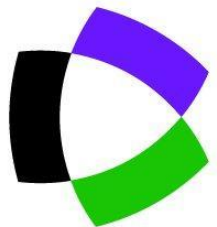


Open Access Publications

Overview of current WoS status

Focus on Open Science conference
Budapest, November 2017

Agenda



1. Clarivate Analytics
2. Web of Science Universe and journals selection
3. Gold Open Access numbers and figures
4. Two big news: ESCI and OAdoi
5. New figures: a projection

To understand the future of Open Access you need to analyze its past performance and you can only do that with appropriate data in an agnostic and neutral environment

Clarivate Analytics



Clarivate
Analytics

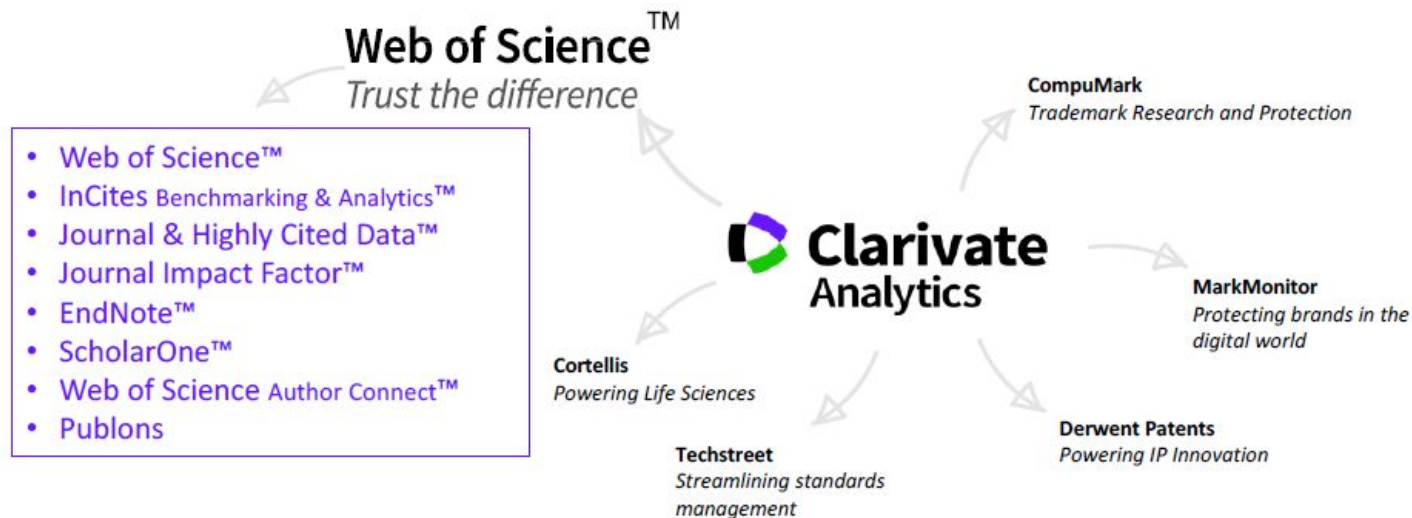
Institute for
Scientific
Information
(1958)

Thomson Scientific
(1992)

Thomson Reuters
(2002)

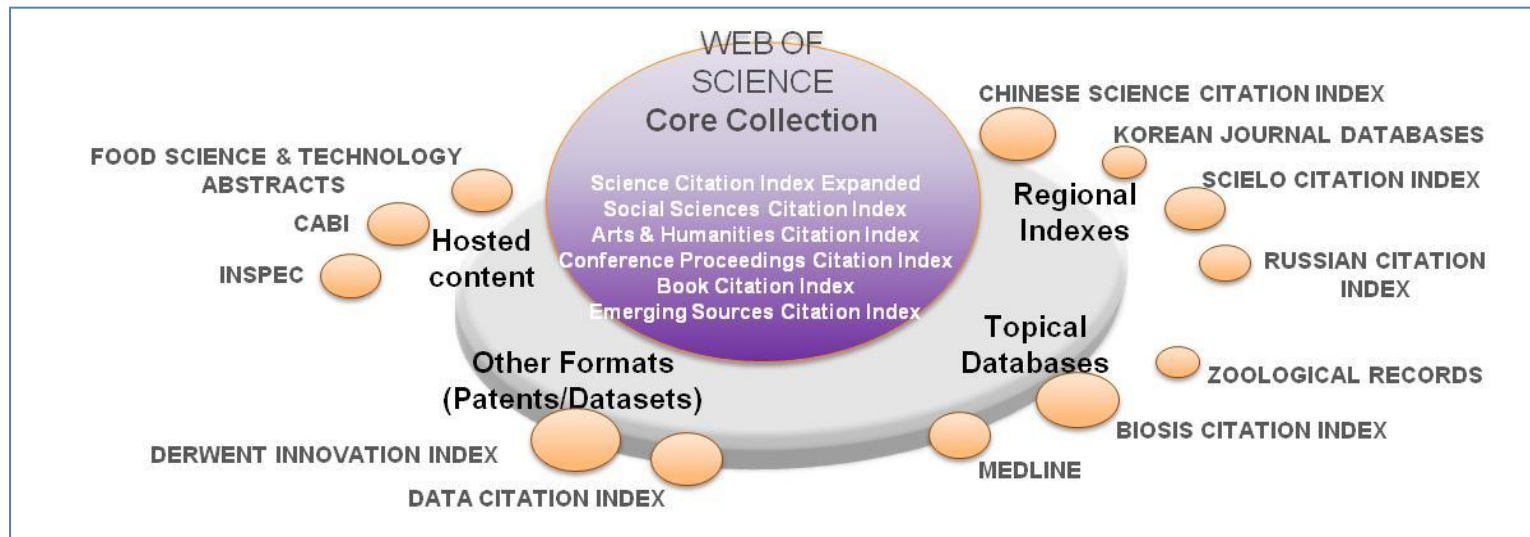
 **Clarivate**
Analytics

Clarivate Analytics

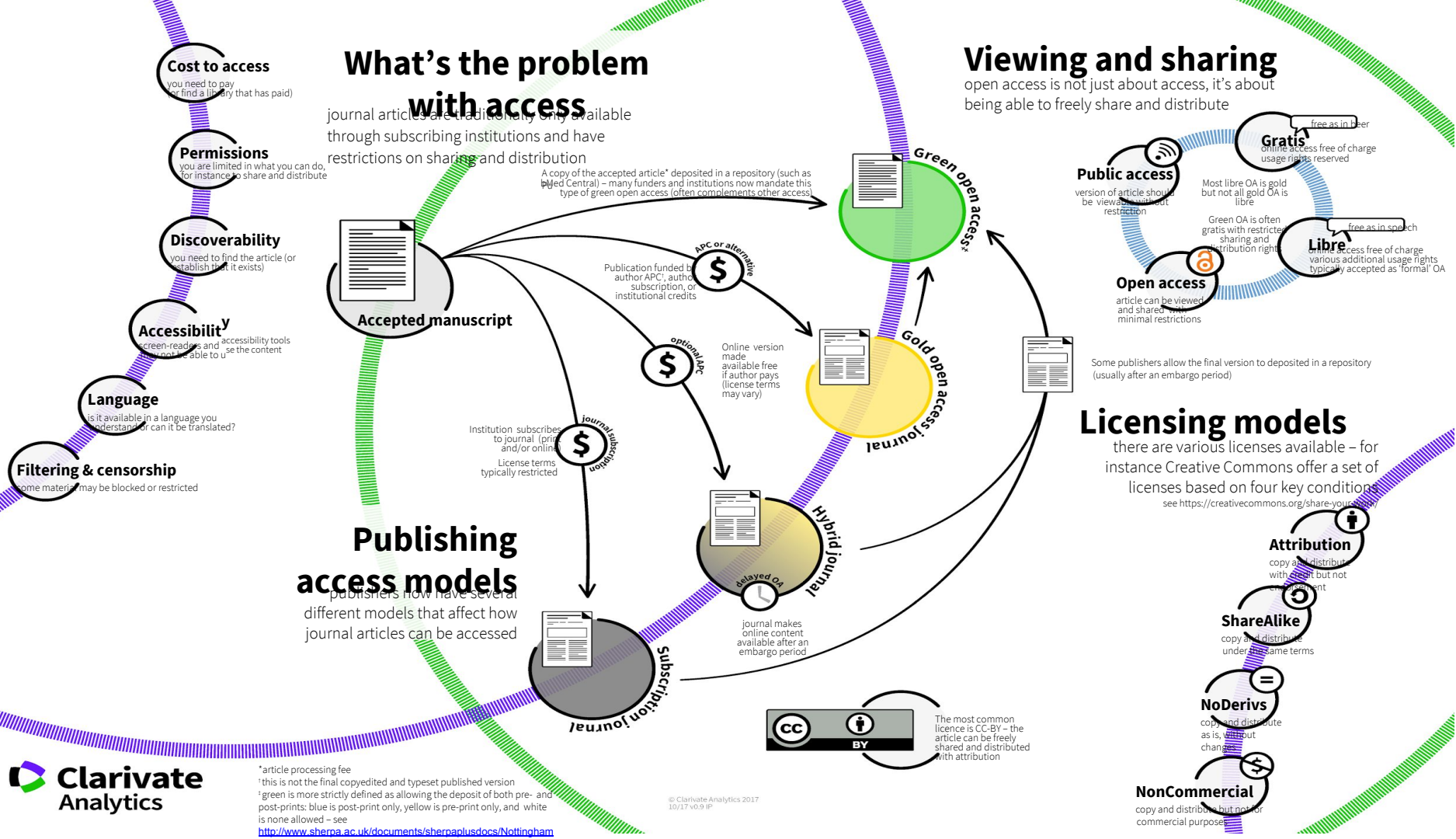


The Web of Science Universe

102 Million unique publication records 33,000+ Unique active journals
30M Inventions from 54M patents 7M Datasets/Data studies



16 Databases in a **citation network** of more than
1.4 BILLION cited references



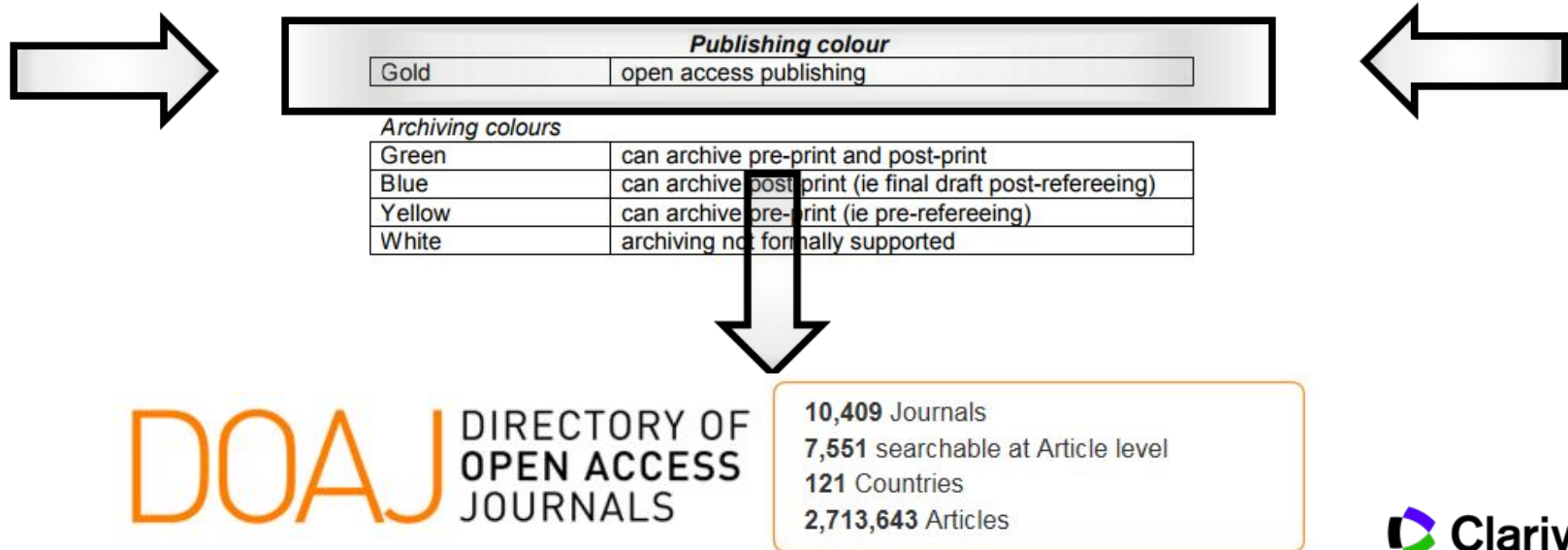
Are open access
journals selected
differently?

NO

Are open access journals selected differently? OA is entirely compatible with peer review and with our standard selection process



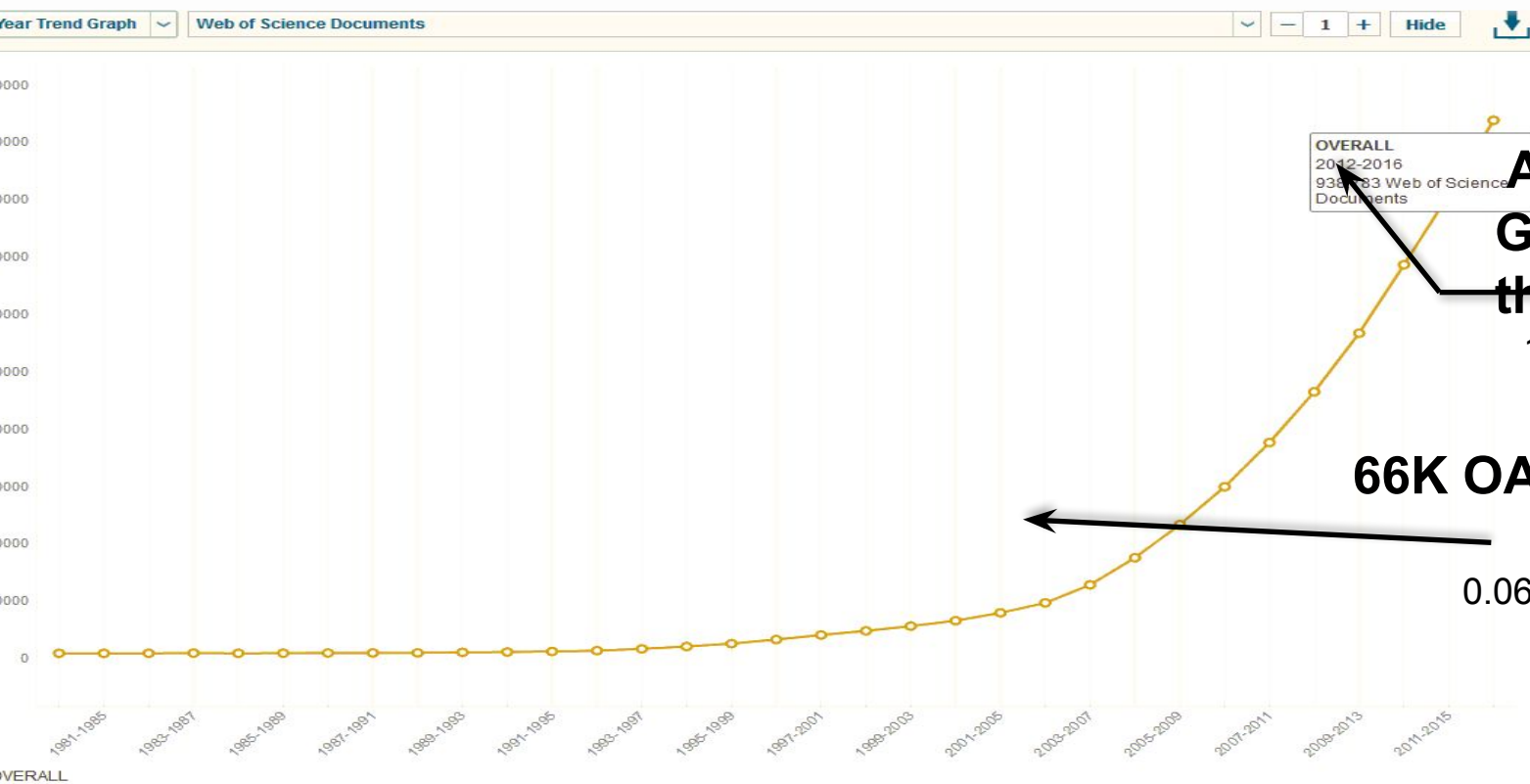
What does it mean Open Access in this very moment on WoS-CC ?



OA Gold presence on Web of Science

EDITION	# OA Titles	# WoS Edition (Total)	% OA by Edition
SCIE	987	8,888	11%
SSCI	173	3,265	5%
AHCI	83	1,785	5%
WOS-3	1,179	12,884	9%
BIOSIS	515	5,356	10%
ZR	382	4,929	8%
SCIELO	577	994	58%

How has open access grown so far?



Around 1M OA Gold articles in the last 5 years

1 out of 12 M: ~ 8,5%

66K OA Gold articles in 2000-2004

0.066 out of 7M: ~ 0,01%

Comparing Hungary and surrounding countries in Gold OA

HUNGARY

AUSTRIA

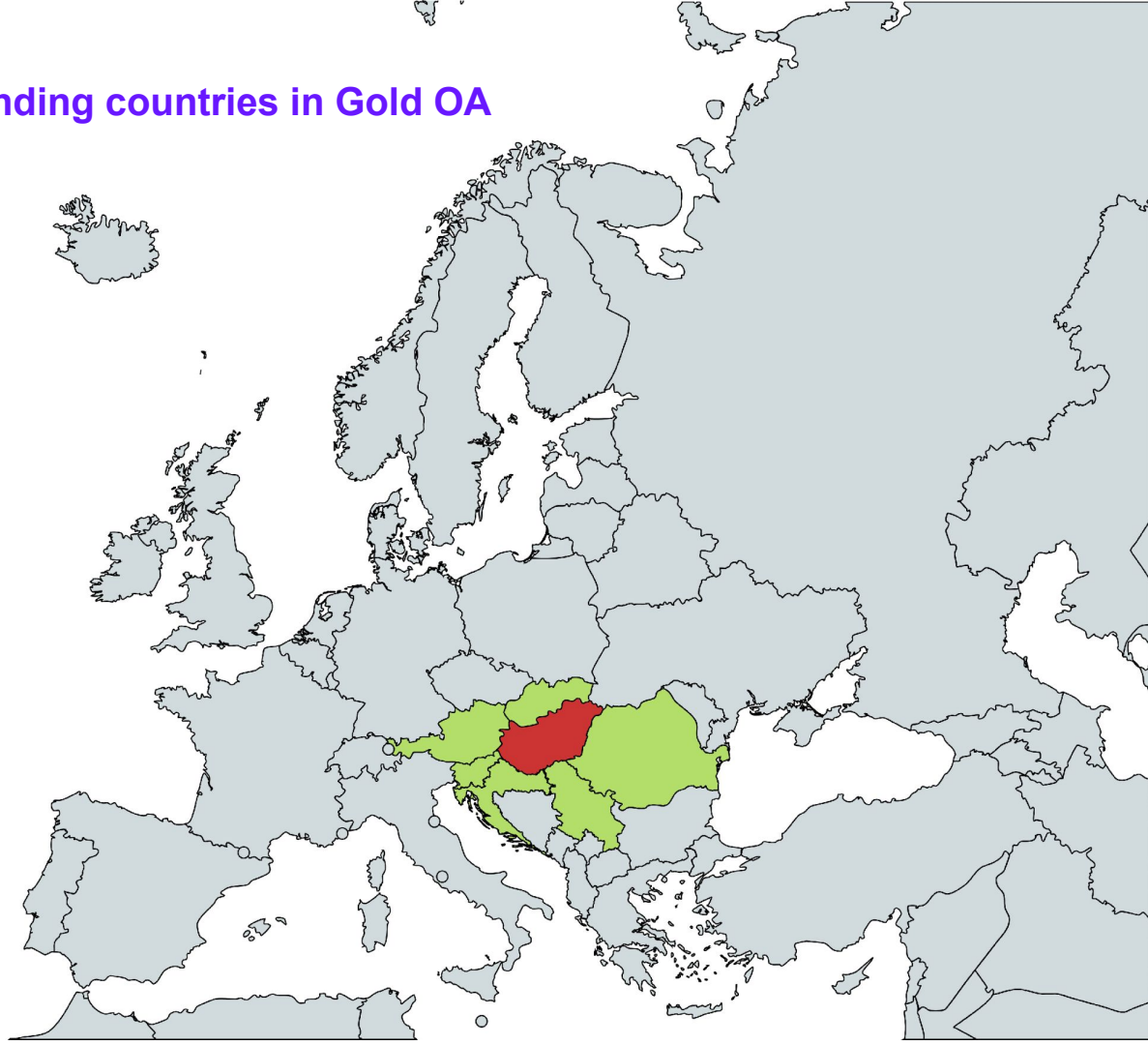
CROATIA

ROMANIA

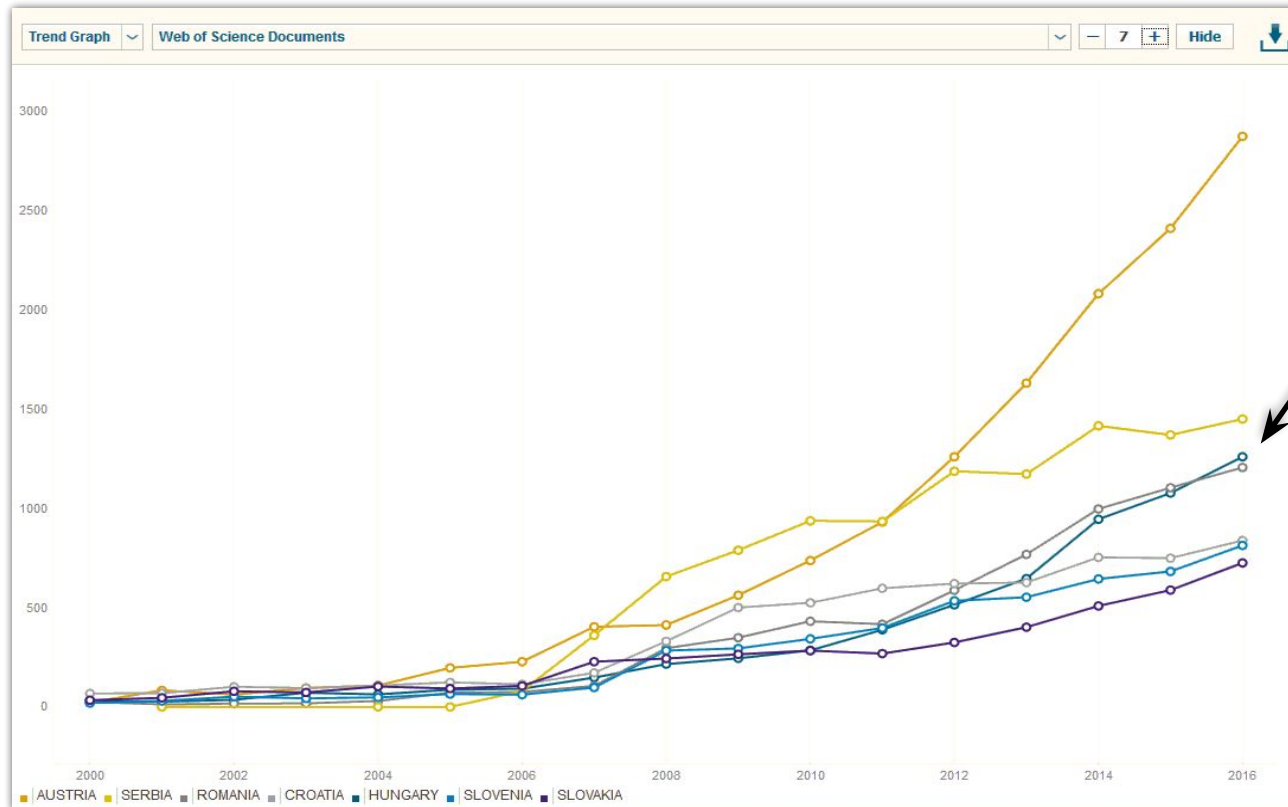
SERBIA

SLOVAK

SLOVENIA

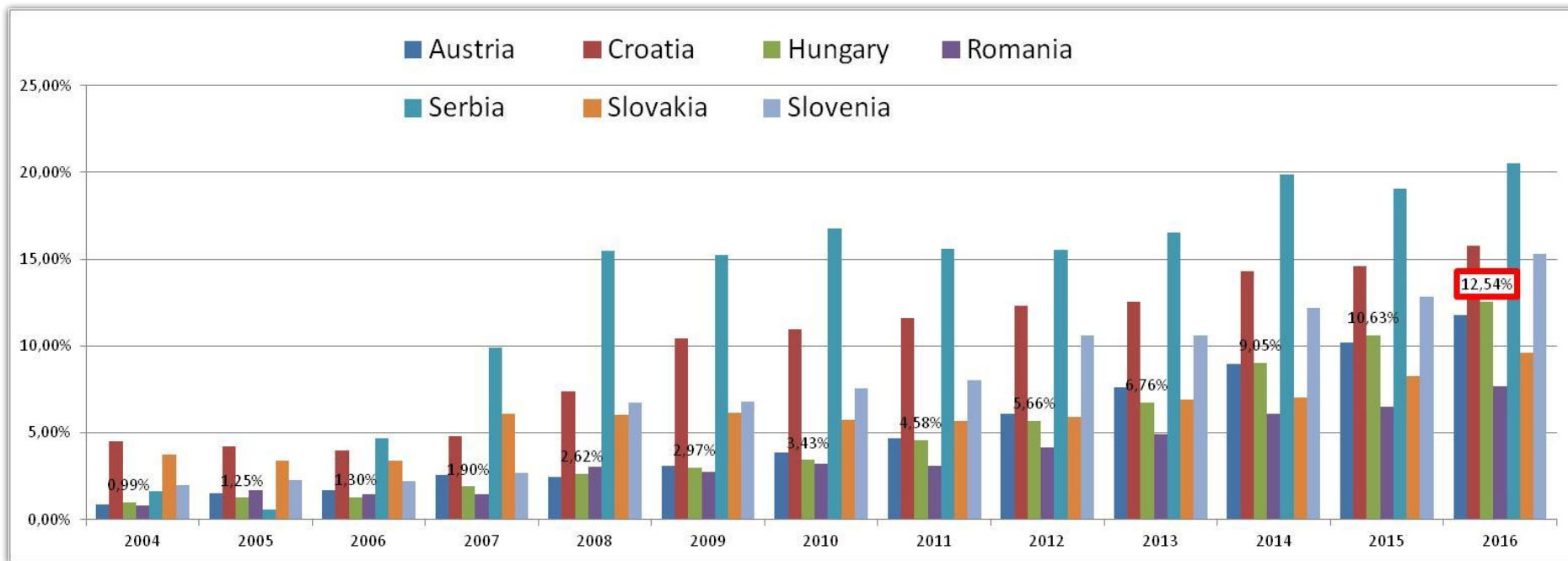


Comparing Hungary and surrounding countries in Gold OA



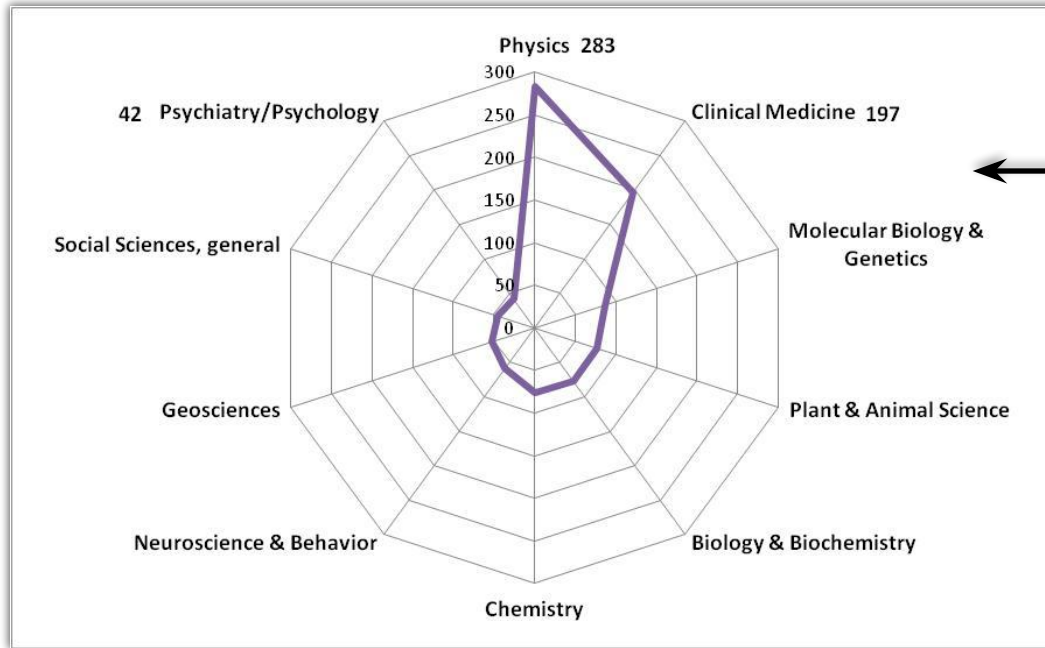
Hungary is third
With 1,262 OA articles in 2016

Compare Hungary and surrounding countries in Gold OA (2004-2016 trend)



Hungary is by percentage, only beyond former Yugoslavian countries
With 12,54% OA articles in 2016

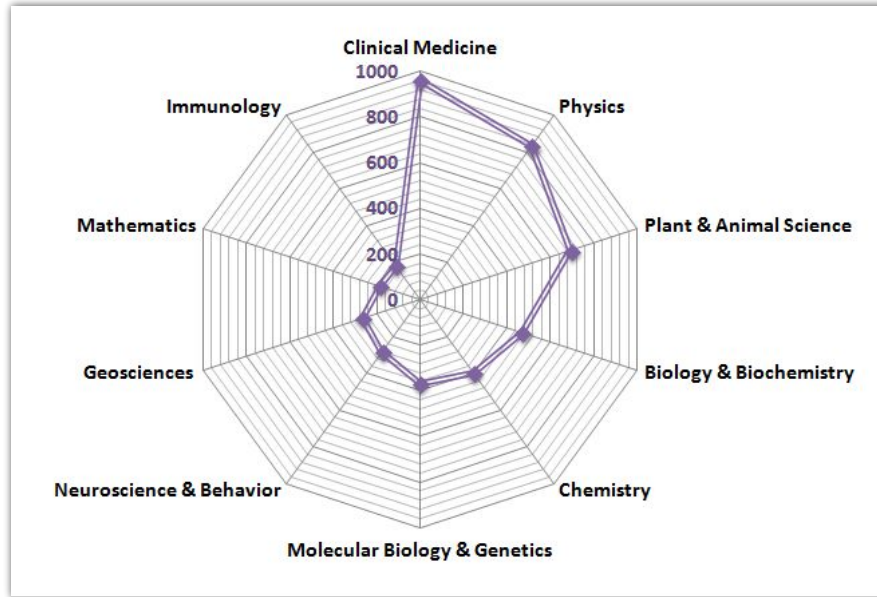
Hungarian papers in Gold OA (2016)



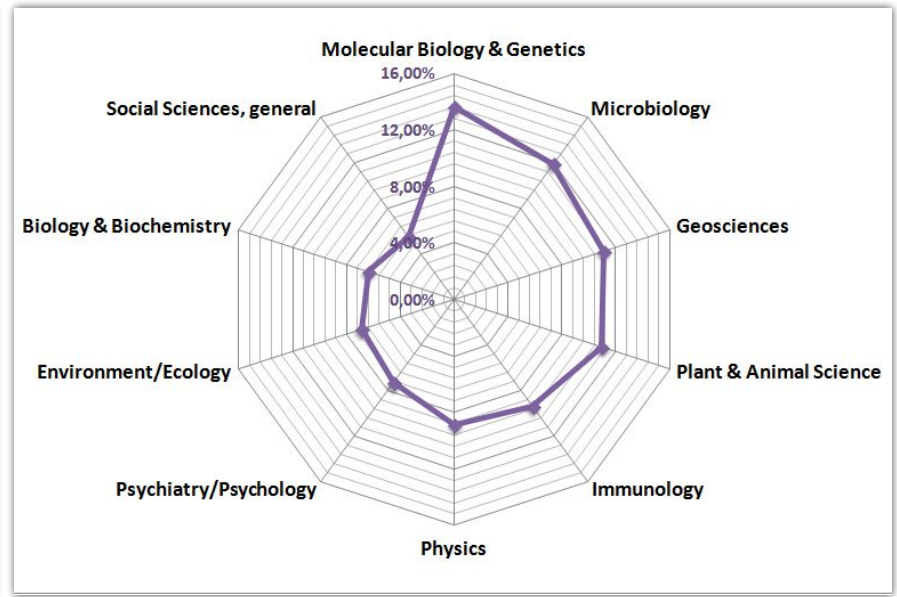
**Physics is largely the
area with the highest
presence of Gold OA
papers**

31% Physics articles are published as
Gold OA

How is Hungaria's production in Gold Open Access (2004-2016)?

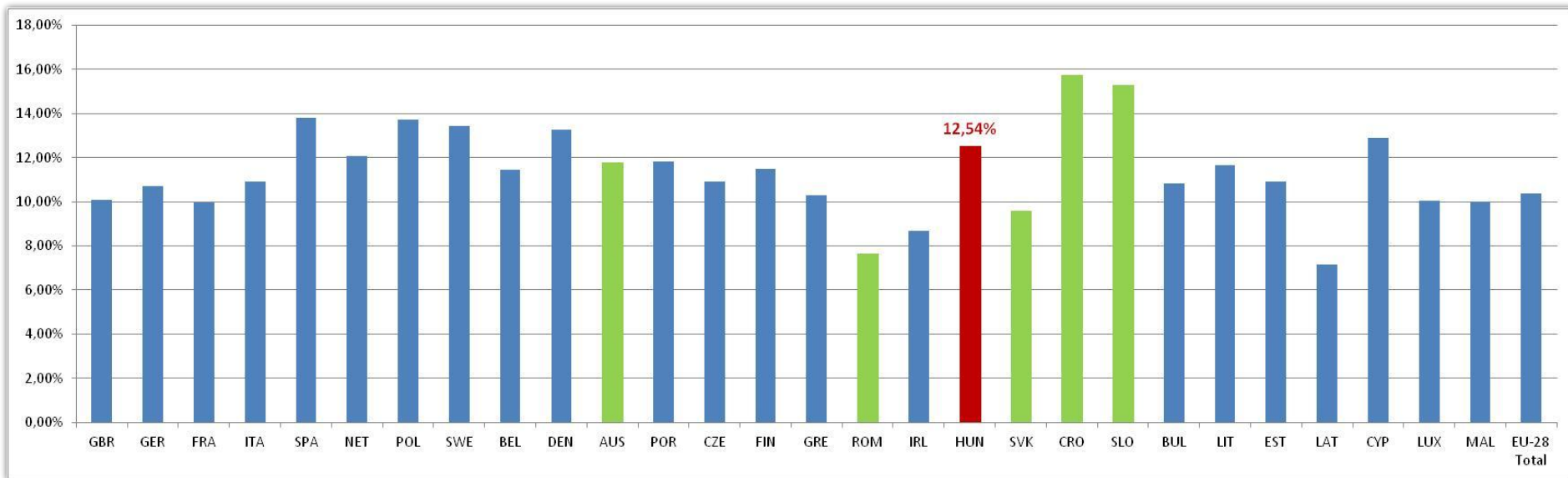


Absolute Values



Relative Values

Compare EU-28 countries in Gold OA (2016)



**Hungary is by percentage, well positioned in terms of
GOLD OA adoption with respect to EU-28 context**

With 12,54% OA articles in 2016

Curiosities about Gold Open Access

USA 343,841

Country for absolute number
of OA records

BRASIL 19,87%

Country for percentage of OA
records¹

CAPES ~20%

Funding Agency for
percentage of OA records

TOP

ENGLAND (254)

Country for absolute number
of OA journals²

NSF CHINA (118,636)

Funding Agency for
absolute number of OA
records

**BIOCHEMISTRY &
MOLECULAR BIOLOGY (84,976)**

Category for absolute
number of OA records

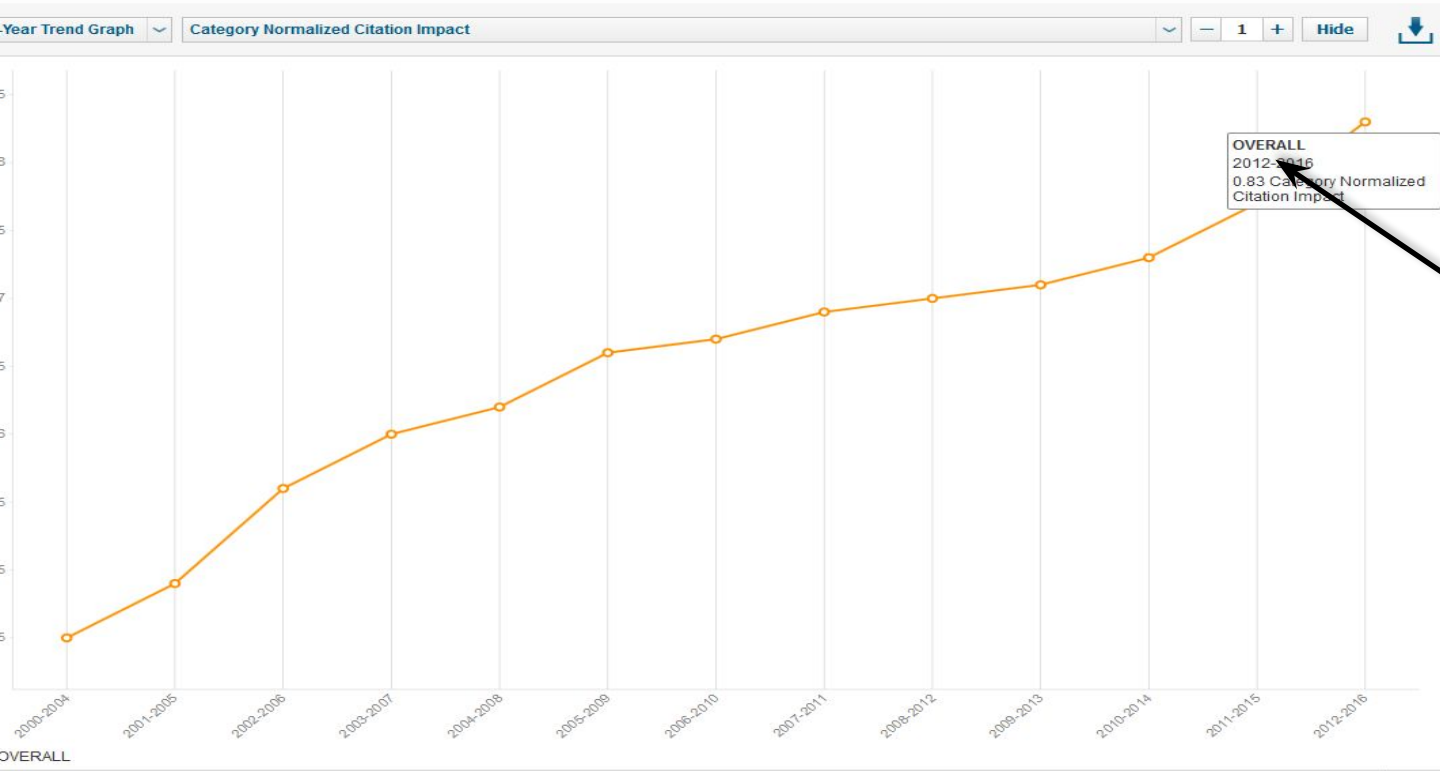


¹With a minimum limit of 5000 OA documents

²JCR 2017

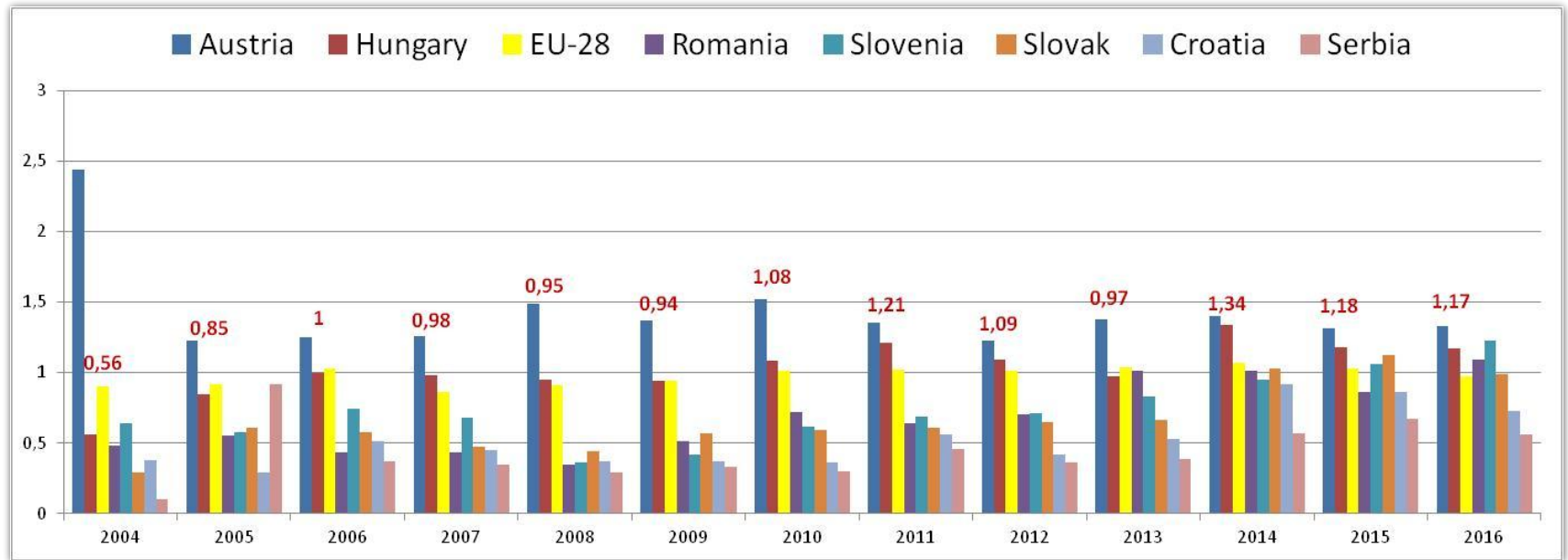
Between 1980 and 2017

What's the Impact of publishing in Open Access?



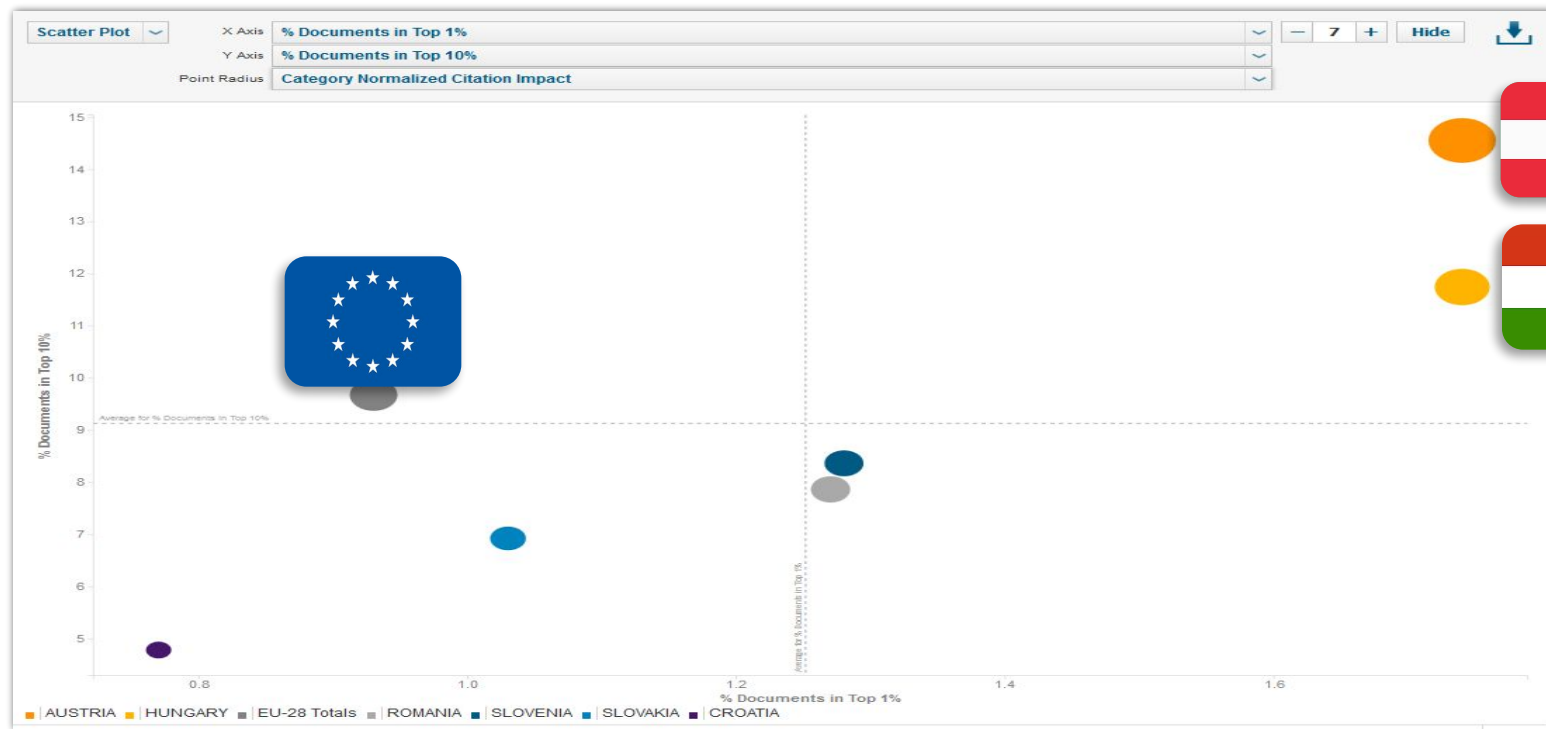
**Category
Normalized
Citation Impact
growth**
1 is the world average

What's the Impact of publishing in Open Access?



**Hungary is above EU-28 baseline and in general has a
good CNCI**
1 is the world average

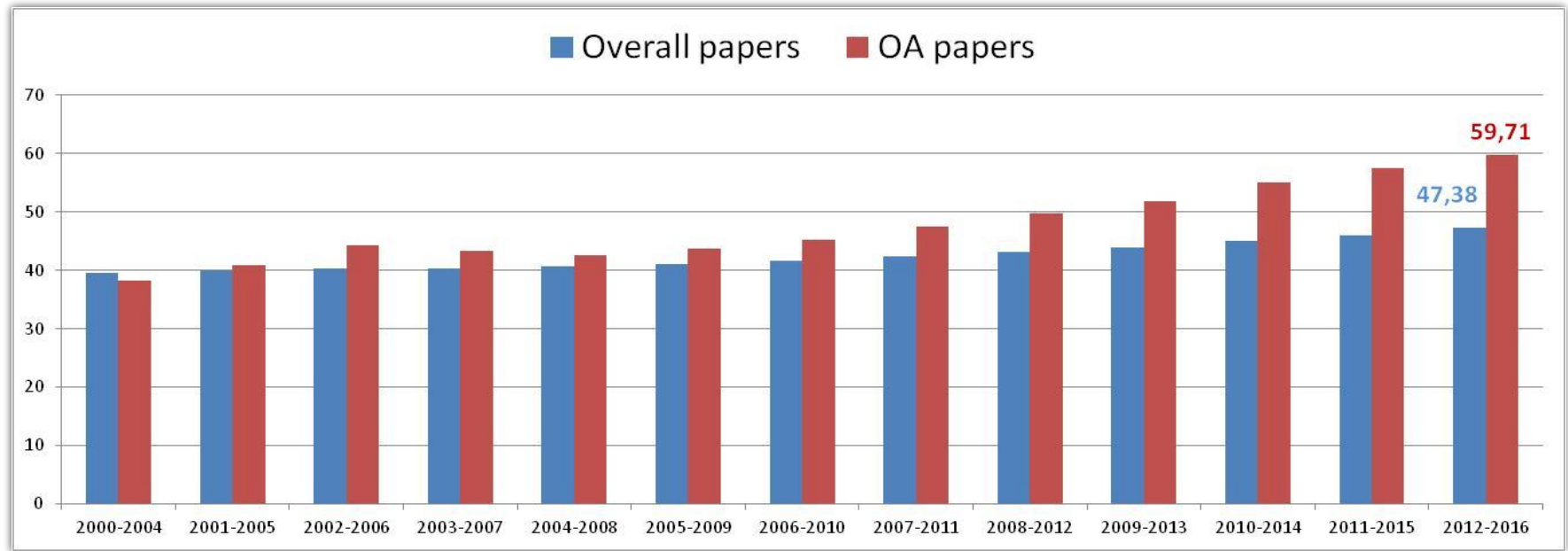
What's the Impact of publishing in Open Access?



Hungary is above EU-28 baseline and in general has an high rate of production of excellent and good papers

TOP 1% and TOP 10%

Which is the Key Point in Open Access?



**OA papers are more discoverable and come to have an
higher probability to be cited**
% docs cited

Open Access Publications

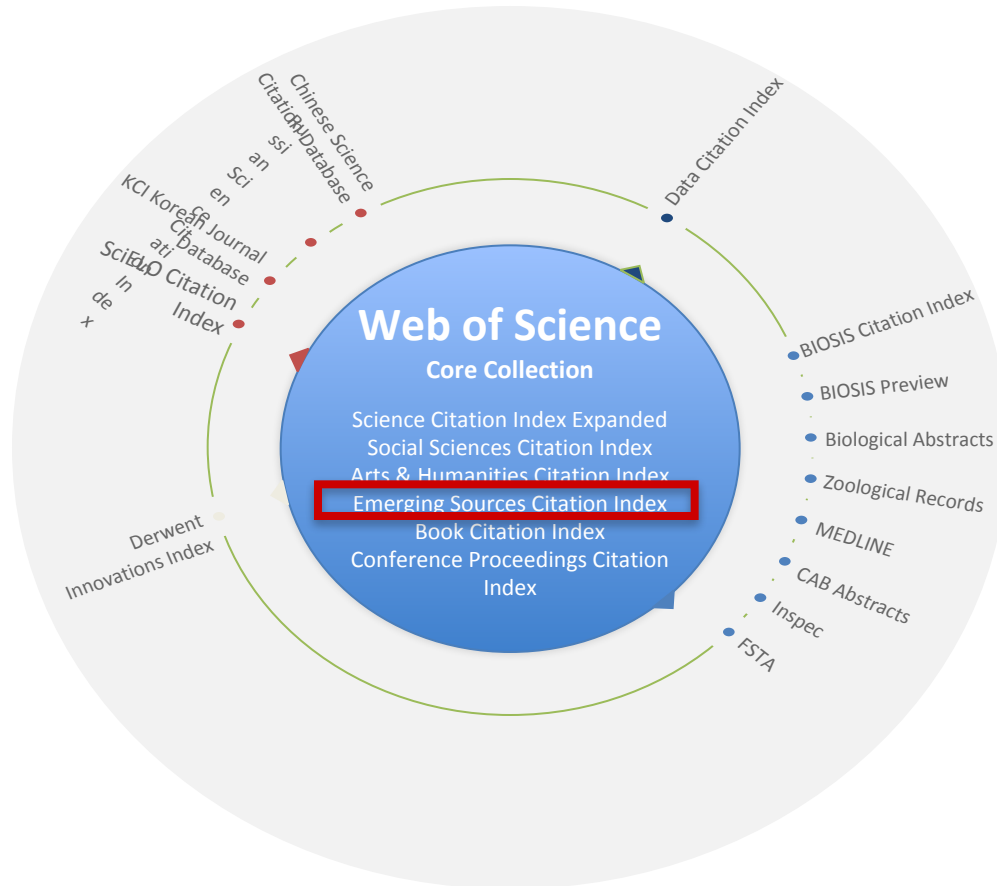
Overview of current WoS status

Let's go deeper in the (current)
future

We cannot make the future of open access
But we can make it discoverable for you



The introduction of a new index in Web of Science Core Collection



33,000+ unique journals

138 MILLION unique records

in a network of more than

1.4 BILLION cited references

Web of Science Journal Selection Criteria

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?

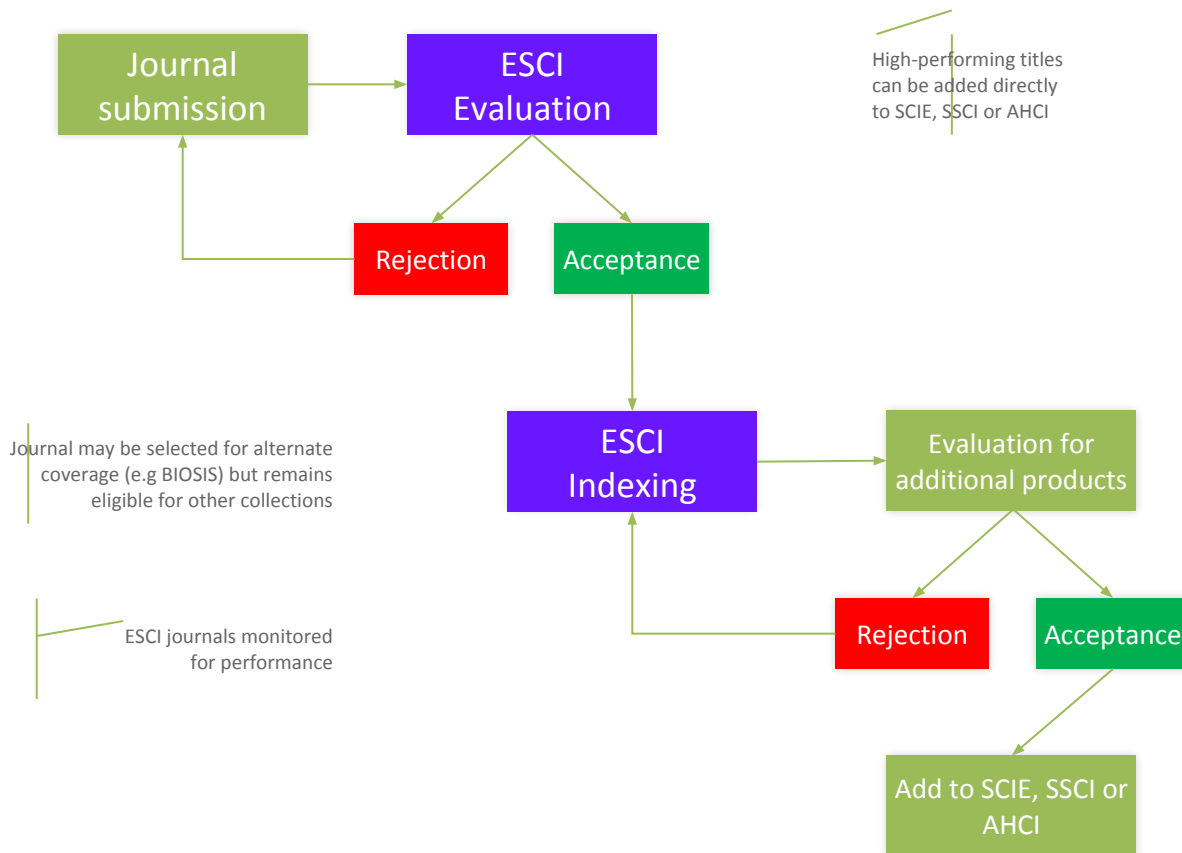
Citation Analysis

- 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 Journal Selection Process



SELECTIVITY Current Year

48 ESCI Titles from ESCI to WOS-3

15 WOS-3 Titles from WOS-3 to ESCI

What has been launched (End of October 2017)

October 31st

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

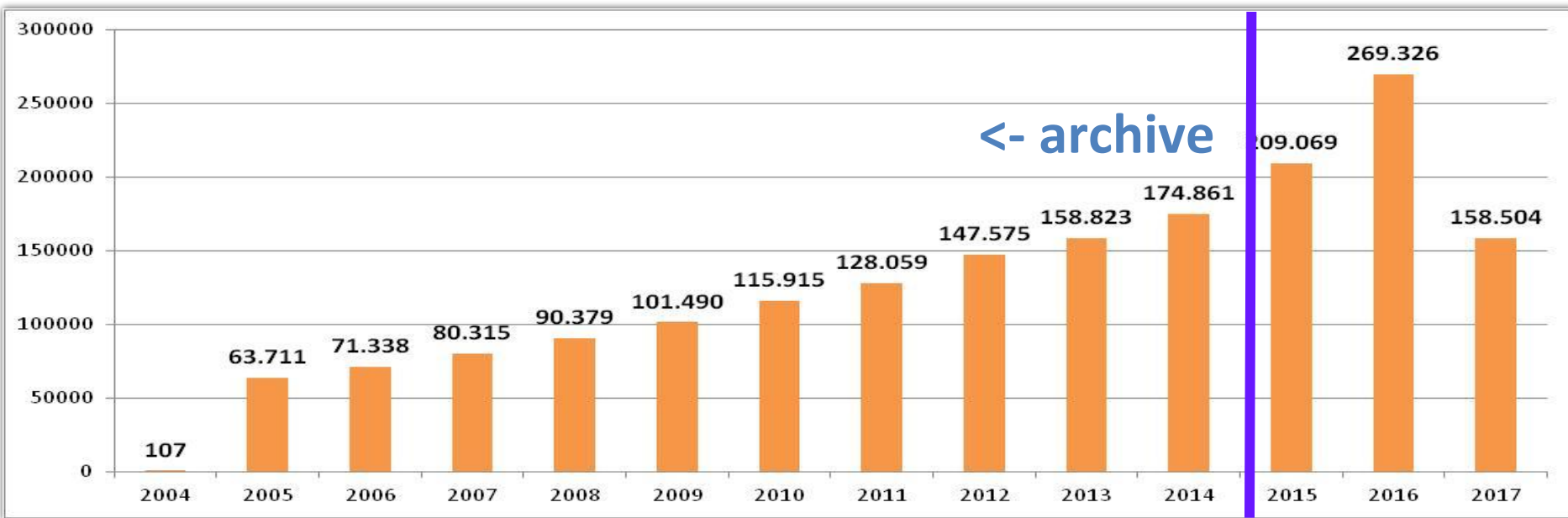
December 31st

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

December 31st

**7,000 journals
available in ESCI**

Current Situation (Mid November)



ESCI Overall → 1,7 M Records

ESCI Archive → 1,1 M Records

OA Gold presence on Web of Science

EDITION	# OA Titles	# WoS Edition (Total)	% OA by Edition
SCIE	987	8,888	11%
SSCI	173	3,265	5%
AHCI	83	1,785	5%
WOS-3	1,179	12,884	9%
ESCI	2,129	6,232	34%
WoS Core Collection	3,308	19,116	17%
BIOSIS	515	5,356	10%
ZR	382	4,929	8%

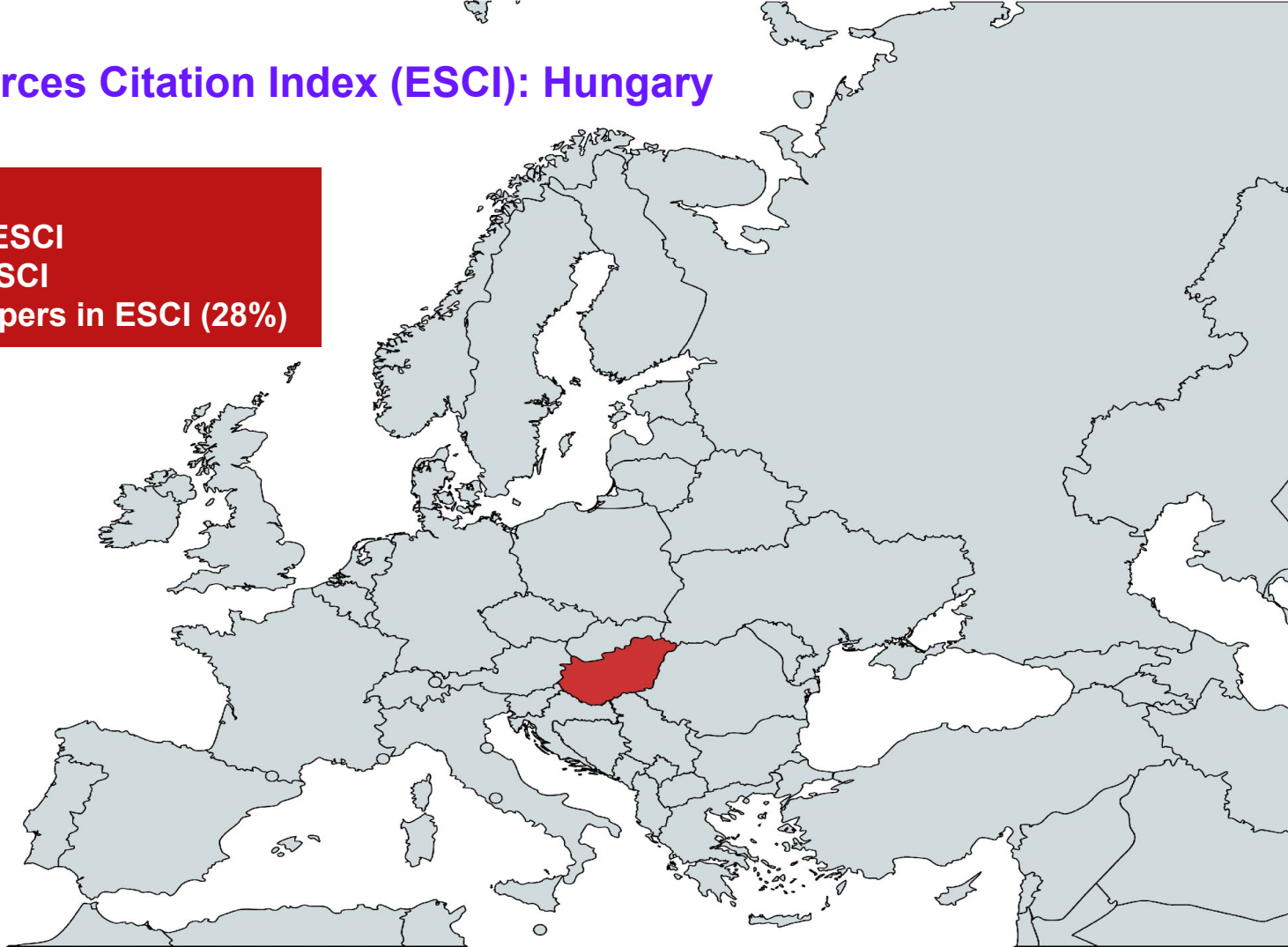
Emerging Sources Citation Index (ESCI): Hungary

Hungary

16 journals indexed in ESCI

~4,000 new papers in ESCI

~1,150 new Gold OA papers in ESCI (28%)



A black and white promotional image featuring a spotlight shining down from the top center onto the text "Coming SOON". The word "Coming" is written in a cursive script, while "SOON" is in a bold, sans-serif font. The spotlight creates a bright circular area on the text and a soft glow on the surface below.

Coming
SOON

Impactstory Partnership



Web of Science will provide direct access to additional, legal Open Access content

Clarivate Analytics has invested in technology so that you can soon:

- ✓ Find **Hybrid Gold OA** articles when searching the Web of Science
- ✓ Find **Green OA** articles when searching the Web of Science

To develop this capability, we have given a grant to Impactstory.



Impactstory



*The grant funds improvements to Impactstory's oaDOI technology. We are using oaDOI to provide **reliable linking to the best available version of OA content.***

- For Green OA articles, Web of Science will only link to peer-reviewed items from open repositories, NOT “pre-prints.” We will identify two types of Green OA articles:
 - Accepted Manuscript
 - Published Version
- For all OA articles, Web of Science will preference links to the publisher's version, when available.



Article-level Open Access identification will help you **find legally available Green & Hybrid** articles in the **Web of Science.**

Web of Science InCites Journal Citation Reports Essential Science Indicators Endnote Sign In Help English

Web of Science

Search Search Results My Tools Search History Marked List

Results: 3,500
(from Web of Science Core Collection)

You searched for: TOPIC: (oil spill)
...More

Create Alert

Refine Results

Search within results for...

Filter results by

- ☐ Highly Cited in Field (86)
- ☐ Hot Papers in Field (48)
- ☐ Open Access (93)

Refine

Publication Year

- ☐ 2016 (1,012)
- ☐ 2015 (578)
- ☐ 2014 (543)
- ☐ 2013 (192)
- ☐ 2012 (104)

View all options Refine

Organization Enhanced

- ☐ National Oceanic Atmospheric Admin NOAA USA (395)
- ☐ University of California System (305)
- ☐ State University System of Florida (261)
- ☐ Chinese Academy of Sciences (225)
- ☐ United States of Geological Survey (222)

Sort by: Date: newest first Times Cited Usage Count Relevance More

Page 1 of 350

Select Page 5K Save to EndNote online Add to Marked List Analyze Results Create Citation Report

- Health status of the Bilbao estuary: A review of data from a multidisciplinary approach**

By: Cajalaville, Miren P.; Orive, Emma; Villate, Fernando; et al.
Conference: 14th International Symposium of Oceanography of the Bay of Biscay (ISOBAY) Location: Univ Bordeaux, Bordeaux, FRANCE Date: JUN 11-13, 2014
Sponsor(s): Univ Bordeaux; Dept Sci & Technol; Cluster Excellence COTE
ESTUARINE COASTAL AND SHELF SCIENCE Volume: 179 Pages: 124-134 Published: SEP 20 2016

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

Usage Count

Free Full text from Publisher View Abstract
- Comparing 3d and 2d computational modeling of an oil well blowout using MOHID platform - A case study in the Campos Basin**

By: Jeon, Yong Kyun; Ha, Chang Ho
ENVIRONMENTAL HEALTH AND PREVENTIVE MEDICINE
Early Access: MAY 2016

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

Usage Count

Free Published Article from Repository View Abstract
- Oil spill impacts on mangroves: Recommendations for operational planning and action based on a global review**

By: Duke, Norman C.
Conference: Symposium on Turning the Tide on Mangrove Loss - A Focus on Asia Location: Xiamen Univ, Xiamen, PEOPLES R CHINA Date: 2015
MARINE POLLUTION BULLETIN Volume: 109 Issue: 2 Special Issue: SI Pages: 700-715 Published: AUG 30 2016

Times Cited: 3
(from Web of Science Core Collection)

Usage Count

Full Text from Publisher View Abstract
- Passive Acoustic Monitoring of the Environmental Impact of Oil Exploration on Marine Mammals in the Gulf of Mexico**

By: Sidorovskaia, Natalia A.; Ackleh, Azmy S.; Tiemann, Christopher O.; et al.
Edited by: Popper, AN; Hawkins, A
Conference: 3rd International Conference on the Effects of Noise on Aquatic Life Location: Budapest, HUNGARY Date: AUG, 2013
Sponsor(s): Fisheries Joint Management Comm; Natl Oceanog & Atmospher Adm; Natl Sci Fdn; NAVFAC; Off Naval Res; Off Naval Res Global; Acoust Soc Amer; Aquat Noise Trust; Discovery Sound Sea; Co Biologists; Univ Maryland, Coll Chem & Life Sci; Ctr Comparat & Evolutionary Biol Hearing
EFFECTS OF NOISE ON AQUATIC LIFE II Book Series: Advances in Experimental Medicine and Biology Volume: 875 Pages: 1007-1014 Published: 2016

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

Usage Count

Free Accepted Article from Repository View Abstract
- The effect of exercise intensity on brain derived neurotrophic factor and memory in adolescents**

Times Cited: 0



Expanded Open Access identification
will help you find legally available
Green & Hybrid articles.

Open Access

- ☐ All Open Access (93)
- ☐ Gold (33)
- ☐ Green Published (29)
- ☐ Green Accepted (31)

View all options

Refine

It's coming to be true

Results: 144,453,113
(from All Databases)

You searched for: YEAR
PUBLISHED: (1900-2018) ...[More](#)

Refine Results



Filter results by:

- ☐ Highly Cited in Field (138,846) 
- ☐ Hot Papers in Field (2,868) 
- ☐ Open Access (6,584,855) 

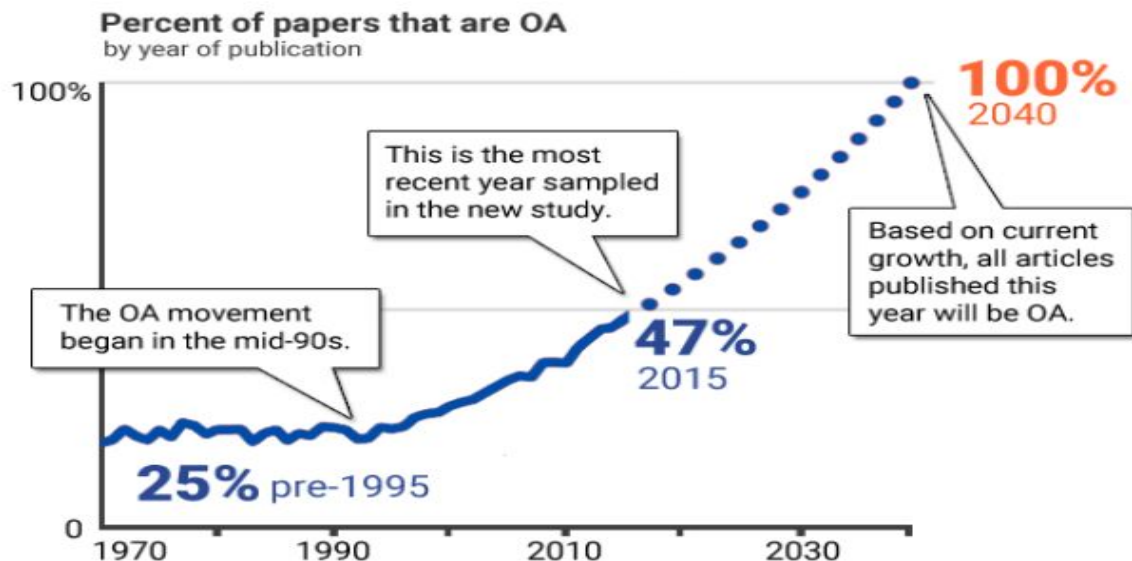
[Refine](#)

Open Access

- ☐ All Open Access (6,584,855) 
- ☐ Gold (5,876,104) 
- ☐ Green Published (371,633) 
- ☐ Green Accepted (337,118) 

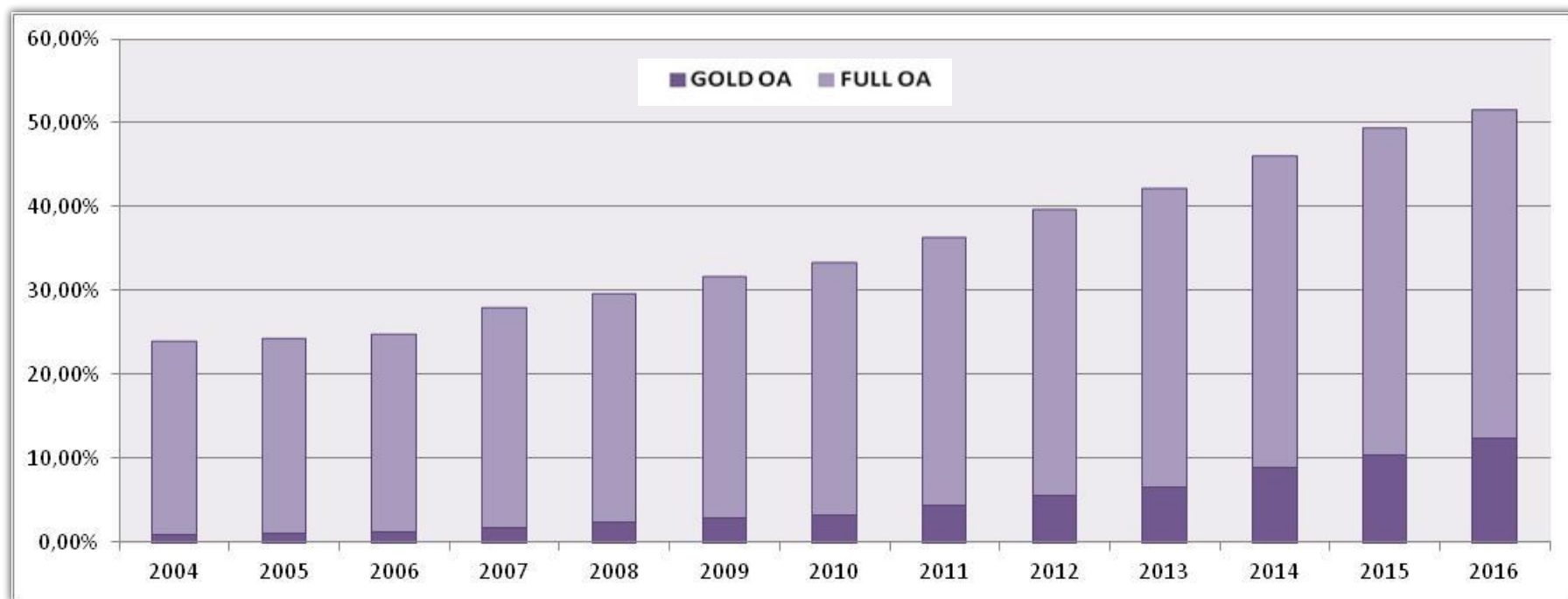
[Refine](#)

Is this coming true ?

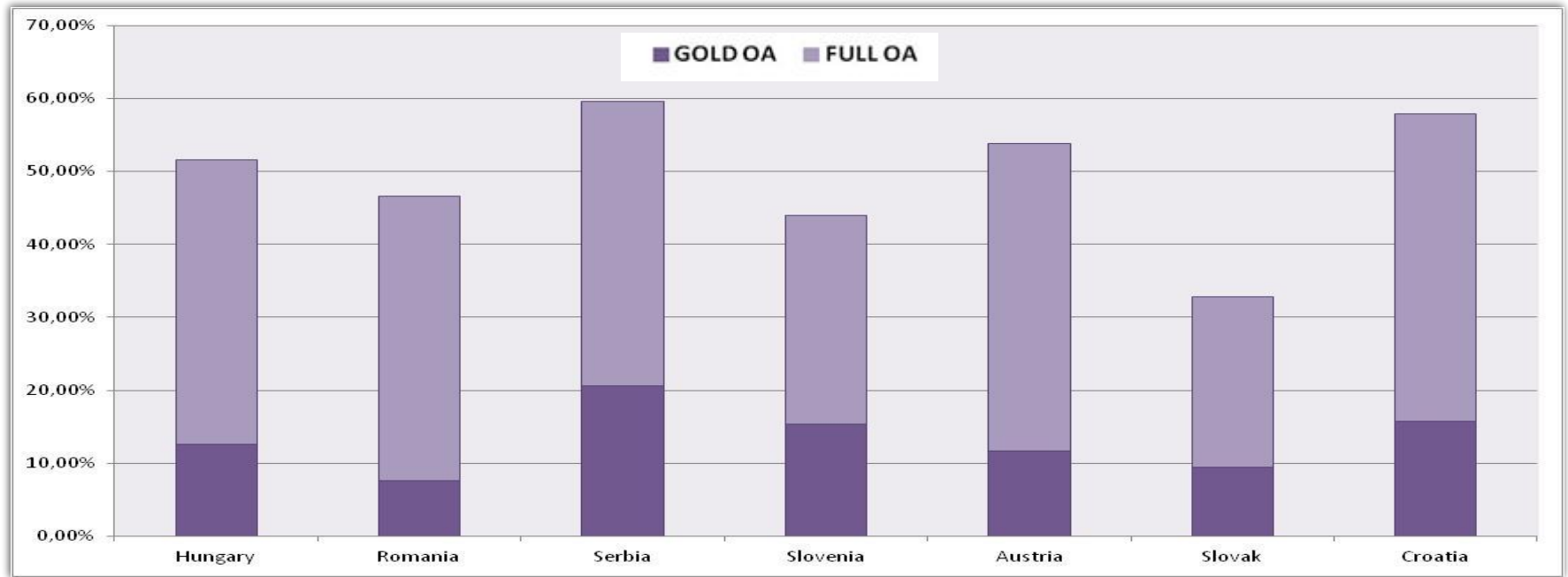


Historical timeline and projected proportion of OA literature.
(Source: Impactstory)

How will look like Hungaria's production in Open Access (2004-2016)?



How will look like Hungaria's & close countries total production in Open Access in 2016?



A person's silhouette is seen from behind, looking at a large screen. The screen displays a blue background with white static noise. The words "STAY TUNED" are written in a bold, black, sans-serif font across the center of the screen, with the person's head positioned between the two words.

STAY TUNED



Massimiliano Carloni, Solutions Specialist | massimiliano.carloni@clarivate.com | clarivate.com
Marko Zovko, Regional Account Manager | marko.zovko@clarivate.com | clarivate.com

EDITION	# OA Titles	# WoS Edition (Total)	% OA by Edition
SCIE	987	8,888	11%
SSCI	173	3,265	5%
AHCI	83	1,785	5%
WOS-3	1,179	12,884	9%
BIOSIS	515	5,356	10%
ZR	382	4,929	8%
SCIELO	577	994	58%
MEDLINE	483	5,533	9%
RSCI	32	629	5%
KDJ	59	2,313	3%
CSCD	44	1,600	3%
WOS Connection	4,018	29,431	14%
JCR	1,086	12,123	9%

EDITION	# OA Titles	# WoS Edition (Total)	% OA by Edition
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CSCD	44	1,600	3%
WOS Connection	4,018	29,431	14%
JCR	1,086	12,123	9%

OA literature is not free to produce, even if it is less expensive to produce than conventionally published literature. The question is not whether scholarly literature can be made costless, but whether there are better ways to pay the bills than by charging readers and creating access barriers. Business models for paying the bills depend on how OA is delivered.

OA archives or repositories do not perform peer review, but simply make their contents freely available to the world. They may contain unrefereed preprints, refereed postprints, or both. Archives may belong to institutions, such as universities and laboratories, or disciplines, such as physics and economics. Authors may archive their preprints without anyone else's permission, and a majority of journals already permit authors to archive their postprints. When archives comply with the metadata harvesting protocol of the Open Archives Initiative, then they are interoperable and users can find their contents without knowing which archives exist, where they are located, or what they contain. There is now open-source software for building and maintaining OAI-compliant archives and worldwide momentum for using it.

OA journals perform peer review and then make the approved contents freely available to the world. Their expenses consist of peer review, manuscript preparation, and server space. OA journals pay their bills very much the way broadcast television and radio stations do: those with an interest in disseminating the content pay the production costs upfront so that access can be free of charge for everyone with the right equipment. Sometimes this means that journals have a subsidy from the hosting university or professional society. Sometimes it means that journals charge a processing fee on accepted articles, to be paid by the author or the author's sponsor (employer, funding agency). OA journals that charge processing fees usually waive them in cases of economic hardship. OA journals with institutional subsidies tend to charge no processing fees. OA journals can get by on lower subsidies or fees if they have income from other publications, advertising, priced add-ons, or auxiliary services. Some institutions and consortia arrange fee discounts. Some OA publishers waive the fee for all researchers affiliated with institutions that have purchased an annual membership. There's a lot of room for creativity in finding ways to pay the costs of a peer-reviewed OA journal, and we're far from having exhausted our cleverness and imagination.

What are the advantages of Open Access?

More people can read the results of scholarly research

New ideas can be dispersed more rapidly and widely

Businesses also have broad access to the most recent scientific ideas

Recent knowledge can be put to immediate use in teaching

Publishing colour

Gold	open access publishing
------	------------------------

Archiving colours

Green	can archive pre-print and post-print
Blue	can archive post-print (ie final draft post-refereeing)
Yellow	can archive pre-print (ie pre-refereeing)
White	archiving not formally supported

<http://www.budapestopenaccessinitiative.org/read>

Where does your data come from?

We use a number of different data sources to find open versions of articles (or in many cases, to determine that the articles are open already):

- The [Directory of Open Access Journals](#) to see if it's in their index of OA journals.
- [CrossRef's](#) license metadata field, to see if the publisher has reported an open license.
- Our own custom list DOI prefixes, to see if it's in a known preprint repository.
- [DataCite](#), to see if it's an open dataset.
- The wonderful [BASE OA search engine](#) to see if there's a Green OA copy of the article. BASE indexes 90mil+ open documents in 4000+ repositories by harvesting OAI-PMH metadata.
- Repository pages directly, in cases where BASE was unable to determine openness.
- Journal article pages directly, to see if there's a free PDF link (this is great for detecting hybrid OA)

Who is behind oaDOI?

We're [Impactstory](#), a nonprofit working to make science more open and reusable online.

How is oaDOI funded?

Impactstory is supported by grants from the National Science Foundation and the Alfred P. Sloan Foundation. We'll be supporting oaDOI as spinoff of existing projects for the next year, but we're looking for additional funding to expand the service even further. Possible models include grants and Service-Level Agreements with data users. No matter what funding models we end up with, the API will always remain free and open.

Why does the Unpaywall extension sometimes give different results from oaDOI?

Our Unpaywall browser extension uses oaDOI to find fulltext whenever you run into paywalled articles. It supplements oaDOI with other data sources, too; for instance, Unpaywall tries to parse and understand scholarly article pages as you view them. Consequently, Unpaywall's results are a bit more comprehensive than what you'd get by calling oaDOI directly.

Coming December 2017 to
Web of Science Open Access:

- Find Hybrid Gold OA articles when searching the Web of Science
- Find Green OA articles when searching the Web of Science
- For Green OA articles, Web of Science will only link to peer-reviewed versions from open repositories, NOT "pre-prints." We will identify two types of Green OA articles:
 - Accepted Manuscript
 - Published Version
- For all OA articles, Web of Science will preference links to the publisher's Gold version, when available.



Expanded Open Access Identification
will help you find legally available
Green & Hybrid articles.

Current Numbers (week 11 November)

Titles requested for ESCI review	14,714
Titles selected	7,301
Titles rejected	4,373
Titles under evaluation	3,040
Titles in the product	6,901

Around 60% acceptance rate

**Around 50% journals number increase
respect to WOS-3**

Emerging Sources Citation Index (ESCI): Key Data

+200 countries represented (**22 NEW**)

80% of Output outside North-America

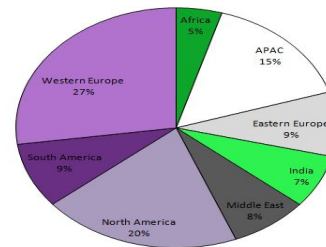
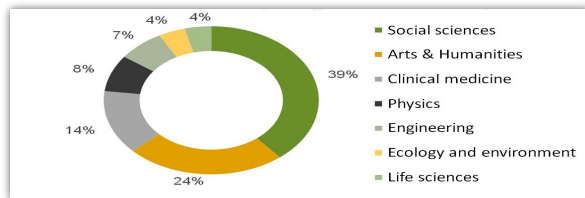
53% of Output outside North-America & Europe

Around **50%** more journals coverage

+11,000 journals evaluated

Around **50%** increase in Social Sciences

Region	# Countries per region
Africa	55
Asia Pacific	30
Eastern Europe	27
India	1
Middle East	22
North America	3
Latin America	35
Western Europe	26



Emerging Sources Citation Index (ESCI): Hungary

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	COUNTRY	SCIE	SSCI	AHCI	ESCI	BIOSIS	ZR	KDJ	SCIELO	RSCI	CSCD	MEDLINE	CABI	INSPEC	FSTA	WoS	SCOPUS
51	HUNGARY	31	5	4	12	10	33					8	21	3		127	95