



Emerging Sources Citation Index

More research and trends from emerging and less-established sources.

Romania Case Study



Web of Science
Trust the difference

 **Clarivate**
Analytics

Emerging Sources Citation Index

The *Emerging Sources Citation Index* (ESCI) deepens and broadens the current Web of Science coverage—delivering the most comprehensive discovery across areas of research in journals of regional importance, not found in more established journals.

ESCI connects to more than 1.4 billion cited references across the Web of Science

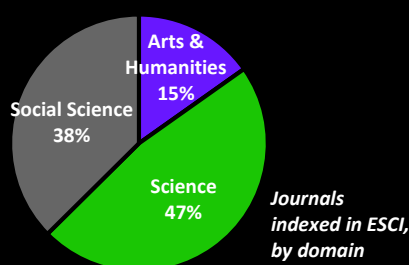
ESCI is the ultimate resource to:

- Search and discover new areas of research and emerging sources
- Identify new collaboration opportunities in emerging research areas
- Expand research assessment and benchmarking
- Discover new scholarly content around the globe
- Greater perspective to institutional research output
- Discover thousands of new publishers and journals from independent, scholarly societies
- Real-time insight into a journal's citation performance while the content is considered for inclusion in other Web of Science collections.

ESCI fills the need within rapidly changing research fields and the rise of interdisciplinary scholarship

The *ESCI* connects to more than 1.4 billion cited references across the Web of Science—ensuring the most complete global view of the best available research.

All records in the *ESCI* are searchable, discoverable, and citable making it possible to measure the contribution of an article in specific disciplines, as well as to discover connections to new research in new disciplines.



Editorial process

All journals in the *ESCI* have been rigorously hand selected and reviewed by our editorial team as important titles to key opinion leaders, funders, and research evaluators worldwide. They have passed an initial editorial evaluation and can continue to be considered for inclusion in the Science Citation Index Expanded, Social Science Citation Index, and Arts & Humanities Citation Index, which have their own rigorous evaluation processes and selection criteria. All *ESCI* journals are indexed according to the same data standards, including cover-to-cover indexing, cited reference indexing, subject category assignment, and indexing all authors and addresses.

The *Web of Science* is the most accurate and comprehensive resource for research discovery and evaluation, and our independent and unbiased journal selection ensures the highest quality indexing.

The *ESCI* makes our rigorous selection criteria more transparent by exposing new content earlier in the selection process—helping everyone to make more connections to new areas of research, and discover more journals of regional importance.

ESCI 10-years archive (2005-2014)

The *ESCI* 10-years archive provides access to over one million new records—deepening discovery and exposure to past research across the *ESCI* portfolio.

ESCI 10-years archive covers:

- 5,000+ Journals
- Over 50 specialty areas
- Over 1 million new records
- 80% of content from outside of North America
- 53% of content from outside North America and Western Europe
- 53% of content from Social Sciences and Arts & Humanities
- 36% OPEN ACCESS—1,700+ open access journals, providing easy access to full text.



Emerging Sources Citation Index

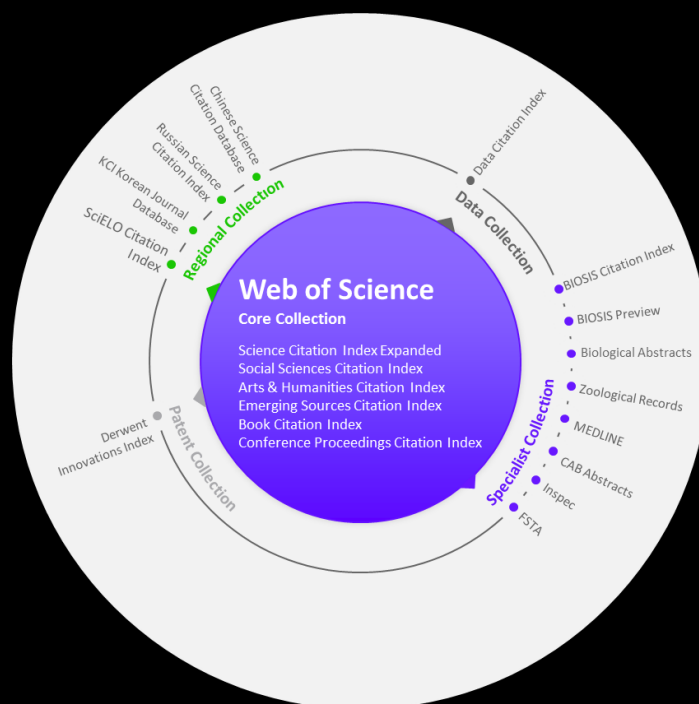
Discover and analyze the papers published by Romanian organizations indexed in the Emerging Sources Citation Index.

WEB OF SCIENCE

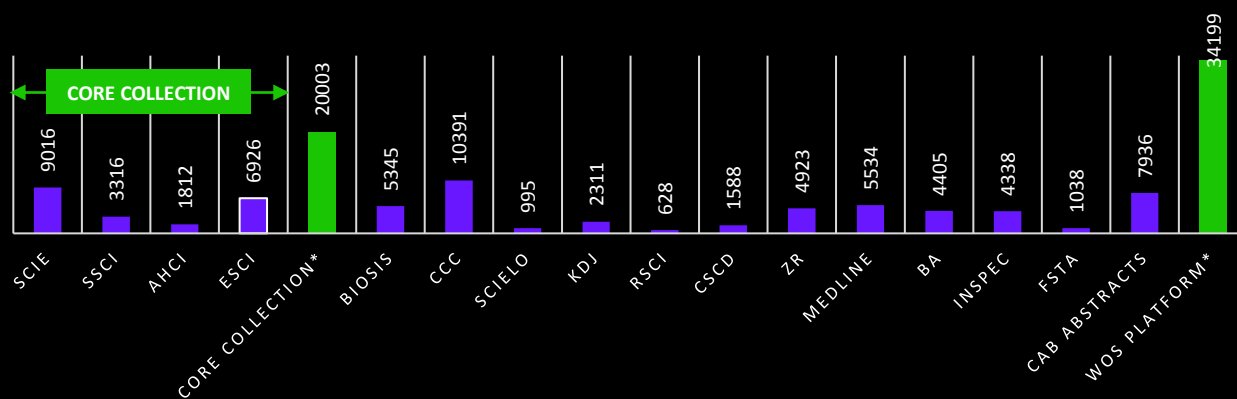
34,000+ UNIQUE JOURNALS

147+ MILLION UNIQUE RECORDS

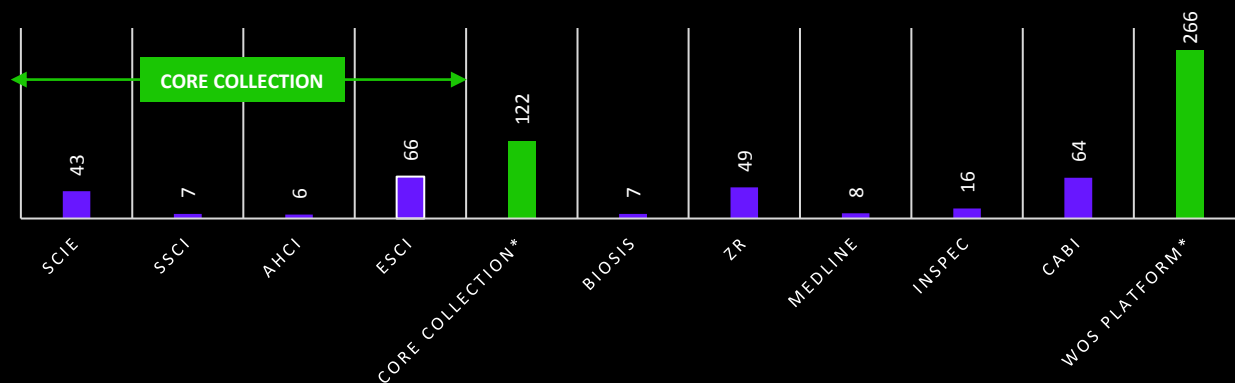
1.3+ BILLION CITED REFERENCES



Number of indexed journals per Web of Science edition (all years)

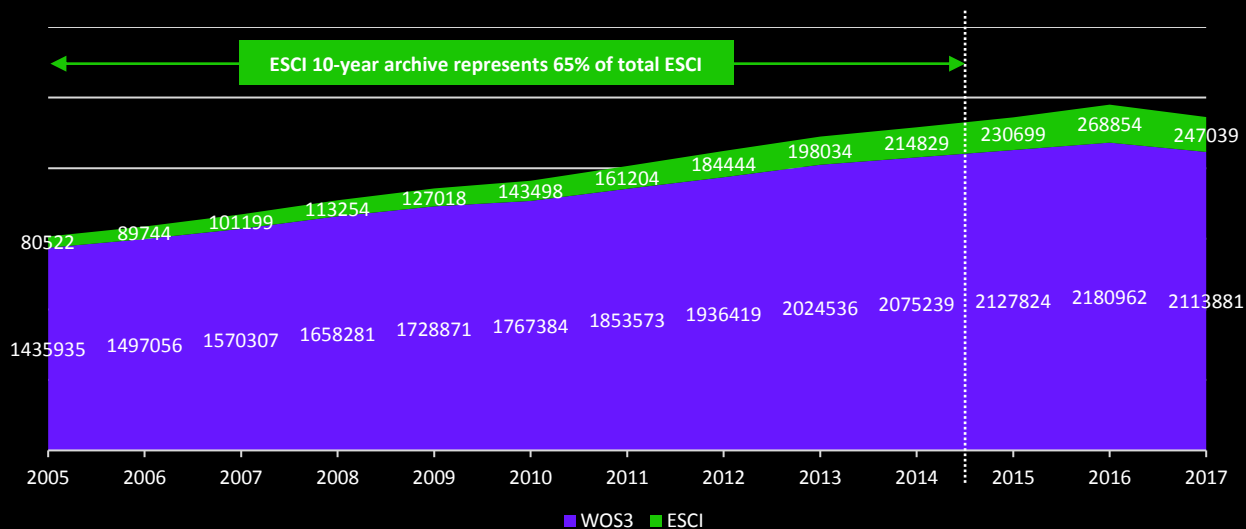


Number of indexed Romanian journals per WoS edition (all years)



*unique (non-overlapping) number of journals in WoS collection

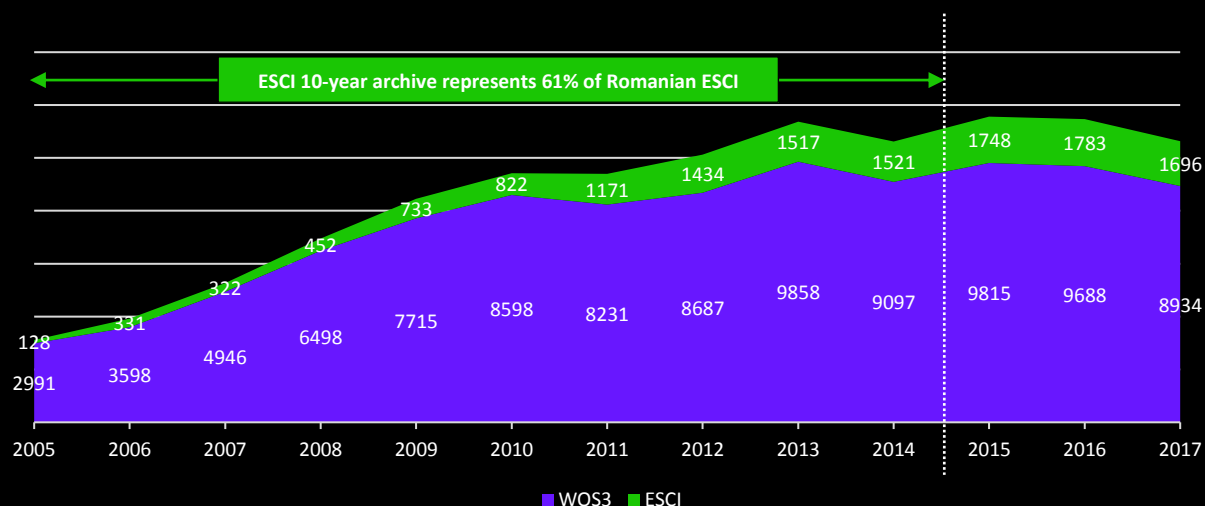
Documents indexed in Emerging Sources Citation Index (2005-2017)




The deeper ESCI 10-year archive provides for comprehensive discovery of new areas of research, deepens regional and domain coverage, and enables expanded research assessment.

Researchers, evaluators, publishers, and funders can realize a broader and deeper view of research output and impact by connecting the 10-year archive to more than one billion citations in the Web of Science.

Documents indexed in Emerging Sources Citation Index-published by Romanian organizations (2005-2017)

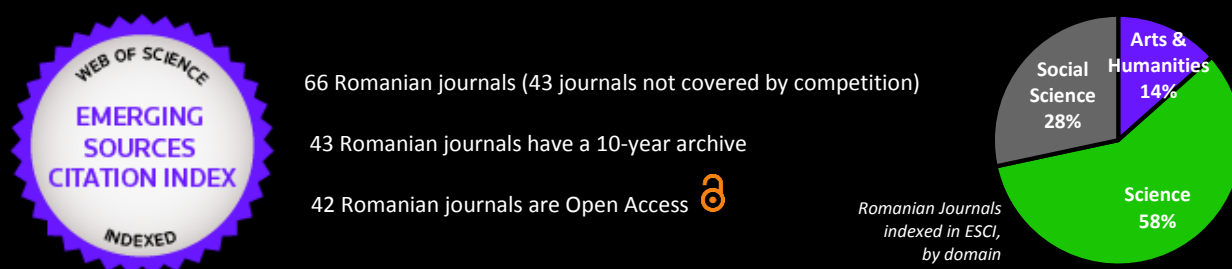


13,700+ documents published by Romanian organizations are indexed in ESCI:

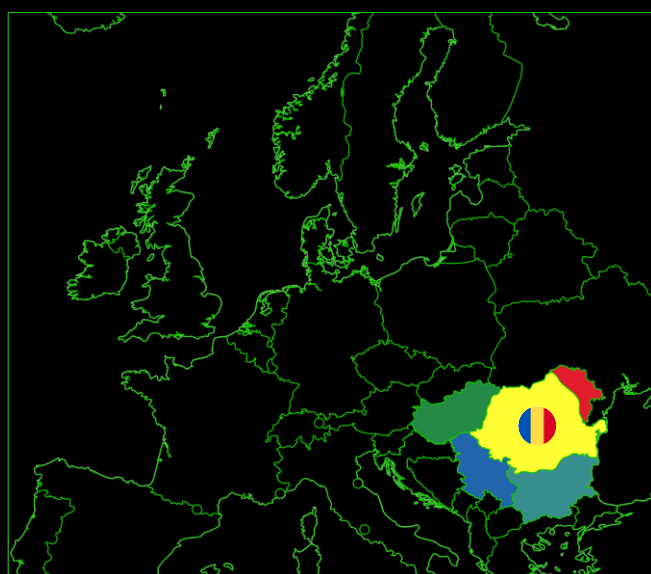
- 61% of papers are published between 2005-2014
- 39% of papers are Open Access 

The impact is growing year by year and there is more to come: selected journals not yet indexed, journals under evaluation.

Romanian journals indexed in Emerging Sources Citation Index (2005-2017)



European journals indexed in Emerging Sources Citation Index (2005-2017)



Romania neighbouring countries

Bulgaria: 18 journals (7 incl. archive)

Hungary: 15 journals (11 incl. archive)

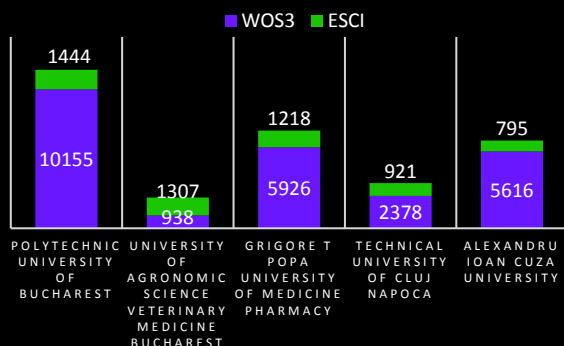
Moldova: 5 (2 incl. archive)

Serbia: 31 (26 incl. archive)

Europe: 3,391 (2,820 incl. archive)

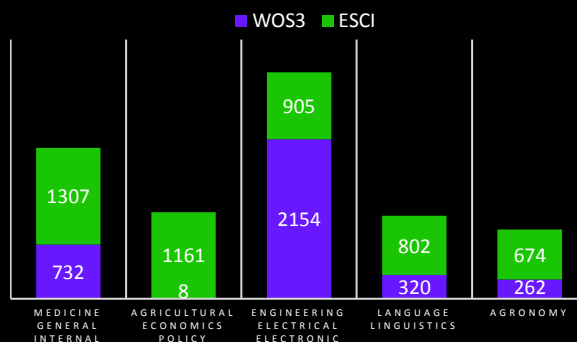
World: 6,926 (5,650 incl. archive)

Top 5 Romanian organizations by number of documents indexed in Emerging Sources Citation Index (2005-2017)



ESCI and the 10-year archive increase the research output of Romanian organizations. *USAMV Bucharest* has a 58% increase in number of documents indexed in the Web of Science Core Collection. Other examples include *Technical University of Cluj Napoca* with 29% increase, or *Dunarea de Jos University Galati* with 21% increase.

Top 5 Web of Science Categories by number of documents indexed in Emerging Sources Citation Index-published by Romanian organizations (2005-2017)




Romanian papers indexed in ESCI supplement the number of papers in traditional WoS categories, such as *Medicine General Internal* or *Engineering Electrical Electronic*. In the same time, the visibility of Romanian organizations increases in other WoS categories, previously poorly covered in WOS3; examples include *Agricultural Economics Policy* (99% increase) or *Language Linguistics* (60% increase).

Emerging Sources Citation Index impact on Romanian researchers' visibility



Prof. Dr. Anca Trifan
Grigore T. Popa University of Medicine & Pharmacy, Iasi

From 4 to 35 papers in MEDICINE GENERAL INTERNAL




Prof.habil. PhD. Gheorghe Savoiu
University of Pitesti

From 0 to 23 papers in SOCIAL SCIENCES MATHEMATICAL METHODS



Assist. Prof. Alexandru Grumezescu
Polytechnic University of Bucharest

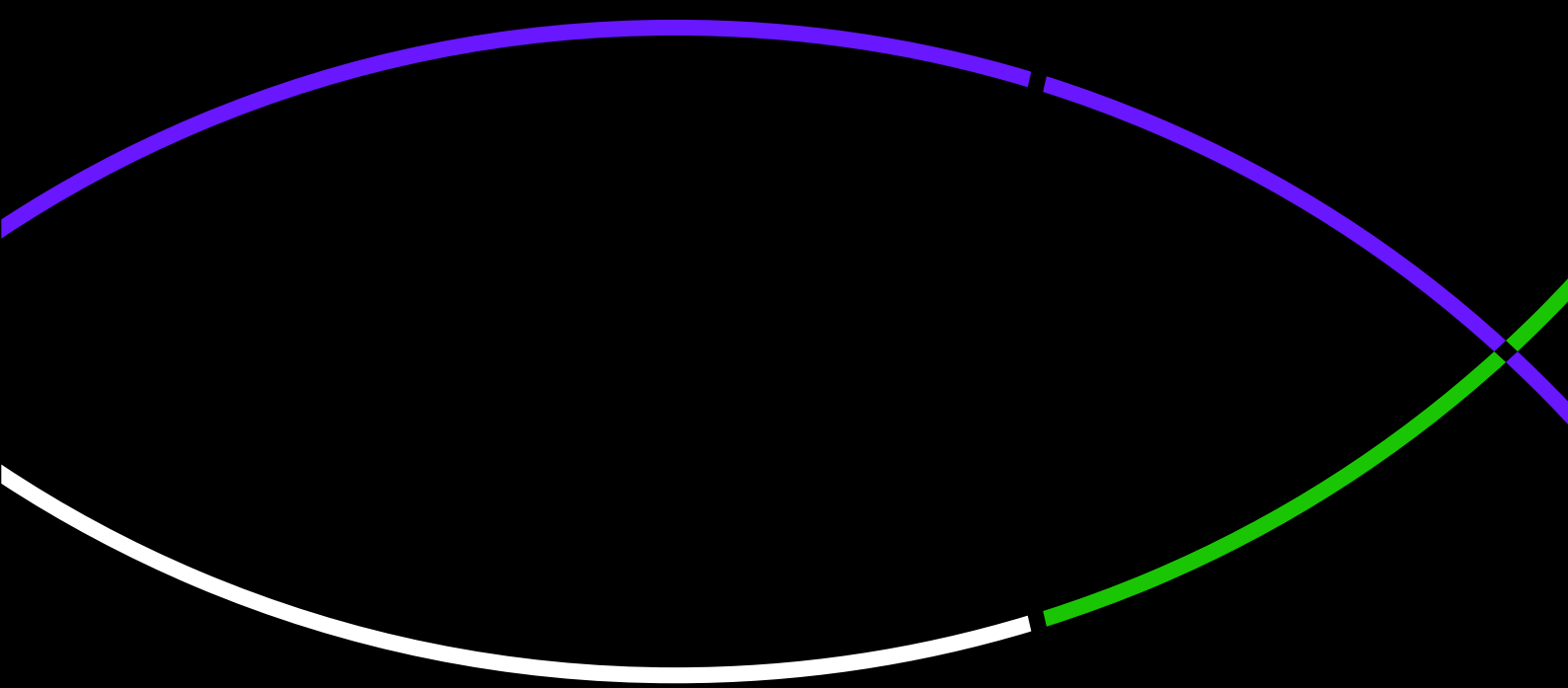
H-index 21 to H-index 22
From 0 to 21 papers in CHEMISTRY APPLIED



Assoc. Prof. Elena Mudura
USAMV Cluj

H-index 3 to H-index 4
From 10 to 30 papers in FOOD SCIENCE TECHNOLOGY

Emerging Sources Citation Index has a positive impact on Romanian researchers' visibility. Most researchers have an increased H-index and a higher number of papers indexed in the Web of Science Core Collection.



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

**Early Insight on the ESCI: an overlay
map-based bibliometric study**

Scientometrics, 18 March 2017

Data used in this report was extracted from Web of Science Core Collection in February 2018 (papers published between 2005-2017 and indexed in the Web of Science Core Collection).

Who we are

Clarivate Analytics accelerates the pace of innovation by providing trusted insights and analytics to customers around the world, enabling them to discover, protect and commercialize new ideas faster. We own and operate a collection of leading subscriptionbased services focused on scientific and academic research, patent analytics and regulatory standards, pharmaceutical and biotech intelligence, trademark protection, domain brand protection and intellectual property management.

Clarivate Analytics is now an independent company with over 4,000 employees, operating in more than 100 countries and owns well-known brands that include *Web of Science*, *Cortellis*, *Derwent*, *CompuMark*, *MarkMonitor* and *Techstreet*, among others. For more information, visit clarivate.com.

To learn more, visit:

clarivate.com/web-of-science

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