

International Rankings

Radek Budzichowski, Country Manager CEE

Marcin Kapczyński, ekspert ds. produktu i transferu wiedzy

Klementyna Karlińska-Batres, ekspert ds. produktu i transferu wiedzy

III Seminarium Projektowe

Temat wiodący:

***Bazy danych i narzędzia bibliometryczne – wyzwania i
możliwości***

Warszawa, 29 października 2019 r

Is it important to be visible in International Rankings ?

IMPACT ON YOUR:

- Funding opportunities
- Collaboration opportunities
- Acquiring top talents

Understand the methodology

Monitor the ranking

Make sure your university is presented correctly

REVIEW:

- Unification
- Signature policy

USE:

- InCites Dashboards
- Professional Services



**Rankings are fully independent from the WoS Group.
The goal of our session is to understand the methodology.**

Why WoS Data?

- 161M records
- 34K Journals indexed
- 1.7B Cited references

Our data is editorially selective, publisher neutral, and has been consistently structured since 1950.

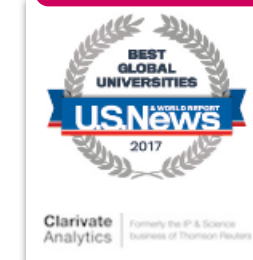
Complete cover-to-cover indexing and citation connections give you certainty that you are making the best decisions wherever you are in the workflow.

Some rankings use the address information in the publication when others uses our *Organization Enhanced* Profile.

Address information



Organisation Enhanced



Rankings are fully independent from the WoS Group.

The goal of our session is to understand the methodology.

Address

- Each publication in the Web of Science Core is fully indexed that is why all the authors has a address and linked to an institution.
- When multiple authors collaborate on a publication, all addresses are captured and saved in the Addresses field

University of Warsaw Organization-Enhanced

Select available organizations from the Index
Finds papers from organizations with identified name variants.

Or Warsaw Address

PDBsum: Structural summaries of PDB entries

By: Laskowski, RA (Laskowski, Roman A.)^[1]; Jablonska, J (Jablonska, Jagoda)^[2]; Pravda, L (Pravda, Lukas)^[3,4]; Varekova, RS (Varekova, Radka Svobodova)^[3,4]; Thornton, JM (Thornton, Janet M.)^[1]



Author Information

Reprint Address: Laskowski, RA (reprint author)

- European Mol Biol Lab, European Bioinformat Inst, Wellcome Trust Genome Campus, Cambridge CB10 1SD, England.
Organization-Enhanced Name(s)
European Molecular Biology Laboratory (EMBL)
Wellcome Trust Sanger Institute

Addresses:

- + [1] European Mol Biol Lab, European Bioinformat Inst, Wellcome Trust Genome Campus, Cambridge CB10 1SD, England
- [2] Univ Warsaw, Ctr New Technol, Lab Bioinformat & Syst Biol, PL-02089 Warsaw, Poland
Organization-Enhanced Name(s)
University of Warsaw
- + [3] Masaryk Univ Brno, Fac Sci, Natl Ctr Biomol Res, Brno 62500, Czech Republic
- + [4] Masaryk Univ Brno, CEITEC Cent European Inst Technol, Brno 62500, Czech Republic

Organization Enhanced

- A recurring problem applies to scientific publications; the name of an institution in the addresses given on its publications is not constant.
- Since 2007, we have been using unification rules to find all variations of titles for a single institution in order to link them to the institution concerned.

Organization Enhanced Web of Science

Addresses:

[1] Jagiellonian Univ, Med Coll, Fac Hlth Sci, Dept Nursing Management & Epidemiol Nursing, Krakow, Poland

Organization-Enhanced Name(s)

Jagiellonian University

Collegium Medicum Jagiellonian University

[2] Jagiellonian Univ, Med Coll, Fac Hlth Sci, Drug Management Dept, Krakow, Poland

Organization-Enhanced Name(s)

Jagiellonian University

Collegium Medicum Jagiellonian University

[3] Jagiellonian Univ, Med Coll, Fac Hlth Sci, Dept Internal Med & Community Nursing, Krakow, Poland

Organization-Enhanced Name(s)

Jagiellonian University

Collegium Medicum Jagiellonian University

Name Variants:

- Add ASTRON OBSERV JU
- Add BIOFIZYKI BIOTECHNOL UNIWERSYTETU JAGIELLONSKIEGO
- Add BOT JAGIELLONIAN UNIV COLLEGIUM MEDICUM
- Add CHAIR CLIN ENDOCRINOL UJ CM
- Add CM JAGIELLONIAN UNIV
- Add CM UJ
- Add CMUJ
- Add CMUJ INST PUBL HLTH
- Add CMUJ JAGIELLONIAN UNIV
- Add CMUJ JAGIELLONIAN UNIV MED COLL
- Add CMUJ JAGIELLONIAN UNIV MED COLLAGE
- Add CMUJ KRAKOWIE
- Add COLEGIUM MED

Our unification tool allows us to
prioritize the different institutions
and to link laboratories etc

Academic Ranking of World University ARWU TOP 1000 Shanghai Ranking



Academic Ranking of World University

The Academic Ranking of World Universities (ARWU) was first published in June 2003 by the Center for World-Class Universities (CWCU), Graduate School of Education (formerly the Institute of Higher Education) of Shanghai Jiao Tong University, China, and updated on an annual basis.

ARWU uses six objective indicators to rank world universities, including the number of alumni and staff winning Nobel Prizes and Fields Medals, number of highly cited researchers selected by Clarivate Analytics, number of articles published in journals of Nature and Science, number of articles indexed in Science Citation Index - Expanded and Social Sciences Citation Index, and per capita performance of a university. In total, more than 1800 universities are actually ranked and the best 1000 are published.

Academic Ranking of World Universities 2019

Top 1000 Methodology Statistics					
World Rank	Institution*	By location	National/Regional Rank	Total Score	Score on
		Poland ▼			PUB ▼
301-400	Jagiellonian University		1	38.8	
401-500	University of Warsaw		2	33.8	
601-700	AGH University of Science and Technology		3	28.3	
701-800	Adam Mickiewicz University		4-5	26.9	
701-800	Medical University Warsaw		4-5	23.8	
801-900	Warsaw University of Technology		6	26.6	
901-1000	Medical University of Silesia		7-9	20.0	
901-1000	Nicolaus Copernicus University		7-9	22.4	
901-1000	Wroclaw University of Technology		7-9	23.8	

Academic Ranking of World University

Ranking Criteria and Weights

Criteria	Indicator	Code	Weight
Quality of Education	Alumni of an institution winning Nobel Prizes and Fields Medals	Alumni	10%
Quality of Faculty	Staff of an institution winning Nobel Prizes and Fields Medals	Award	20%
	Highly Cited Researchers	HiCi	20%
Research Output	Papers published in <i>Nature</i> and <i>Science</i> *	N&S	20%
	Papers indexed in Science Citation Index-Expanded and Social Science Citation Index	PUB	20%
Per Capita Performance	Per capita academic performance of an institution	PCP	10%
Total			100%

* For institutions specialized in humanities and social sciences such as London School of Economics, N&S is not considered, and the weight of N&S is relocated to other indicators.

Academic Ranking of World University

Data Sources

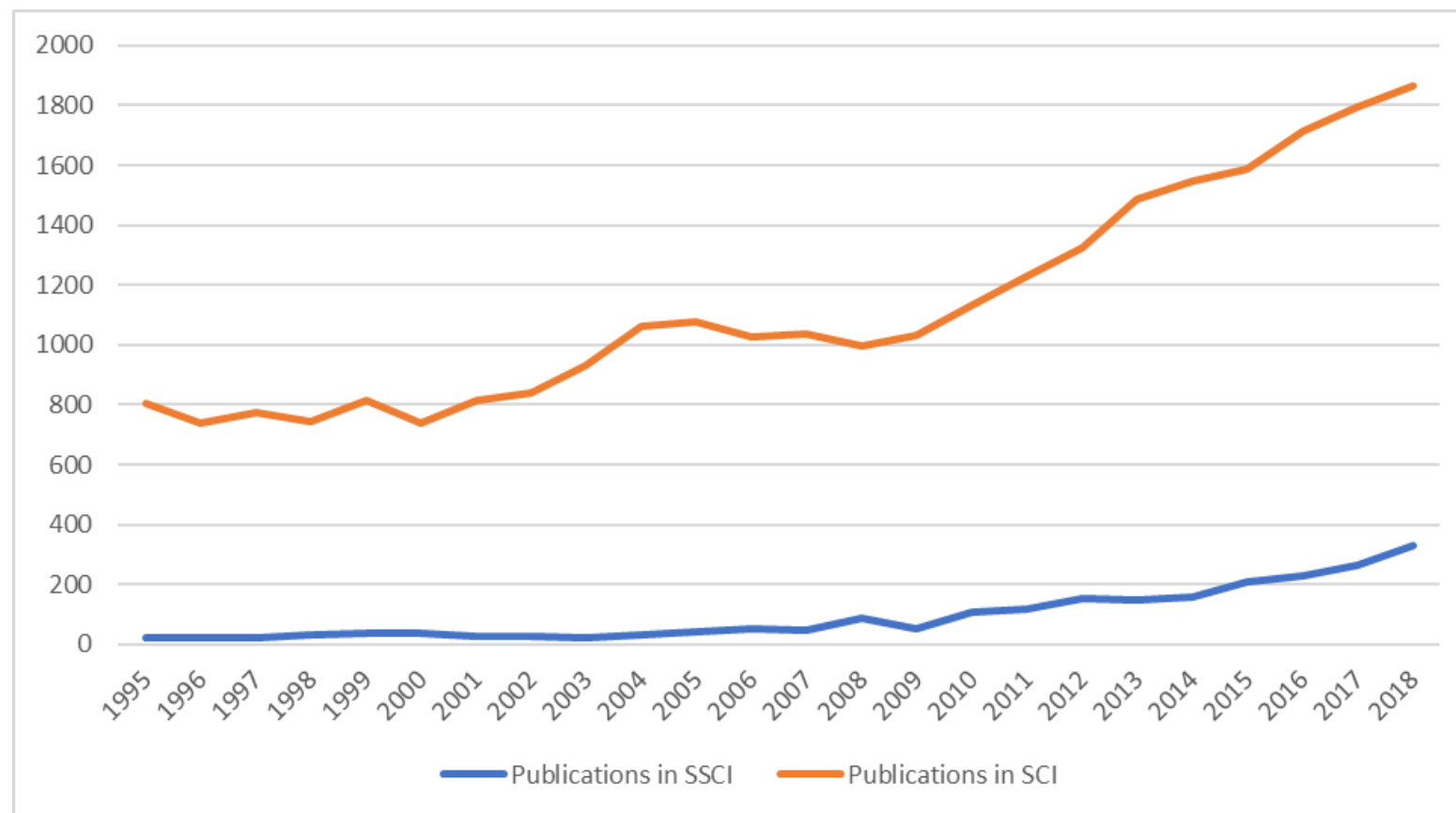
Indicator	Data Source
Nobel Prize	http://www.nobelprize.org/
Fields Medals	http://www.mathunion.org/
HiCi	https://clarivate.com/hcr/
N&S	http://www.webofscience.com/
PUB	http://www.webofscience.com/
Others	Number of academic staff data is obtained from national agencies such as National Ministry of Education, National Bureau of Statistics, National Association of Universities and Colleges, National Rector's Conference.

University of Warsaw – (PUB)

The University of Warsaw has published **1 866 documents in SCIE in 2018**

That represents an increase of **9% in comparison with the previous year.**

Total sum of publications from SCI and SSCI is **40 363 and 2091 in 2018.**



Field: Publication Years	Record Count	% of 40,363	Bar Chart
2019	1,724	4.271 %	■
2018	2,091	5.180 %	■
2017	1,974	4.891 %	■
2016	1,900	4.707 %	■
2015	1,743	4.318 %	■
2014	1,665	4.125 %	■
2013	1,609	3.986 %	■

N&S : Nature & Science

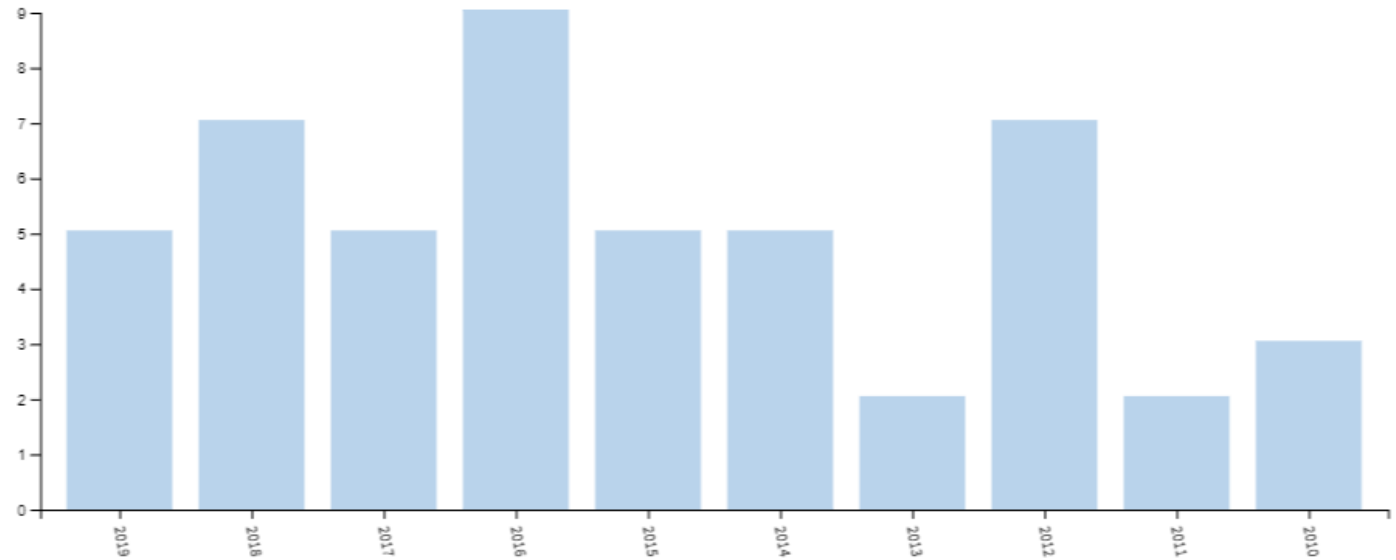
Number of articles published in Nature & Science journals by members of the academic body of the institution in the last five years.

University of Warsaw have published 79 articles in Nature and Science Journals. 7 of them were published in 2018

University of Warsaw Organization-Enhanced

Select available organizations from the Index
Finds papers from organizations with identified name variants.

And Publication Name



Field: Source Titles	Record Count	% of 79
NATURE	56	70.886 %
SCIENCE	23	29.114 %


HiCi : Highly Cited Authors





- This list recognizes world-class researchers selected for their exceptional research performance, demonstrated by production of multiple highly cited papers that rank in the top 1% by citations for field and year in Web of Science.
- That list is published every year by Clarivate.

Highly Cited Researchers 2018

This list recognizes world-class researchers selected for their exceptional research performance, demonstrated by production of multiple highly cited papers that rank in the top 1% by citations for field and year in *Web of Science*.

[Download Executive Summary](#)

Poland Filter categories 

Last Name ▲	First Name	Category	Primary Institution	Primary Region	Secondary affiliation	Profiles
Budaj	Andrzej	Clinical Medicine	Med Univ Warsaw	Poland		
Dudek	Dariusz	Clinical Medicine	Jagiellonian Univ	Poland		
Lissowska	Jolanta	Cross-Field	Maria Curie Mem Canc Ctr Inst Oncology	Poland		
Ponikowski	Piotr	Clinical Medicine	Med Acad Wroclaw	Poland		 
Tendera	Michal	Clinical Medicine	Med Univ Silesia	Poland		
Torbicki	Adam	Clinical Medicine	Ctr Postgrad Med Educ	Poland	European Hlth Ctr Otwock, Poland	

*Only the main affiliation of researchers is in account.
Our team is available to discuss the visibility of your
establishment.*

<https://hcr.clarivate.com>

Subject Ranking: GRAS

Shanghai Ranking

ShanghaiRanking Global Ranking of Academic Subjects GRAS

Definition of Indicators

Indicators	Definition
PUB	PUB is the number of papers authored by an institution in an Academic Subject during the period of 2013-2017. Only papers of 'Article' type are considered. Data are collected from Web of Science and InCites. Papers in different Web of Science categories are grouped into relevant Academic Subjects (Classification of Web of Science Categories into Academic Subjects).
CNCI	Category Normalized Citation Impact (CNCI) is the ratio of citation of papers published by an institution in an Academic Subject during the period of 2013-2017 to the average citations of papers in the same category, of the same year and same type. A CNCI value of 1 represents world-average performance while a value above 1 represents performance above the world average. Only papers of 'Article' type are considered. Data are collected from InCites database.
IC	International collaboration (IC) is the number of publications that have been found with at least two different countries in addresses of the authors divided by the total number of publications in an Academic Subject for an institution during the period of 2013-2017. Only papers of 'Article' type are considered. Data are collected from InCites database.
TOP	TOP is the number of papers published in Top Journals in an Academic Subject for an institution during the period of 2013-2017. Top Journals are identified through ShanghaiRanking's Academic Excellence Survey or by Journal Impact Factor. For Academic Subjects that do not have journals identified by the Survey, the JCR top 20% journals are used. Top 20% journals are defined as their Journal Impact Factors in the top 20% of each Web of Science category according to Journal Citation Report (JCR) 2017, and then aggregated into different Academic Subjects. Only papers of 'Article' type are considered for this indicator.
AWARD	AWARD refers to the total number of the staff of an institution winning a significant award in an Academic Subject since 1981. The significant awards in each subject are identified through ShanghaiRanking's Academic Excellence Survey.

Ranking Strategy Material

- Shanghai Ranking uses InCites to achieve the GRAS ranking.
- With InCites you could monitor your results using similar criteria.
- Our team of consultants can make these dashboards for you.

InCites *Benchmarking & Analytics*

Time Period

Min: 2013 Max: 2017

Adjust the study period to match that chosen by the Shanghai Ranking

Research Area

Schema
Web of Science

Research Area

- ✗ BUSINESS
- ✗ PUBLIC ADMINISTRATION

Reproduce the classification of Shanghai Ranking based on that of the Web of Science

Organization Name

✗ University of Warsaw

Use the same filters and identical selection criteria.

Document Type

✗ Article

Thresholds

Web of Science Documents

Min: 50 Max: 1,364,813

https://incites.clarivate.com/#/reports/dcr_299790/vetagro-sup

U.S. News & World Report Rankings



U.S. News the Best Global Universities Rankings

Founded in 1933, U.S. News & World Report has been covering important issues nationally and globally for 85 years. The company has been at the forefront of measuring academic excellence in higher education for 30+ years.

The overall Best Global Universities rankings encompass the top 1,500 institutions spread across 81 countries, up from 75 countries last year. The first step in producing these rankings, which are powered by **Clarivate Analytics InCites**, involved creating a pool of 1,599 universities that was used to rank the top 1,500 schools.

In addition to the rankings of the world's top 1,500 universities **U.S. News Best Global Universities** rankings include an examination of the leaders in key academic subject areas. U.S. News used a separate methodology to publish the top global universities in **28 subject areas**. The **subject rankings** are powered by **Clarivate Analytics InCites**. Clarivate provided the data and metrics used in the rankings, and the bibliometric data was based on the **Web of Science**.



<https://www.usnews.com/education/best-global-universities/articles/methodology>

U.S. News the Best Global Universities Rankings

Ranking Indicators

The bibliometric indicators are based on data from the [Web of Science](#) for the five-year period from 2013-2017.

RANKING INDICATOR	WEIGHT
Global research reputation	12.50%
Regional research reputation	12.50%
Publications	10%
Books	2.50%
Conferences	2.50%
Normalized citation impact	10%
Total citations	7.50%
Number of publications that are among the 10% most cited	12.50%
Percentage of total publications that are among the 10% most cited	10%
International collaboration	5%
Percentage of total publications with international collaboration	5%
Number of highly cited papers that are among the top 1% most cited in their respective field	5%
Percentage of total publications that are among the top 1% most highly cited papers	5

U.S. News the Best Global Universities Rankings

Reputation Indicators

Reputation Indicators

Results from Clarivate Analytics' [Academic Reputation Survey](#) aggregated for the most recent five years were used to create the two reputation indicators used in U.S. News' ranking analysis.

The survey, which aimed to create a comprehensive snapshot of academics' opinions about world universities, asked respondents to give their views of programs in the disciplines with which they were familiar. This method allowed respondents to rate universities at the field and department level, rather than at the institution level, creating a more specific and accurate measurement of a university's reputation as a whole.

To appropriately represent all regions, Clarivate Analytics took steps to overcome language bias, differing response rates and the geographic distribution of researchers. These steps included:

- Sending an invitation-only survey to academics selected from Clarivate Analytics' databases of published research, based on the estimated geographic proportions of academics and researchers around the world.
- Providing accessibility in seven languages.
- Rebalancing the survey's final results based on the geographic distribution of researchers to overcome differing response rates.
- Excluding respondents' nominations of their own institution or alma mater.

U.S. News the Best Global Universities Rankings

Reputation Indicators

Academic Reputation Survey

The annual academic reputation survey asks members of the academic community to identify the top-performing institutions in research and teaching. Respondents are selected based on their field of study. To ensure statistical rigor, the survey is circulated as invitation-only. The regional distribution for survey circulation follows United Nations percentage estimates of global academic researchers by subcontinent.

This survey is primarily used to quantify academics' opinions regarding both the research and teaching reputations of global academic institutions within their respective disciplinary programs.



Data Collection: April 8th to May 31st, 2019



Respondents: 6,307 respondents representing 123 countries; option to take survey in Chinese, English, French, German, Japanese, Portuguese, or Spanish



Survey Length: 10 to 15 minutes



Methodology: [Online] Computer, Laptop, Tablet, or Smartphone

Respondents were asked to identify the broad subject category in which they primarily worked, as well as the specific discipline. Respondents then identified top institutions within their specific subject, and results were analyzed both overall and at the category level. The survey defines broad subject categories as:

Arts & Humanities

Clinical, Pre Clinical & Health

Engineering & Technology

Physical Sciences

Life Sciences

Social Sciences

The survey is carried out by Ipsos MediaCT

<http://ips.clarivate.com/globalprofilesproject/>

http://ips.clarivate.com/m/pdfs/GIPP_AcamRep_methodology.pdf



U.S. News the Best Global Universities Rankings

Global Universities Search



Rankings Search

[Reset search criteria]

Region

Europe x

Country

Poland x

City

Select city

Subject

Select subject

Name

School name

Showing 1-10 of 33 schools sorted by Country Rank

#1	University of Warsaw Poland Warsaw #286 (tied) – Best Global Universities	57.4 Global Score
#2	Jagiellonian University Poland Kraków #343 (tied) – Best Global Universities	55 Global Score
#3	Warsaw University of Technology Poland Warsaw #611 (tied) – Best Global Universities	45.2 Global Score
#4	AGH University of Science & Technology Poland Kraków #635 (tied) – Best Global Universities	44.7 Global Score
#5	Adam Mickiewicz University Poland Poznań #799 (tied) – Best Global Universities	39.2 Global Score



Live demo

Thank you

<http://clarivate.libguides.com/home>

<https://clarivate.libguides.com/europe/poland>

<https://clarivate.com/>



Marcin Kapczyński

Tel.: +48 693060193

Marcin.Kapczynski@clarivate.com



Dr Klementyna Karlińska-Batres

Tel.: +49 1736779220

Klementyna.Karlińska-Batres@clarivate.com



Radek Budzichowski

+48 691 702 211

Radek.Budzichowski@clarivate.com