

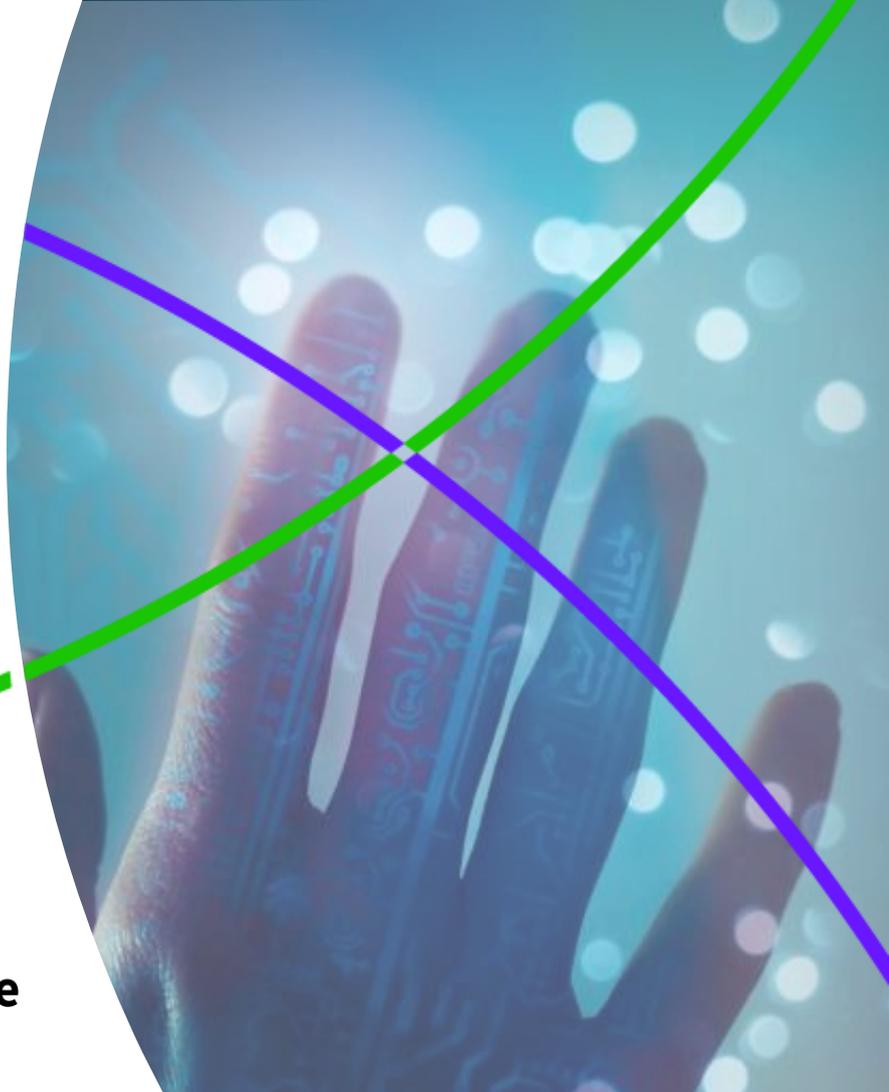
Web of Science InCites B&A

May 2018

Slovakia

Web of Science
Trust the difference

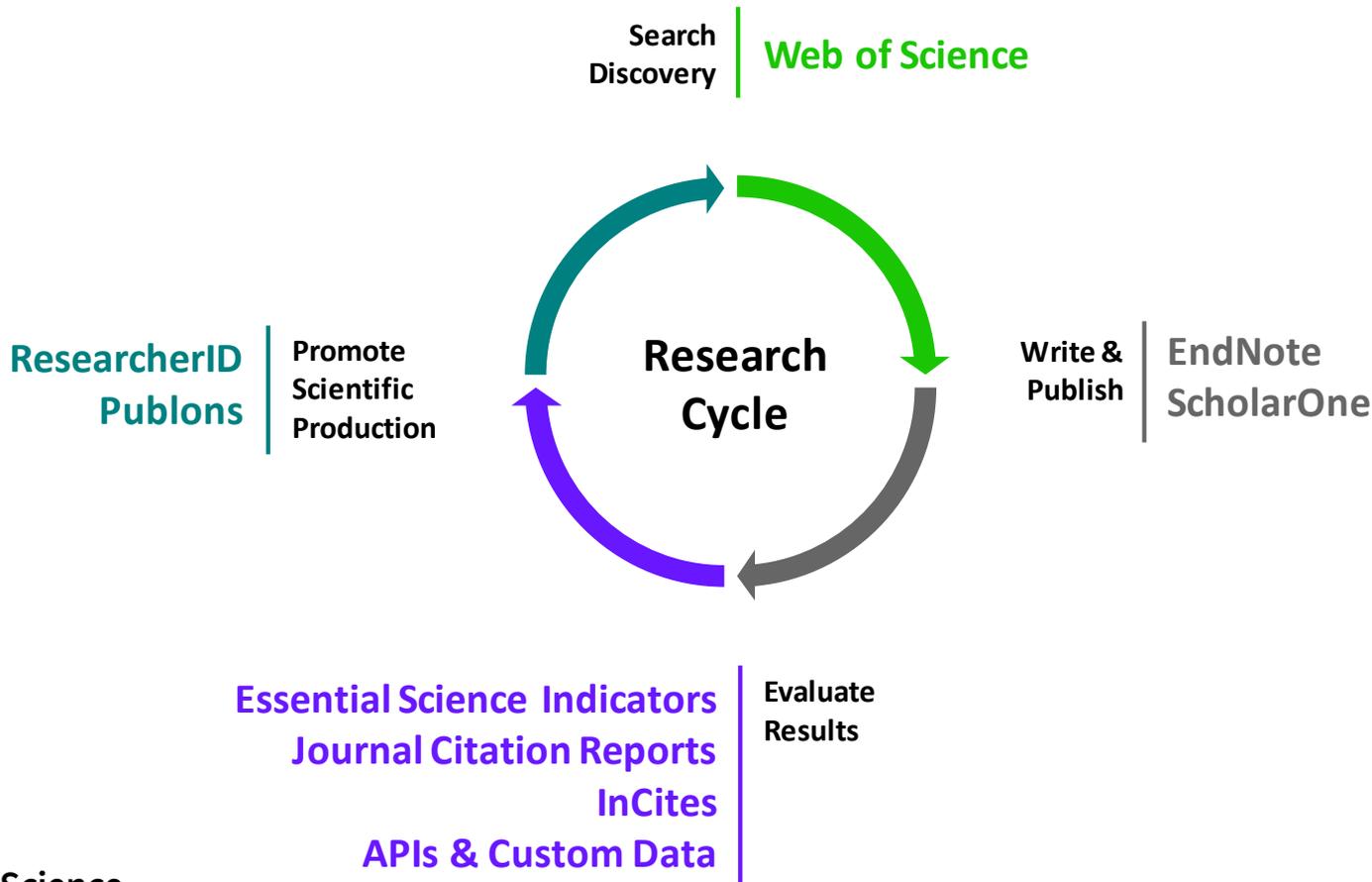
 **Clarivate**
Analytics



Agenda

Web of Science Citation Connection

InCites Benchmarking and Analytics



Clarivate Analytics evolution

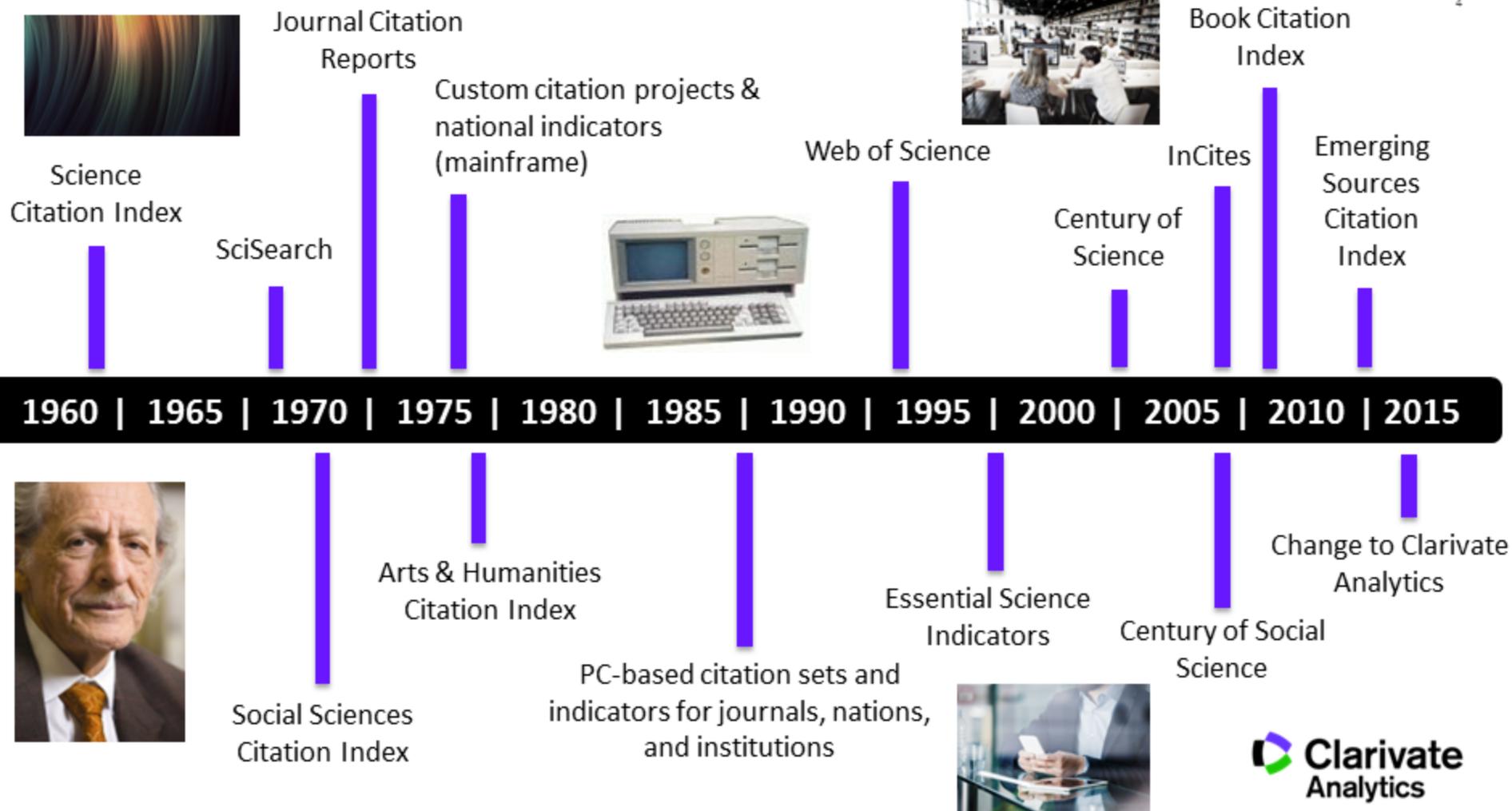


We have a **60-year legacy** of curating the most authoritative knowledgebase, including the Web of Science, a custodian of **100 years' worth of research**.

Over 7,000 leading academic, government institutions and corporations use Web of Science data for **search, discovery and evaluation**.

The IP & Science division of Thomson Reuters was **sold as a standalone business** to Onex Partners in October 2016, to form a **more agile new company**, Clarivate Analytics.

We are now an independent company in our own right, with over 4,000 employees around the world. Our values are **Customer Focus, Performance** and **Trust**.



Back to the Future: Institute for Scientific Information Re-established Within Clarivate Analytics

<https://clarivate.com/blog/news/back-future-institute-scientific-information-re-established-within-clarivate-analytics/>

Institute for Scientific Information

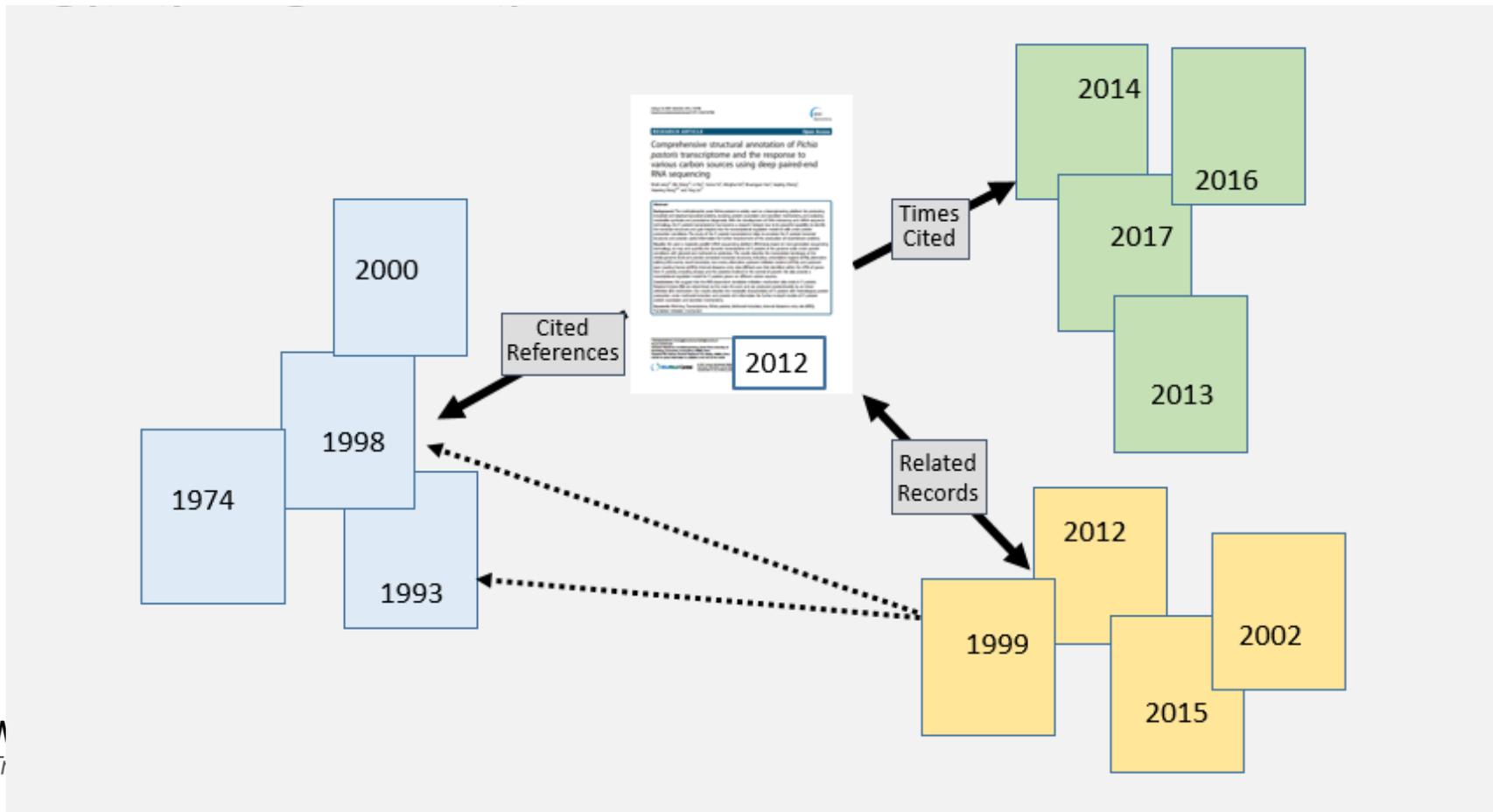


Part 1 <https://www.youtube.com/watch?v=YwPRI9ug6BY>

Part 2 https://www.youtube.com/watch?v=Pi_iURf2f0

Part 3 <https://www.youtube.com/watch?v=h1ij-t5RbnA>

Citation network



Quality

Quantity

Quality

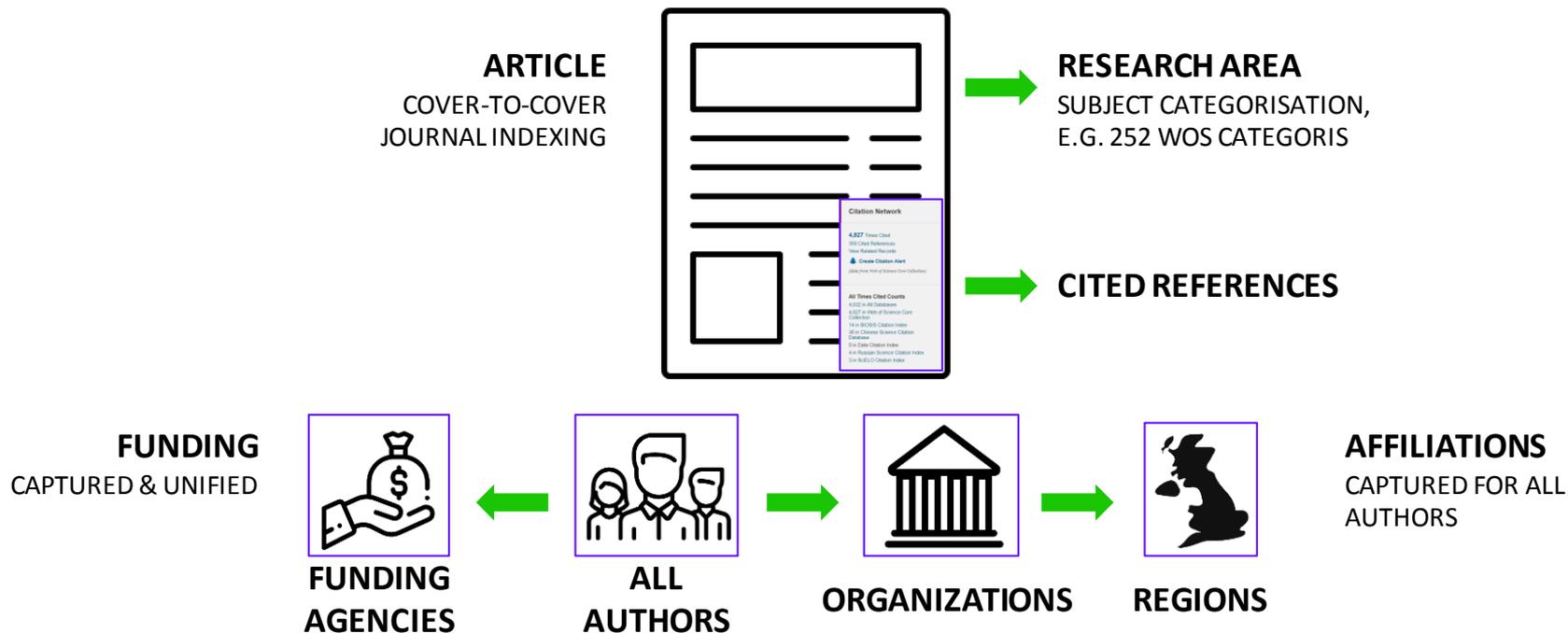
Quantity

Bradford's Law

'A small percentage of journals accounts for a large percentage of what is published. An even smaller percentage accounts for what is cited.'

Cover-to-Cover and consistent Capture of Metadata

Robust Performance Analysis



Web of Science Core Collection journal selection process

Journal Publishing Standards

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

Editorial Content

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

International Diversity

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

Citation Analysis

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

Green = ESCI selection requirements

Black = SCIE/SSCI/AHCI selection

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

Web of Science
Trust the difference

 Clarivate
Analytics

Web of Science Core Collection journal selection process

Journal Publishing Standards

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

Editorial Content

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

International Diversity

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

SELECTIVITY



211 ESCI Titles from ESCI to WOS-3



21 WOS-3 Titles from WOS-3 to ESCI

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



Launched in 2015
+7,300 journals



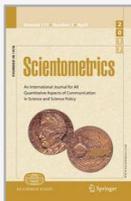
Scientific, Social Science & Humanities
trends and developments



Journals selected & reviewed
by our Editorial Team



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



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

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



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

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

**Web of Science
analytics are the most
accurate and
trusted
source of
research
evaluation**

**Web of Science is the
most
comprehensive
resource — we
value both quality
& quantity**

**We are
independent
and unbiased**

Emerging Sources Citation Index

Emerging Sources Citation Index (ESCI) What was launched in 2017 ?

October 31st

**archives for 4,750
journals
and
1M records,
2005-2014**

December 31st

**archives for 5,000
journals
and
1.4M records,
2005-2014**

December 31st

**7,000 journals
available in ESCI**

May 28th

7,400

SLOVAKIA | Emerging Sources Citation Index Back files

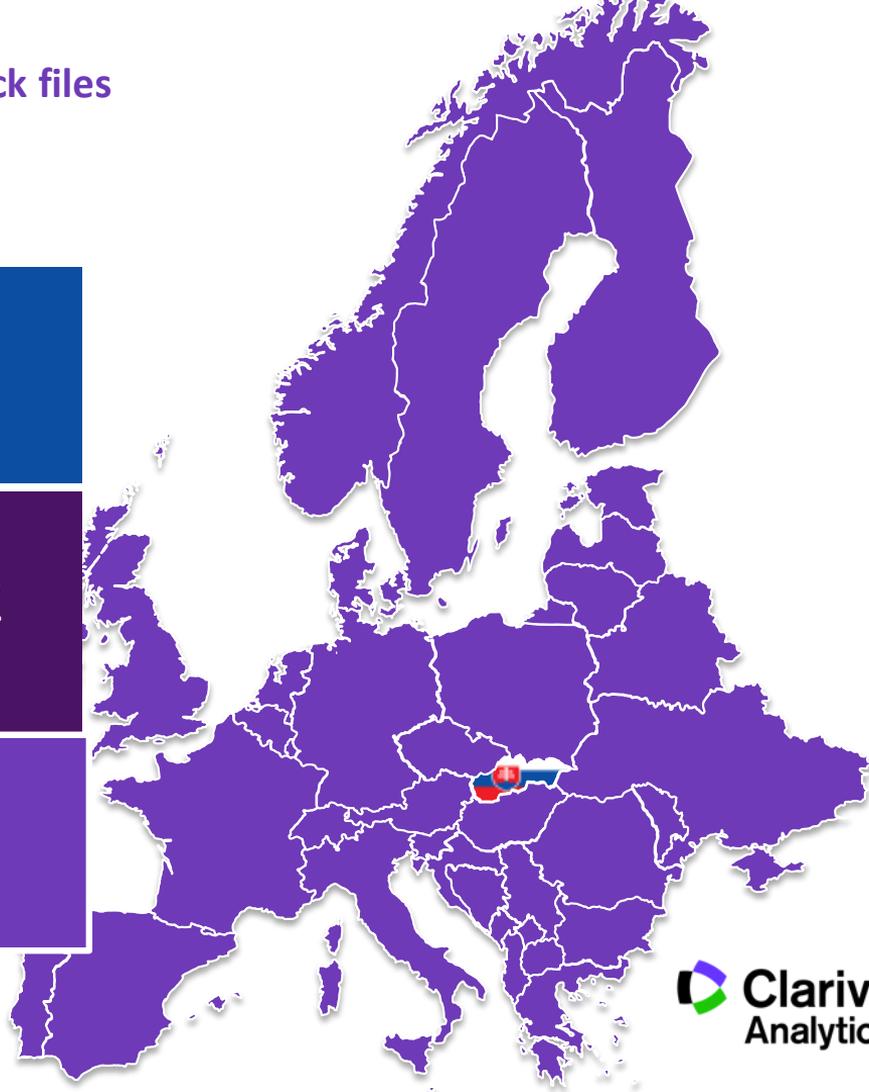
SLOVAKIA

22 ESCI Journals

AU	CZ	HU	DE	PL	UK
23	34	15	266	151	52

EUROPE

3734 ESCI journals

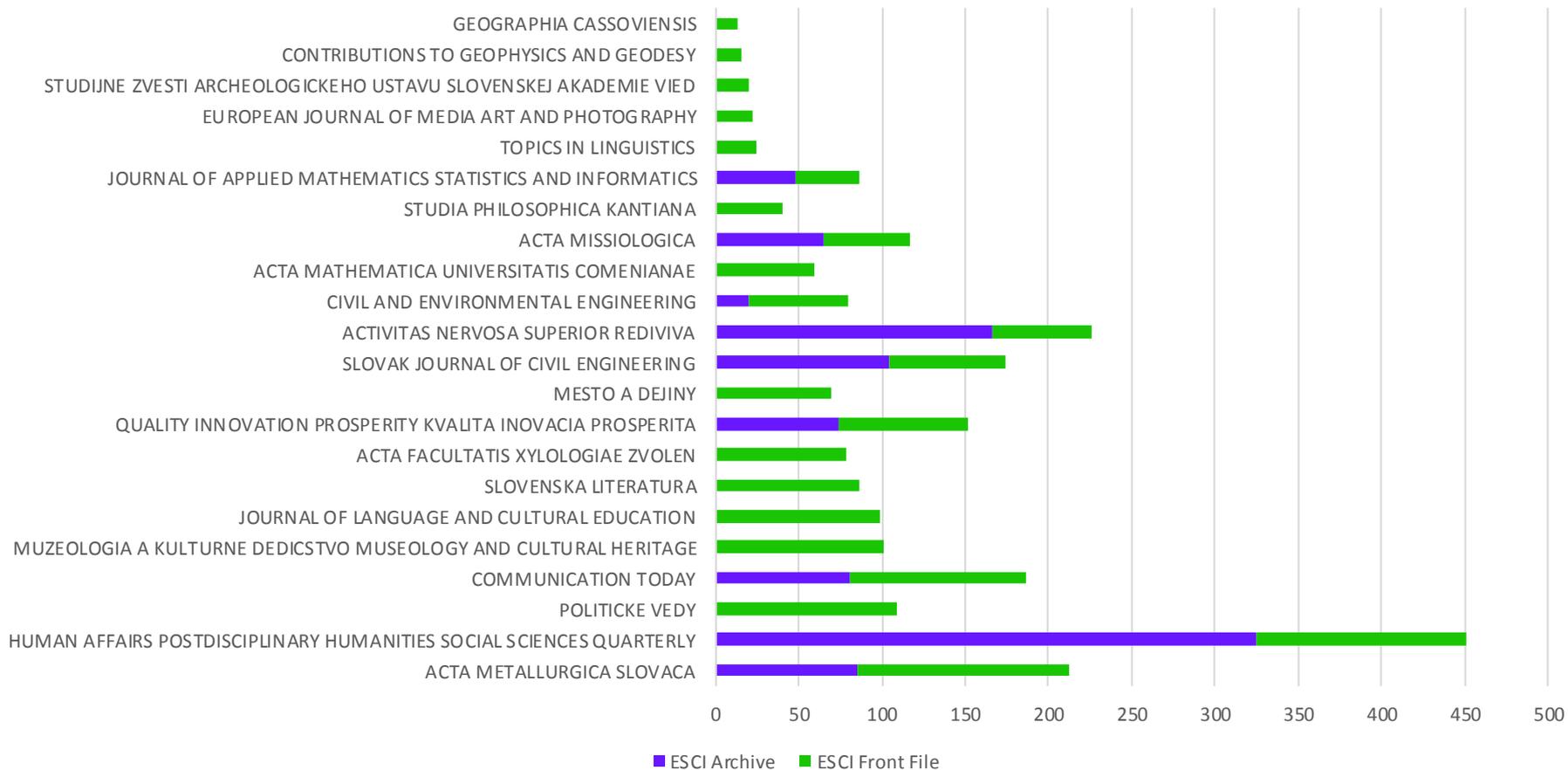


The list of new Slovak Journals in WOS

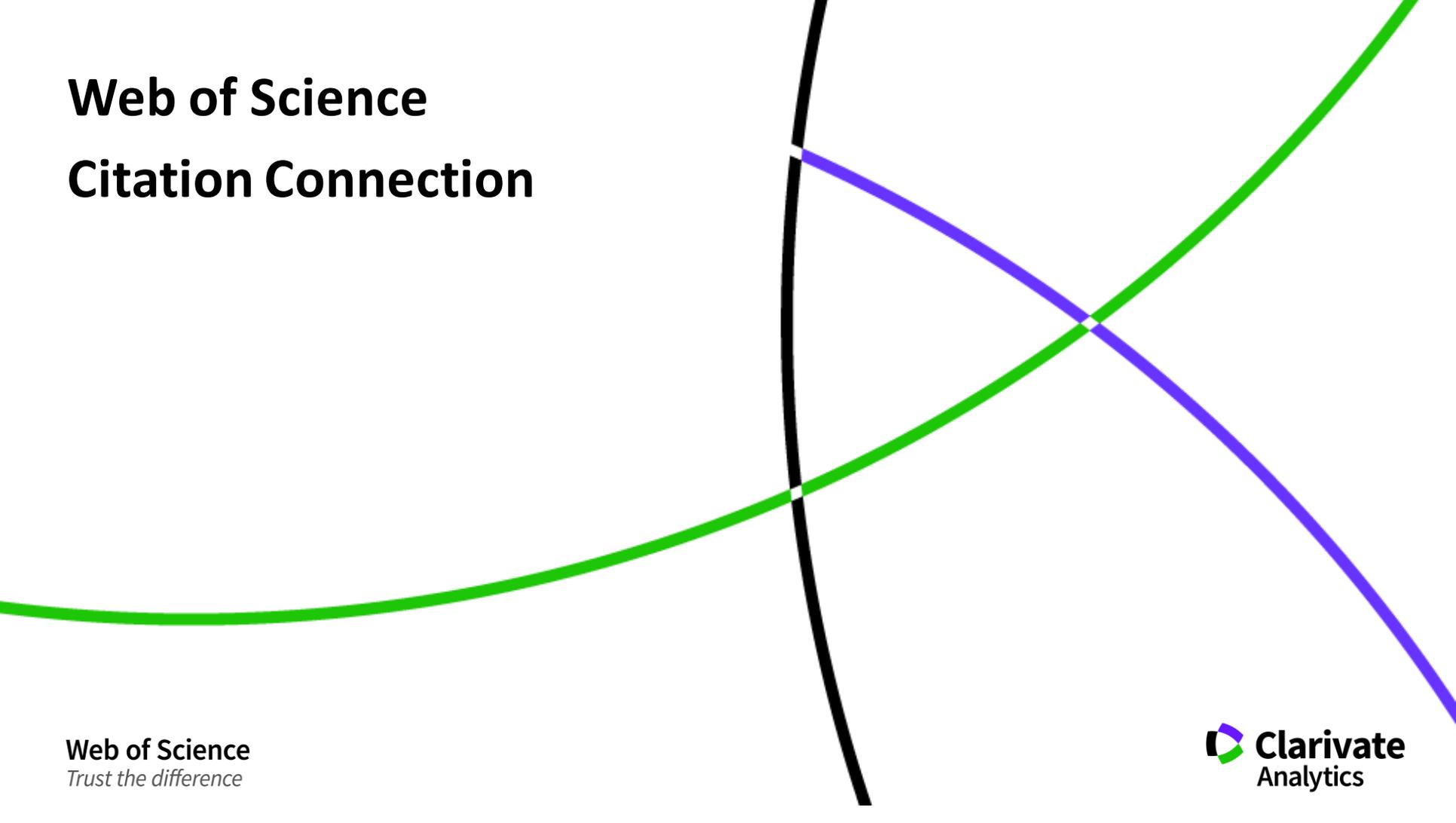
ACTA FACULTATIS XYLOGIAE ZVOLEN (1336-3824);

ACTA MATHEMATICA UNIVERSITATIS COMENIANAE (0231-6986); ACTA METALLURGICA SLOVACA (1335-1532); ACTA
MISSIOLOGICA (1337-7515); ACTIVITAS NERVOSA SUPERIOR REDIVIVA (1337-933X); CIVIL AND
ENVIRONMENTAL ENGINEERING (1336-5835); COMMUNICATION TODAY (1338-130X); EUROPEAN JOURNAL
OF MEDIA ART AND PHOTOGRAPHY (1339-4940); GEOSCAPE (1802-1115); HUMAN AFFAIRS-
POSTDISCIPLINARY HUMANITIES & SOCIAL SCIENCES QUARTERLY (1210-3055); JOURNAL OF APPLIED
MATHEMATICS STATISTICS AND INFORMATICS (1336-9180); JOURNAL OF LANGUAGE AND CULTURAL EDUCATION
(1339-4045); MUZEOLOGIA A KULTURNE DEDICSTVO-MUSEOLOGY AND CULTURAL HERITAGE (1339-2204); POLITICKE
VEDY (1335-2741); QUALITY INNOVATION PROSPERITY-KVALITA INOVACIA PROSPERITA (1335-1745); SLOVAK
JOURNAL OF CIVIL ENGINEERING (1338-3973); SLOVENSKA LITERATURA (0037-6973); STUDIA PHILOSOPHICA
KANTIANA (1338-7758); TOPICS IN LINGUISTICS (1337-7590); QUALITY INNOVATION PROSPERITY – KVALITA
INOVÁCIA PROSPERITA (1335-1745);

The new SLOVAK journals indexed in WOS



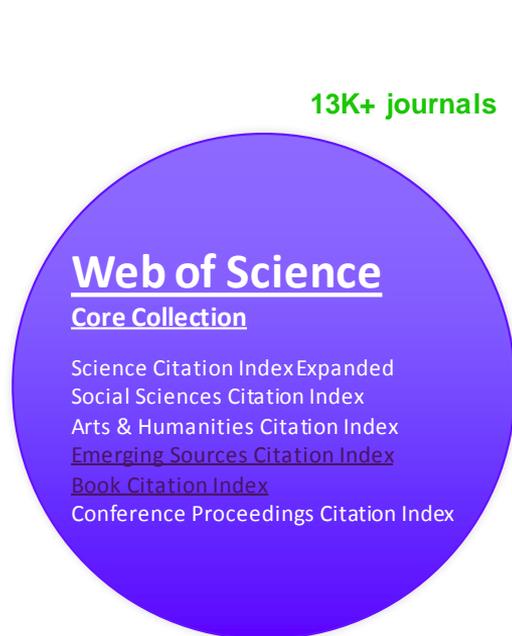
Web of Science Citation Connection



Web of Science
Trust the difference

 **Clarivate**
Analytics

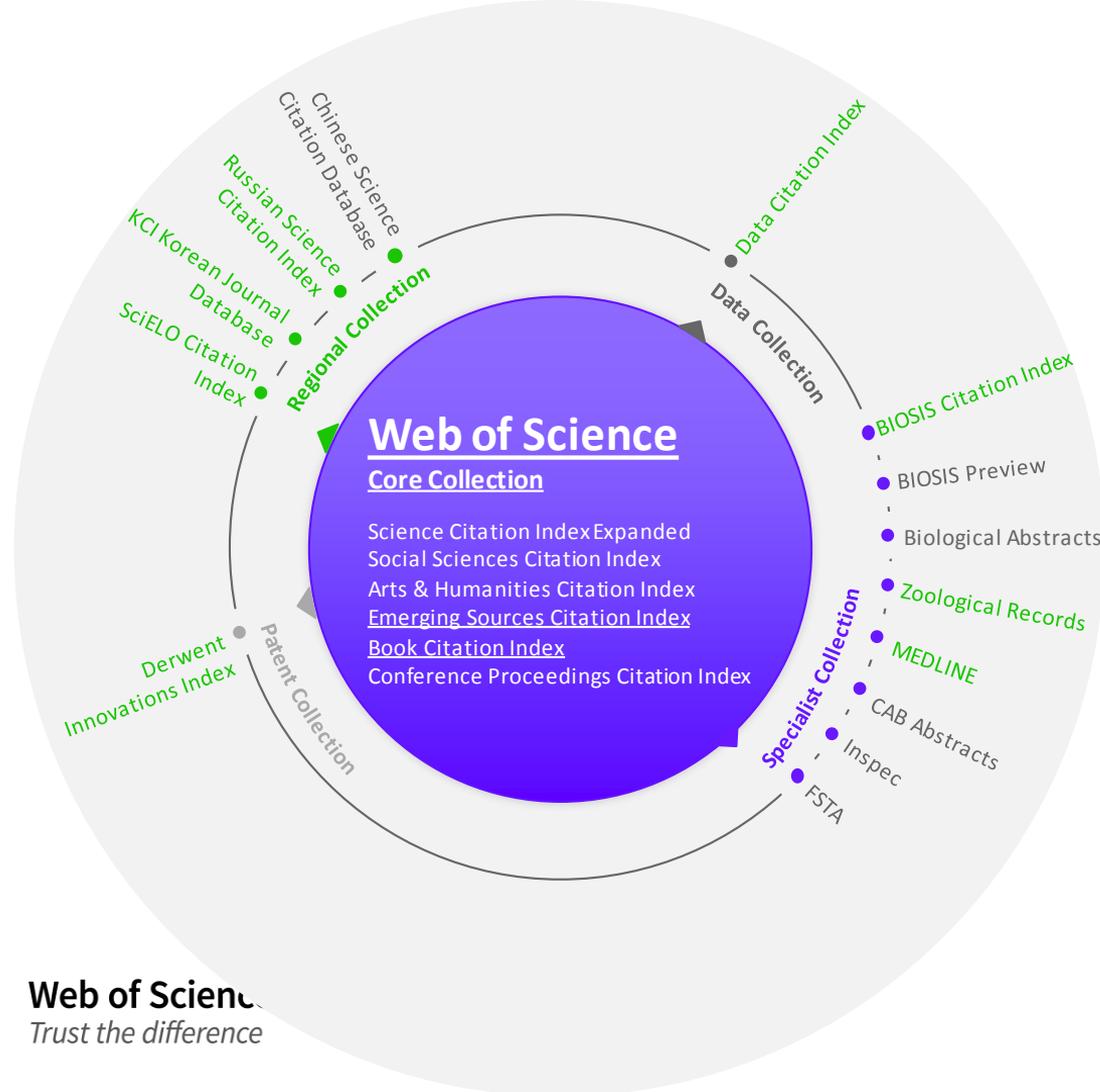
The Web of Science as Slovak Researchers used to know it: The Core Collection 1985-2018



Slovak
Web of Science
Subscription 1985-2017

WoS 3 CI
51+ MILLION unique records
1985-2017

**WoS Core Collection (incl.
Books & Proceedings)**
70+ MILLION unique records
1900-2018

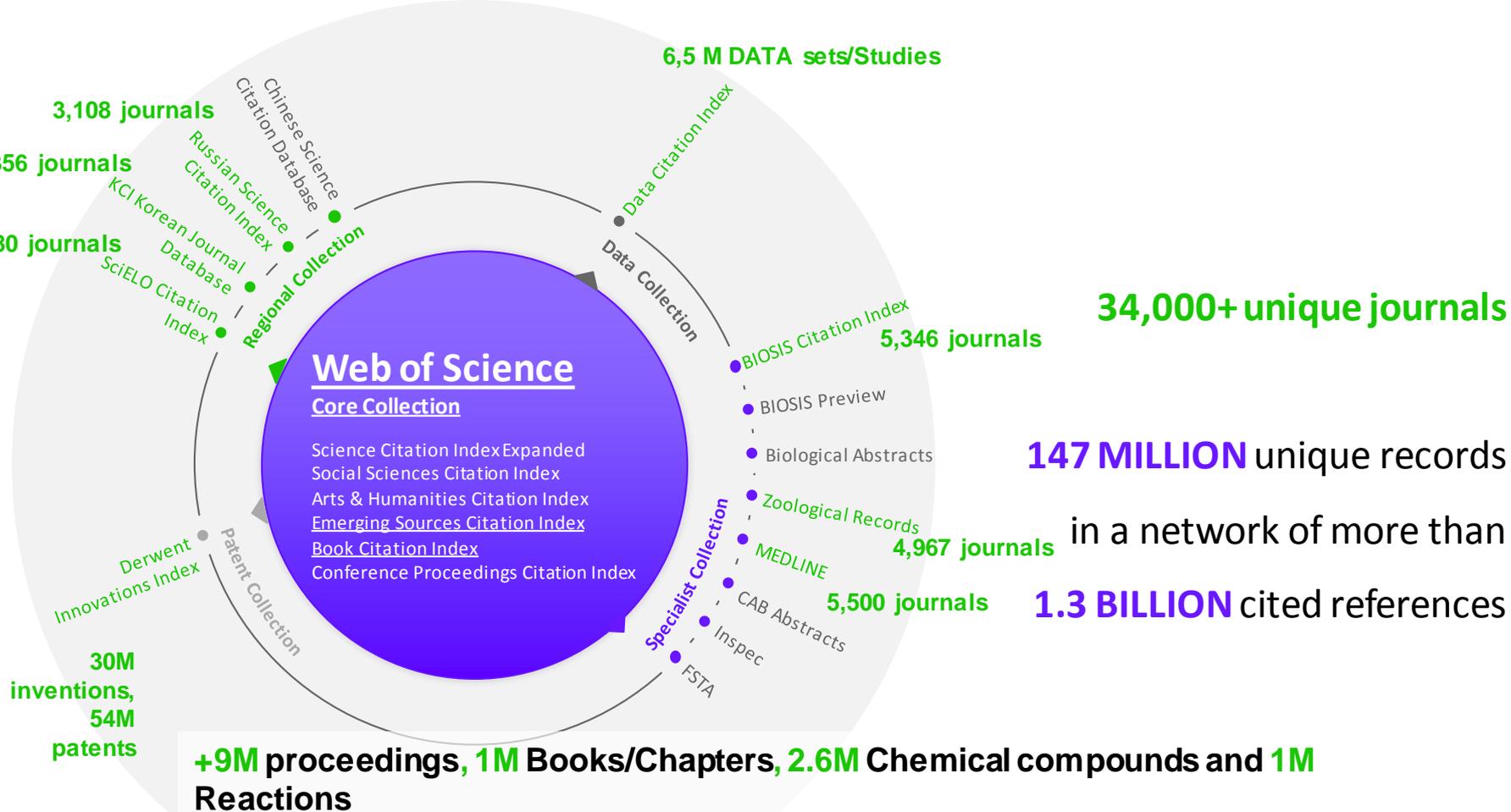


34,000+ unique journals

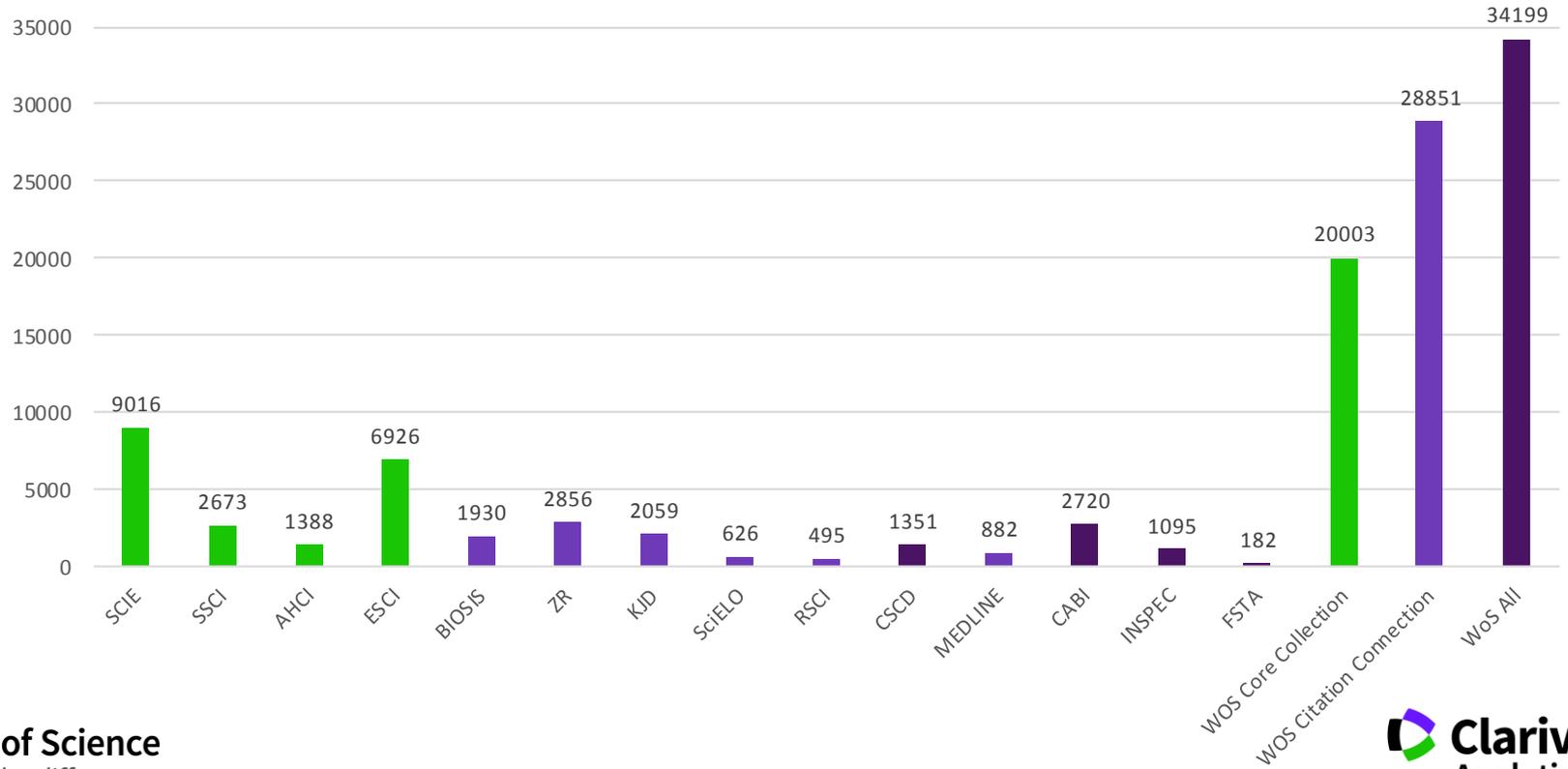
147 MILLION unique records

in a network of more than

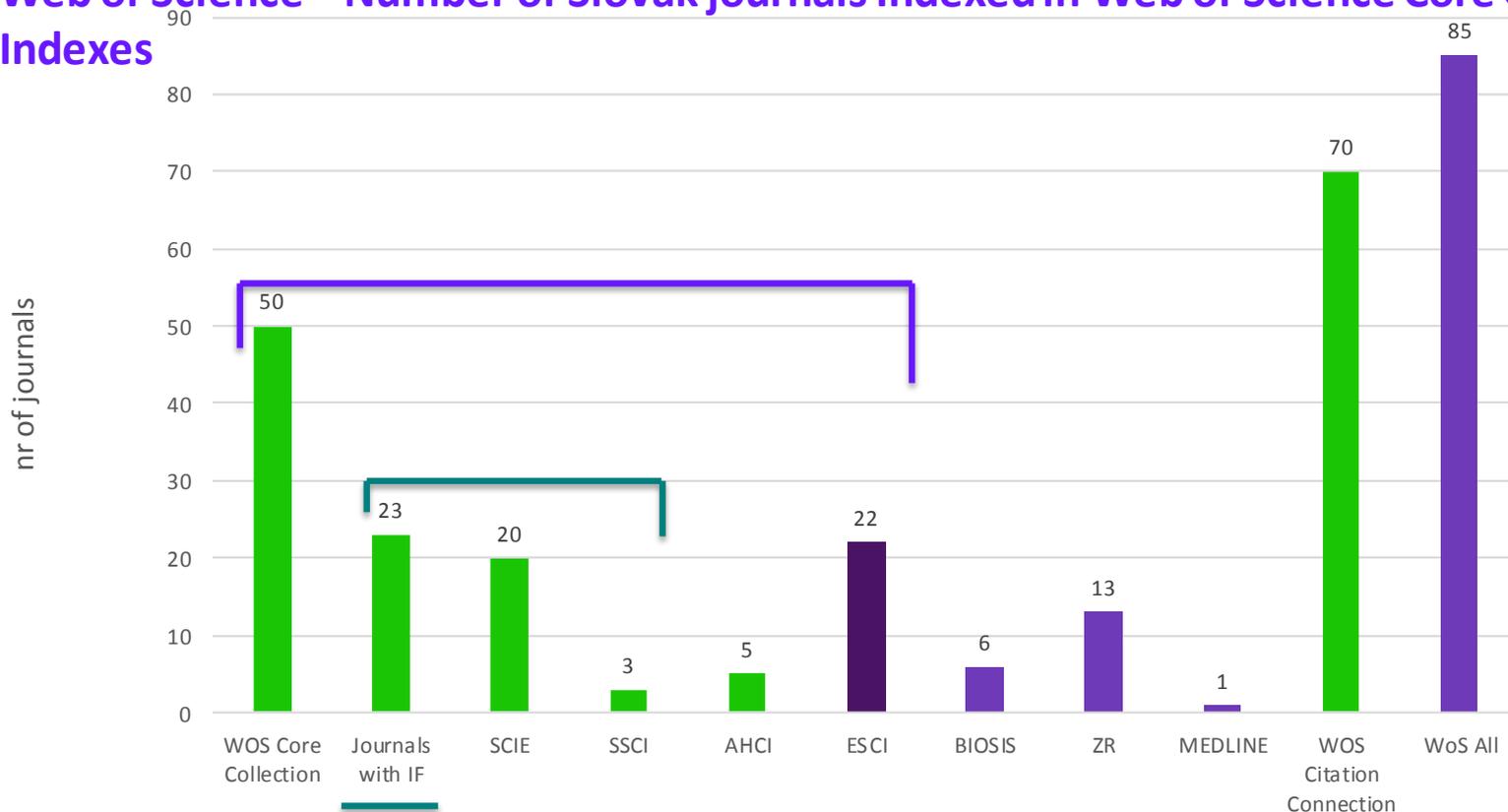
1.3 BILLION cited references



Journals indexed in Web of Science



Web of Science – Number of Slovak journals Indexed in Web of Science Core Collection Indexes

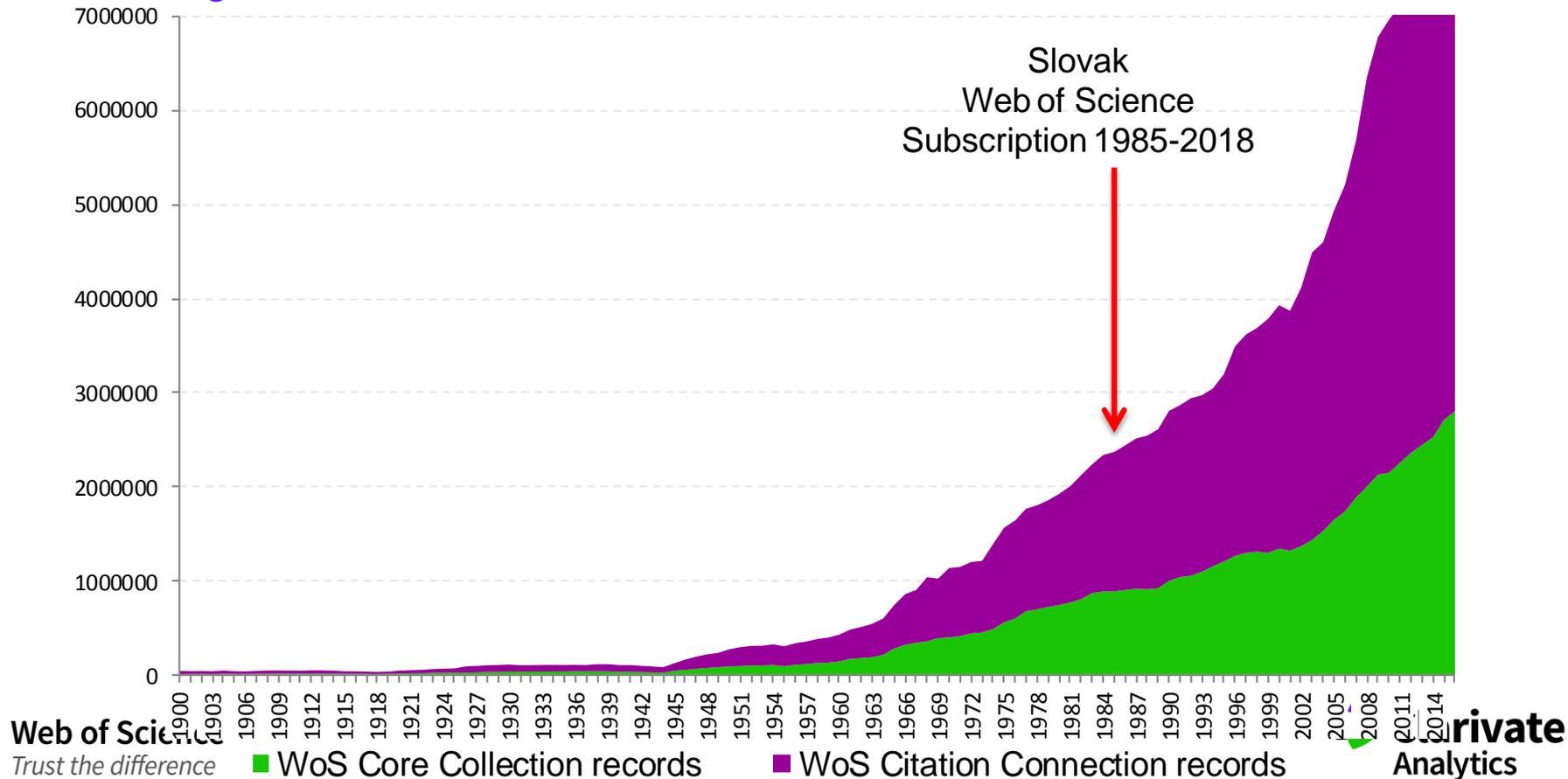


Data as of 5th of February 2018

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

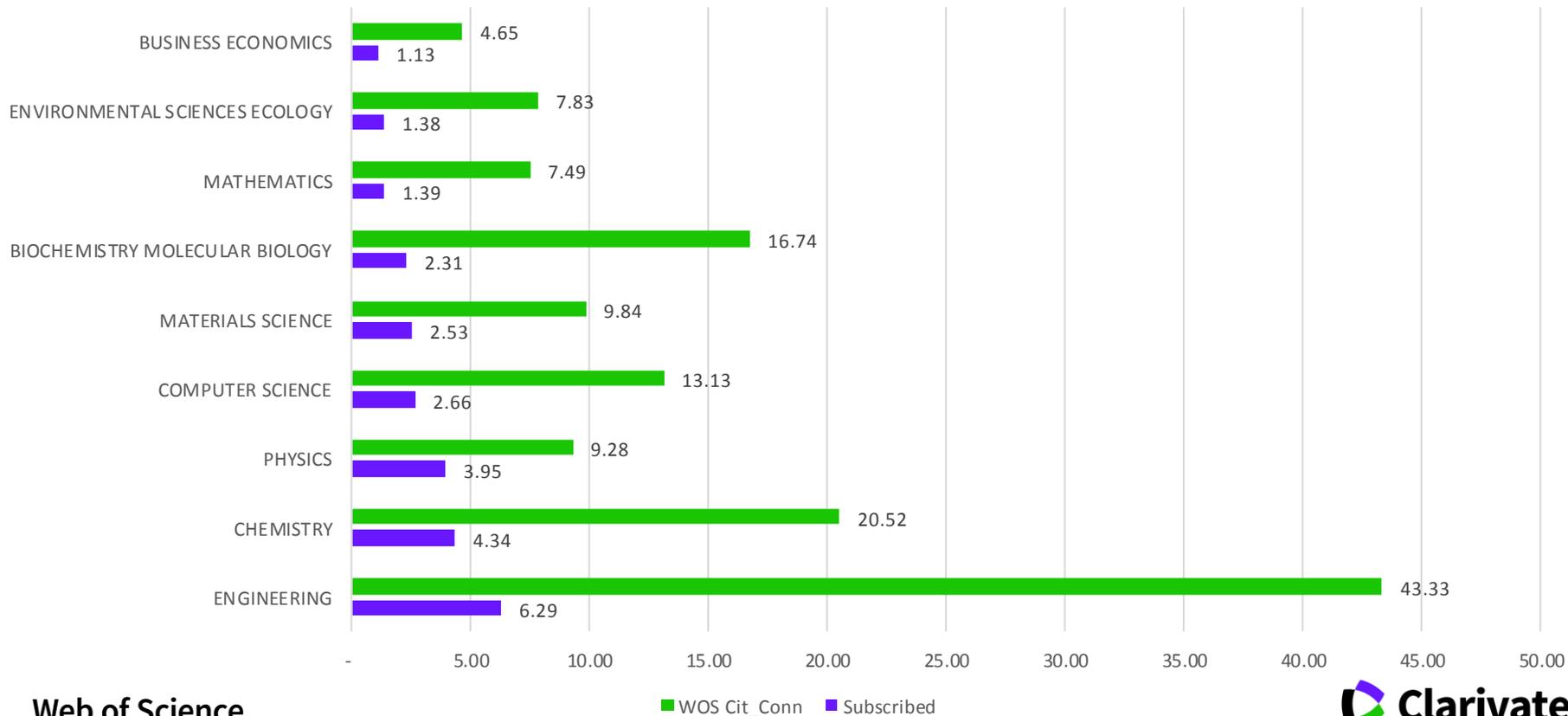
What is the Value of Citation Connection to Slovak Researchers?

Discovering worldwide research



What is the Value of Citation Connection to Slovak Researchers?

Top Research Areas Slovak Researchers publish the most (in millions)



Web of Science Citation Connection

Full Spectrum of various and impactful databases

SCIENCE CITATION INDEX EXPANDED <ul style="list-style-type: none"> • 50 millions docs • 1900-present 	SOCIAL SCIENCES CITATION INDEX <ul style="list-style-type: none"> • 8.9 millions docs • 1900-present 	CONFERENCE PROCEEDINGS CITATION <ul style="list-style-type: none"> 10 millions records • 1990-present 	BOOK CITATION INDEX <ul style="list-style-type: none"> • 1.3 million docs • 2005-present
ARTS&HUMANITIES CITATION INDEX <ul style="list-style-type: none"> • 4.7 millions docs • 1985-present 	CURRENT CHEMICAL REACTIONS <ul style="list-style-type: none"> 241,000 docs 1985-present 	INDEX CHEMICUS <ul style="list-style-type: none"> • 413,000 docs • 1993-present 	EMERGING SOURCE CITATION INDEX <ul style="list-style-type: none"> • 1.4 millions docs • 2005-present
MEDLINE <ul style="list-style-type: none"> • 22 millions docs • 1950-présent 	CURRENT CONTENTS CONNECT <ul style="list-style-type: none"> • 23.4 millions docs • 1998-present 	BIOSIS CITATION INDEX <ul style="list-style-type: none"> • 25 millions docs • 1926-present 	ZOOLOGICAL RECORD <ul style="list-style-type: none"> • 4.2 millions docs • 1864-present
	DATA CITATION INDEX <ul style="list-style-type: none"> • 6.5 millions docs • 1900-present 	DERWENT INNOVATION INDEX <ul style="list-style-type: none"> • 34 millions inventions • 1963-present 	

Some Web of Science Databases do overlap

The Super Article Concept

MEDLINE brings:

- Hierarchical professional indexation
- Mesh Terms
- (Medical Subject Headings)
- Subheadings,
- Topics

BIOSIS indexing:

- Taxonomic Data
- Major Concepts
- Concept Codes
- Impact measurement

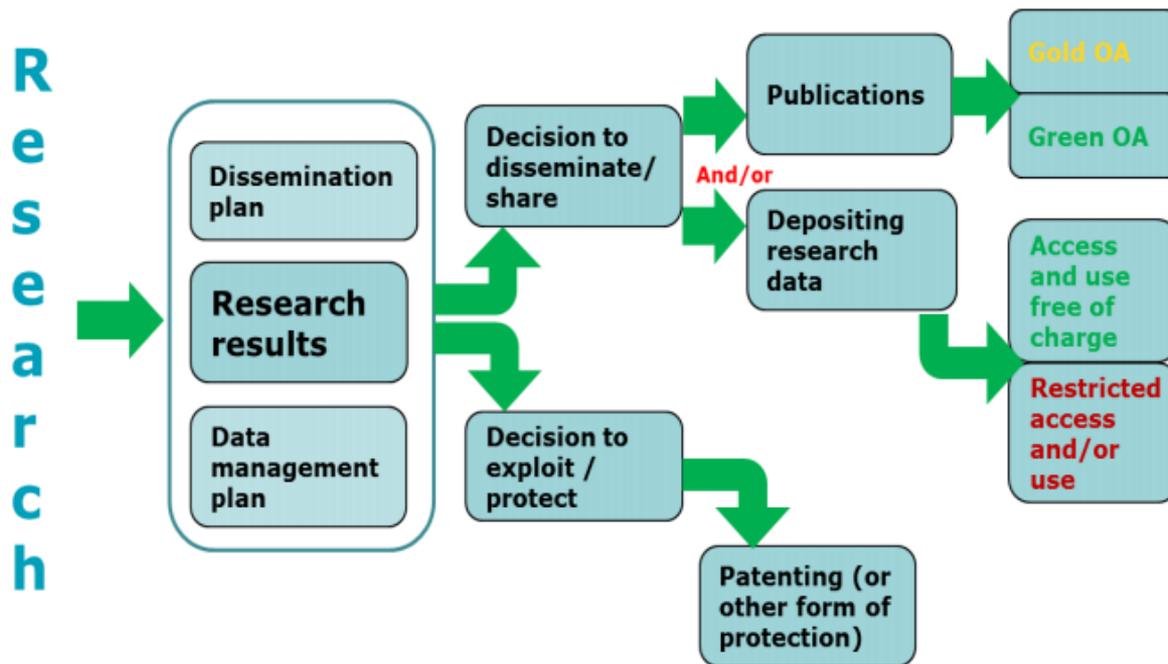
The WoS Core Indexing:

- All authors affiliations
- Unified organizations names
- Author identifiers
- Keywords Plus
- Funding information
- Impact measurement

Web of Science
Trust the difference

Super Article
One unique rich record

Overall scientific dissemination process



Graph: Open access to scientific publication and research data in the wider context of dissemination and exploitation

Web of Science

Trust the difference

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf

Important data to consider for the full picture

TOPIC= “HER2-Positive” AND ((Breast or mammary) and (Cancer* or neoplas* or oncolog*))

<input type="checkbox"/> Web of Science Core Collection (6,414)	<input type="checkbox"/> BIOSIS Previews (3,426)	<input type="checkbox"/> Chinese Science Citation Database SM (128)
<input type="checkbox"/> MEDLINE® (5,170)	<input type="checkbox"/> Biological Abstracts (2,405)	<input type="checkbox"/> KCI-Korean Journal Database (31)
<input type="checkbox"/> Current Contents Connect (3,613)	<input type="checkbox"/> Data Citation Index (268)	<input type="checkbox"/> SciELO Citation Index (15)
<input type="checkbox"/> BIOSIS Citation Index (3,426)	<input type="checkbox"/> Derwent Innovations Index (182)	<input type="checkbox"/> Russian Science Citation Index (8)

Important data to consider for the full picture

Data Citation Index

Data is seen as a source of more reliable knowledge and a source of more legitimate information

337 repositories indexed since launch (Oct 2012) with an overall annual growth rate around **35%**

Open Access Repositories
as per DOAR – Directory of Open Access Repositories.
45,3% are European.

Life Sciences

- nmrshiftdb2 (Germany)
- Gene Expression Omnibus (USA)
- UniProt Knowledgebase (USA)
- ArrayExpress Archive (UK)
- Compendium of Protein Lysine Acetylation (China)
- Protein Data Bank (USA)
- EMAGE gene expression database (UK)
-

Physical Sciences

- Pangaea (Germany)
- U.S. National Oceanogr Data Center
- Australian Antarctic Data Centre
- Crystallography Open Database (Lithuania)
- NOAA Paleoclimatol. (USA)
- National Geophysical Data Center
- Spectral Database for Organic Compounds
- Massbank
-

Social Sciences Arts & Humanities

- Eurostat (Europe)
- ICPSR - Inter University Consortium for Political and Social Research (USA)
- Roper Center (USA)
- Australian Data Archive
- IQSS – The Institute for Quantitative Social Science
- Odum Archive (USA)
- Association of Religion Data Archives
- Michigan Corpus of Academic Spoken English
-

Important data to consider for the full picture

Data Citation Index

Between-sample and within-sample variability in the HER2 status of CTCs in patients with early HER2-positive breast cancer.

From Repository: Figshare

By: Jaeger, BAS; Neugebauer, J; Andergassen, U; Melcher, C; Schochter, F; Mouarray, D; Z

Figshare

DOI: <http://dx.doi.org/10.1371/journal.pone.0173593.t004>

Viewed Date: 15 Sep 2017

Published: 2017

Abstract

Between-sample and within-sample variability in the HER2 status of CTCs in patients with

Keywords

Author Keywords: Cancer; Biotechnology; Cell Biology; breast cancer; Infectious diseases positivity; HER 2 status; HER 2 Expression; HER 2-Positive; axillary lymph node involvement; future follow-up evaluation; randomized phase III trial Background HER 2; HER 2-positive CTC phenotype; translational research project

Web of Science

Trust the difference

PLOS ONE
TENTH ANNIVERSARY

Publish About Browse Search advanced search

< Back to Article

The HER2 phenotype of circulating tumor cells in HER2-positive early breast cancer: A translational research project of a prospective randomized phase III trial

Table 4

Between-sample and within-sample variability in the HER2 status of CTCs in patients with early HER2-positive breast cancer.

	Profile of the HER2 status of CTCs (the number of different HER2 staining intensities in the CTCs of a patient)															
	One HER2 staining intensity				Two HER2 staining intensities				Three HER2 staining intensities				Four HER2 staining intensities			
HER2 status of CTCs (HER2 staining intensity)																
- (negative)	+				+	+	+					+	+	+		+
+ (weak)		+				+		+	+			+	+		+	+
++ (moderate)			+			+		+		+		+		+	+	+
+++ (strong)				+				+		+		+		+	+	+
Number of CTCs detected																
1 (n = 109)	19	15	19	56												
2 (n = 65)	4	6	14	13	2	2	6	6	2	10						
3 (n = 38)	4		3	10		1	3	3	1	9			1	1	2	
4 (n = 12)				1	2		1		1	3			2	1		1
5 or more (n = 34)	4			2		2	2	1	7	2	2	6	3	3		
Total (n = 258)	31	21	37	83	2	4	11	12	4	29	2	5	8	5	4	

<https://doi.org/10.1371/journal.pone.0173593.t004>

Important data to consider for the full picture

Derwent Patent Database

Granted Patents and Patent
Applications from **40+**
Patent Offices

35 million
patent families

96,000 patents
processed by Clarivate Analytics
per week

74 million
patent documents

In *Derwent World Patents Index (DWPI)*, **the use and advantage of a patent are clearly stated – not buried within an original patent document**. Using *DWPI*, organizations worldwide are able to find the whitespace, see what their competitors are doing and understand their own IP

Important Data to consider for the full picture

The “Derwent patent” - a 2 pages Summary manually written and indexed by Editorial PhD specialists

Patent number: WO2018005418

Derwent Enhanced Title In clear and detailed English

New crystalline form B6 of neratinib base with specific powder X-ray diffraction patterns, is human epidermal growth factor receptor (HER)-2 inhibitor used to treat HER2-positive solid tumor e.g. breast cancer and non-small cell lung cancer

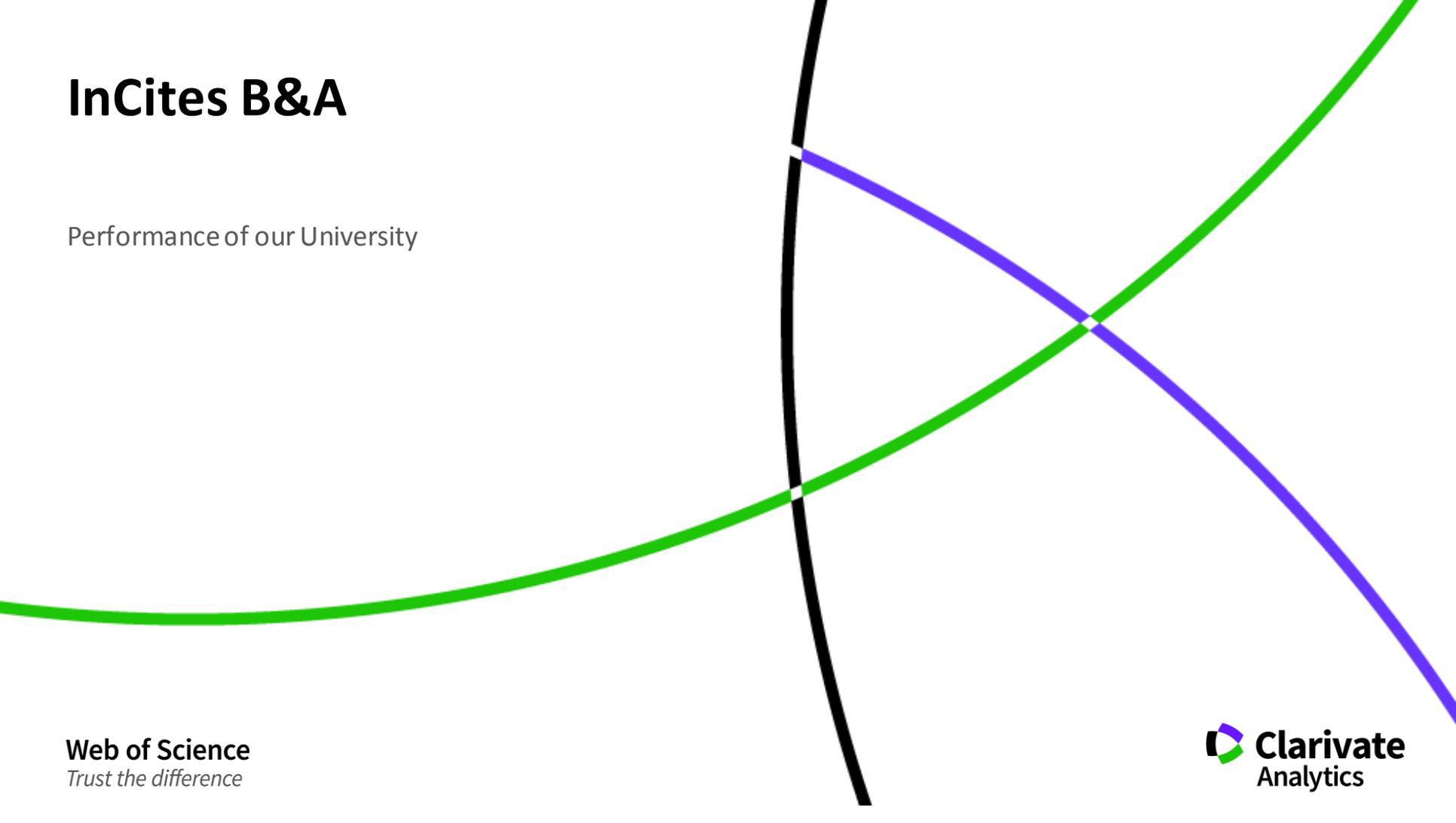
Original Patent Title

Solid state forms of neratinib and salts thereof

<https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2018005418>

InCites B&A

Performance of our University



Source data

Science Citation Index Expanded

Social Sciences Citation Index

Arts & Humanities Citation Index

Conference Proceedings Citation Index

Book Citation Index

Emerging Sources Citation Index

InCites

- ✓ Updated each month
- ✓ Data available till March 2018
- ✓ Unified organizations –
Organization Enhanced Names
- ✓ ESCI index included May 2018

Unification is essential

Matej Bel University

Author Information

Reprint Address: Zimka, R (reprint author)

- Matej Bel Univ, Fac Econ, Banska Bystrica, Slovakia.

Organization-Enhanced Name(s)

Matej Bel University

Addresses:

- [1] Chuo Univ, Fac Econ, Tokyo, Japan
- [2] Comenius Univ, Fac Math & Informat, Bratislava, Slovakia
- [3] Matej Bel Univ, Fac Econ, Banska Bystrica, Slovakia

Organization-Enhanced Name(s)

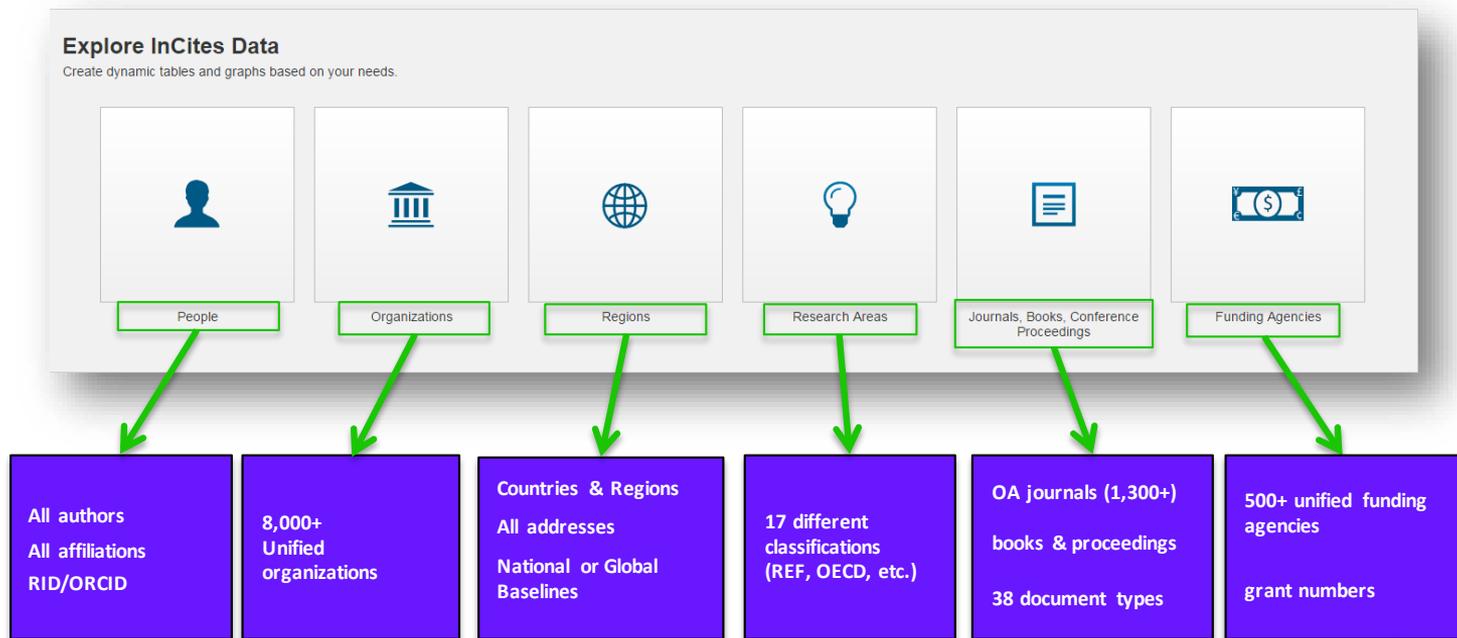
Matej Bel University

E-mail Addresses: rudolf.zimka@umb.sk

MATEJ BEL UNIV	BANSKA BYSTRICA, SLOVAKIA
MATTHIAS BELIUS UNIV	BANSKA BYSTRICA, SLOVAKIA
MBU	BANSKA BYSTRICA, SLOVAKIA
PEDAG FAC	KOSICE, SLOVAKIA
PEDAG FAC BANSKA BYSTRICA	SELICE, SLOVAKIA
RES INST MATEJ BEL UNIV	BANSKA BYSTRICA, SLOVAKIA
UMB	BANKSA BYSTRICA, SLOVAKIA
UMB	BANSKA BYSTRICA, SLOVAKIA
UNIV M BELA	BANSKA BYSTRICA, SLOVAKIA
UNIV MATEJ BALL	BANSKA BYSTRICA, SLOVAKIA
UNIV MATEJ BEL	BANSKA BYSTRICA, SLOVAKIA
UNIV MATEJA BELA	BANKSA BYSTRICA, SLOVAKIA
UNIV MATEJA BELA	BANSKA BYSTRICA, SLOVAKIA
UNIV MATEJA BELA	BANSKEJ BYSTRICI, SLOVAKIA
UNIV MATEJA BELA BANSKEJ BYSTRICI	BANSKA BYSTRICA, SLOVAKIA
UNIVERZITY MATEJA BELA	BANSKA BYSTRICA, SLOVAKIA

Using InCites Benchmarking & Analytics

38 years of world leading science from WoS Core Collection (1980-2018)
peer-reviewed journals, scholar books and conference proceedings



Example of analyses
Matej Bel University

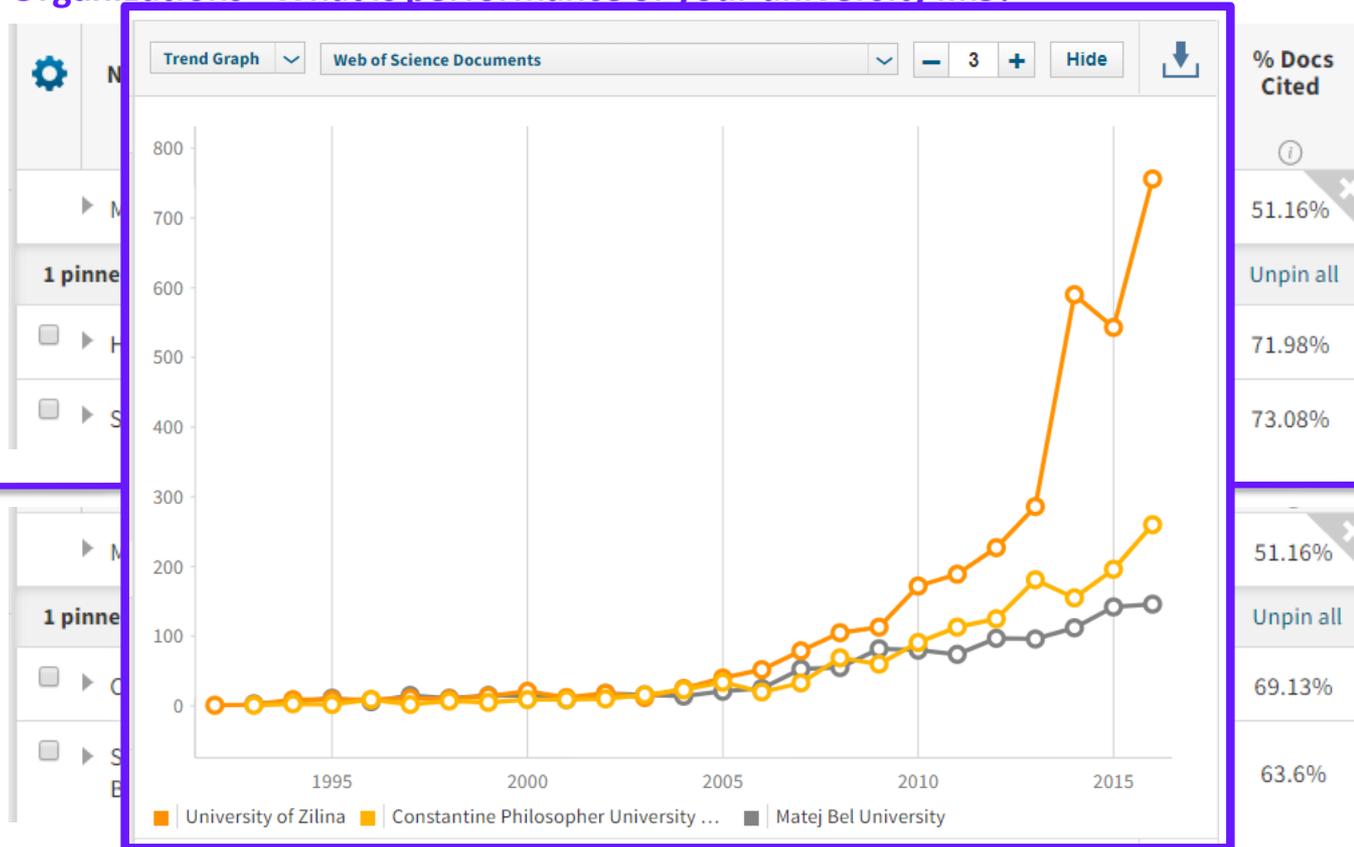
Organizations - What is performance of your university like?

	Name	Rank	Web of Science Documents <small>(i)</small>	Category Normalized Citation Impact <small>(i)</small>	▼ Times Cited <small>(i)</small>	% Docs Cited <small>(i)</small>
▶	Matej Bel University	n/a	1,255	0.78	4,271	51.16% 
1 pinned items						Unpin all
<input type="checkbox"/>	▶ Harvard University	1	657,625	2.15	25,593,187	71.98%
<input type="checkbox"/>	▶ Stanford University	2	270,555	2.26	10,223,684	73.08%

▶	Matej Bel University	12	1,255	0.78	4,271	51.16% 
1 pinned items						Unpin all
<input type="checkbox"/>	▶ Comenius University Bratislava	1	19,923	0.92	227,767	69.13%
<input type="checkbox"/>	▶ Slovak University of Technology Bratislava	2	13,581	0.67	106,730	63.6%

Obtain the results for single institution, multiple institutions or the specific list base on chosen criteria.

Organizations - What is performance of your university like?



All data in result lists might be visualized. Choose type of visualization (up to 10) and metric (up to 27) which fulfill your requirements.

Research field - Define strong research fields of your institution.

	Name	Rank	Web of Science Documents	Category Normalized Citation Impact	▼ Times Cited	% Docs Cited
						
<input type="checkbox"/>	▶ MATHEMATICS	1	149	0.9	995	73.83%
<input type="checkbox"/>	▶ CHEMISTRY, PHYSICAL	2	54	0.68	575	90.74%
<input type="checkbox"/>	▶ PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	3	39	0.71	450	89.74%
<input type="checkbox"/>	▶ ECONOMICS	4	176	1.42	375	43.75%
<input type="checkbox"/>	▶ PHYSICS, NUCLEAR	5	37	0.95	276	86.49%

Obtain the research fields with highest CNCI.

	Name	Rank	Web of Science Documents	▼ Category Normalized Citation Impact	Times Cited	% Docs Cited
						
<input type="checkbox"/>	▶ AGRONOMY	1	2	6.68	1	50%
<input type="checkbox"/>	▶ ENGINEERING, CHEMICAL	2	2	3.72	8	100%
<input type="checkbox"/>	▶ BUSINESS, FINANCE	3	40	3.58	48	55%
<input type="checkbox"/>	▶ ASTRONOMY & ASTROPHYSICS	4	6	2.93	59	83.33%
<input type="checkbox"/>	▶ ENGINEERING, ENVIRONMENTAL	5	3	2.7	12	66.67%

Research field - Define strong research fields of your institution.

⚙	Name	Rank	Web of Science Documents	▼ Category Normalized Citation Impact	Times Cited	% Docs Cited
			<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>
<input type="checkbox"/>	▶ AGRONOMY	1	2	6.68	1	50%
<input type="checkbox"/>	▶ ENGINEERING, CHEMICAL	2	2	3.72	8	100%
<input type="checkbox"/>	▶ BUSINESS, FINANCE	3	40	3.58	48	55%
<input type="checkbox"/>	▶ ASTRONOMY & ASTROPHYSICS	4	6	2.93	59	83.33%
<input type="checkbox"/>	▶ ENGINEERING, ENVIRONMENTAL	5	3	2.7	12	66.67%

Obtain the research fields with highest CNCI.

Apply thresholds to get comparable sample of results

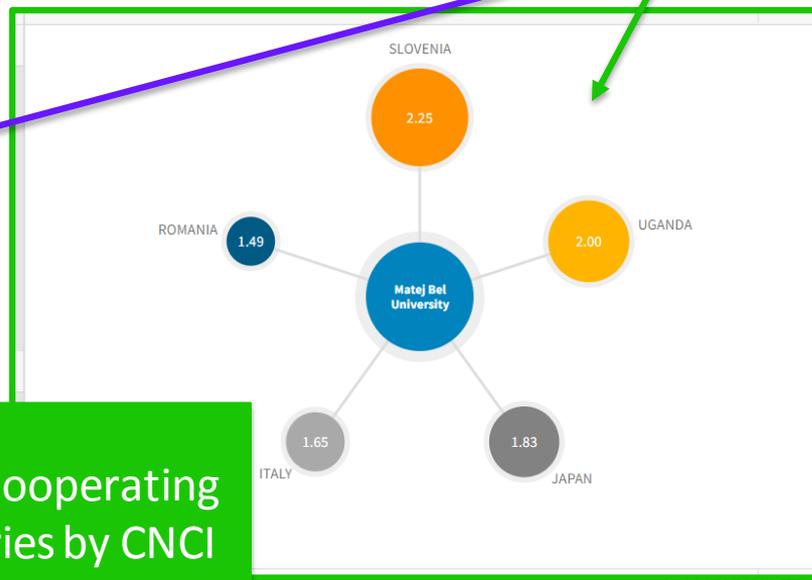
	Web of Science Documents	▼ Category Normalized Citation Impact	Times Cited	% Docs Cited
	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>
▶ BUSINESS, FINANCE	3	40	48	55%
▶ MATERIALS SCIENCE, PAPER & WOOD	7	14	46	85.71%
▶ ECONOMICS	13	176		
▶ MANAGEMENT	17	70		
▶ PHYSICS, NUCLEAR	25	37		

Research fields where no. of WOS documents > 35

Region - Define your international collaboration – regional level

	Name	Rank	Web of Science Documents	Category Normalized Citation Impact	▼ Times Cited	% International Collaborations
	▶ Matej Bel University	1	1,255	0.78	4,271	34.9%

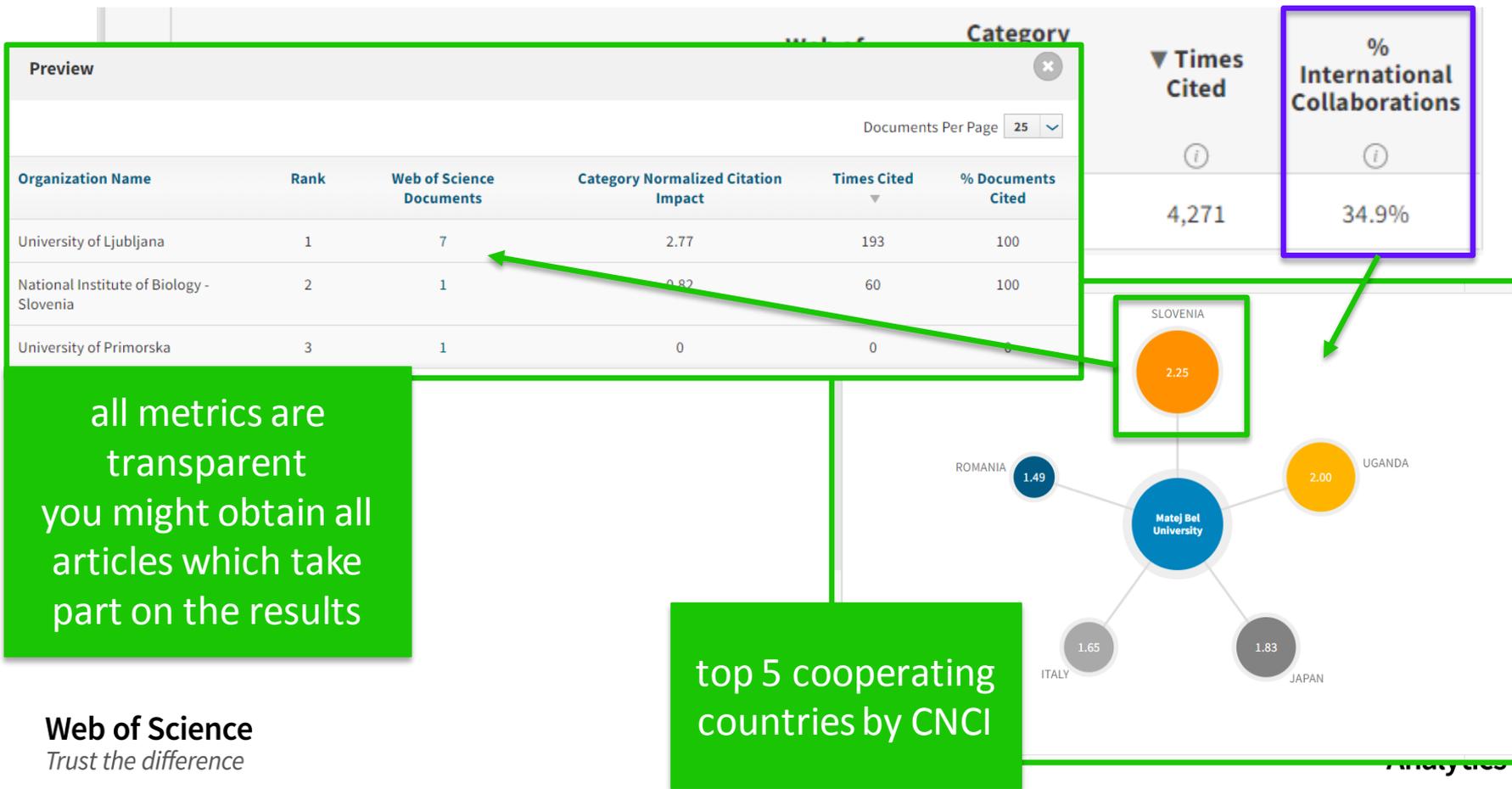
	Name	Rank	Web of Science Documents	Category Normalized Citation Impact	▼ Times Cited	% Docs Cited
	▶ CZECH REPUBLIC	1	138	0.98	686	60.87%
	▶ UNITED KINGDOM	2	49	1.19	370	75.51%
	▶ ENGLAND	2	47	1.24	370	78.72%
	▶ USA	4	30	1.05	353	83.33%
	▶ RUSSIA	5	37	1.29	286	70.27%



top 5 cooperating countries by Times cited count

top 5 cooperating countries by CNCI

Region - Define your international collaboration – regional level



Thank you for your attention

Radek Budzichowski
Account Manager CEE

-
radek.budzichowski@Clarivate.com

Josef Jílek
Solution Specialist

-
josef.jilek@Clarivate.com

Web of Science
Trust the difference

 **Clarivate**
Analytics