile? "Firsova, Nadezda"
 Yes, this is my profile
 No, I am requesting changes on behalf of someone else
 Cancel Continue

1. Check the potential duplicates.
2. Request to merge authors and declare your connection with the author.
3. Choose which account you'd like to keep.
4. Support Center will check the request and make the change (sometimes it takes time).

Learning outcomes

By now you should have a clear idea how to use Web of Science/Scopus effectively

- to search for and evaluate scholarly sources,
- to understand types of citation metrics and why they are important,
- to manage your own researcher profile and check out other researchers.

Get Assistance

- ❑ Schedule an individual consultation.
- ❑ Attend webinars and check materials on the NTK Moodle.

- ❑ Explore by yourself:
 - STEMskiller: comprehensive skills set map for early career researchers
 - Tutorials: NTK instructional materials and recordings, further resources

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Thank you for your attention.

Questions?

Contact:

nadezda.firsova@techlib.cz