



ALTMETRICS - USEFUL WAY FOR SCIENTIFIC COMMUNICATION

Sanja Antonic, Igor Zivanovic, Aleksandra Popovic
University of Belgrade, University Library "Svetozar
Markovic"

Altmetrics



University of Belgrade - University Library "Svetozar Markovic"

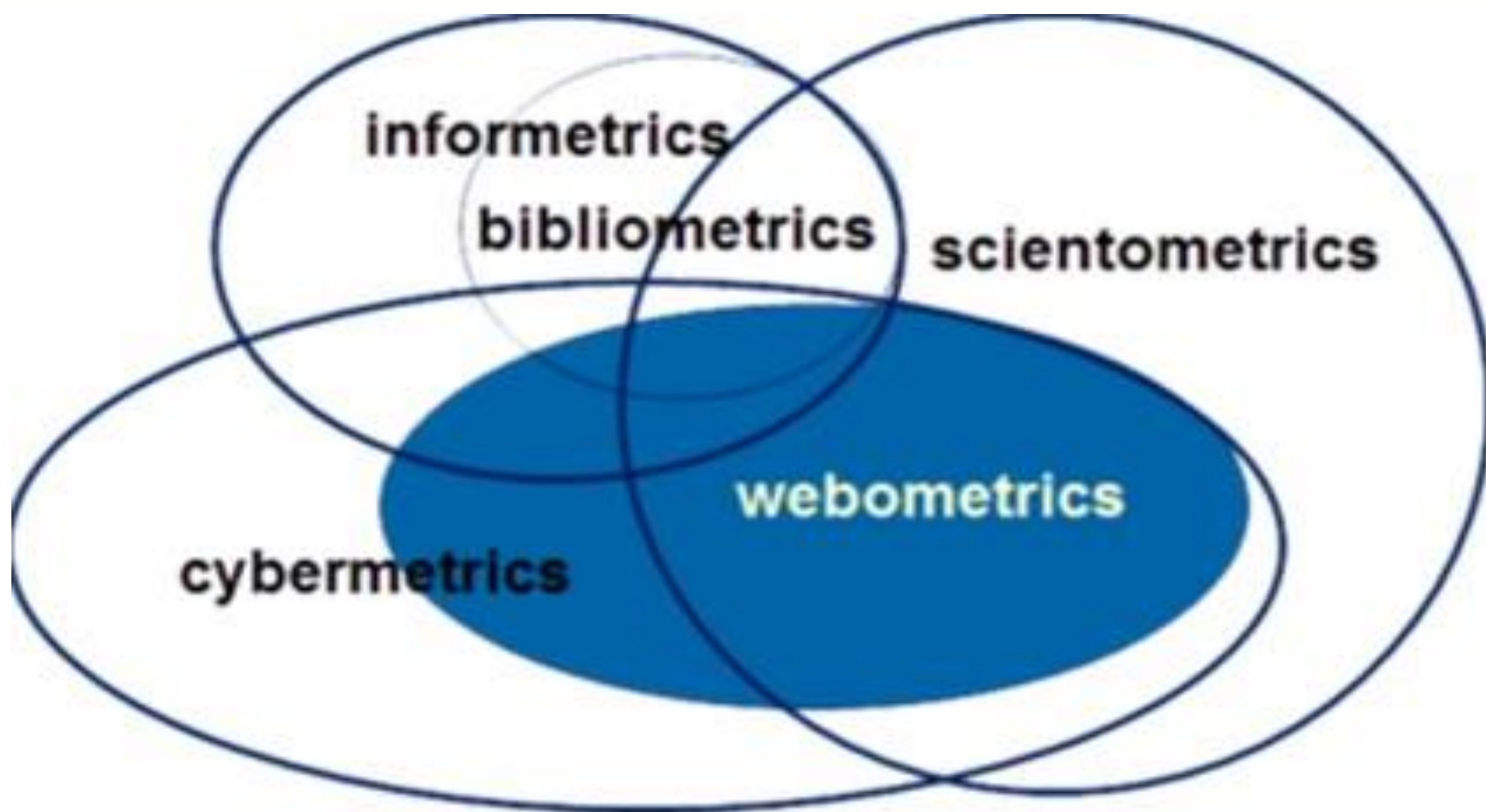
Altmetrics is alternative metrics based on web metrics, which measures impact of different sources on the web and it gives more detailed information than classical bibliometric indicators.

Every country measures impact of its science, researchers, scientific institutions and laboratories through official bibliometric indicators, but the prominence of papers becomes higher if alternative metrics is used.

Correlation between different concepts for evaluation of science



University of Belgrade - University Library "Svetozar Markovic"



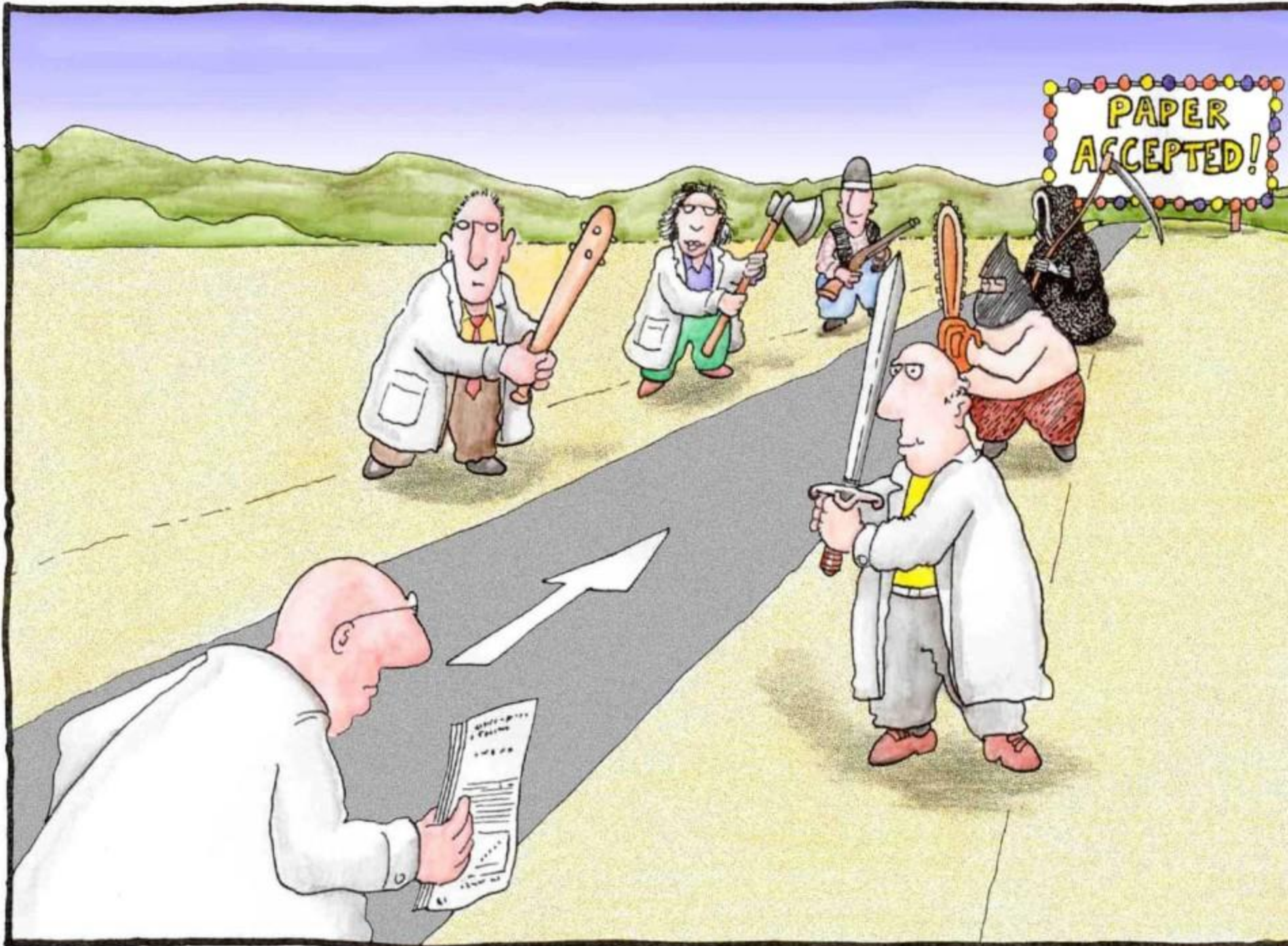
Bibliometrics



University of Belgrade - University Library "Svetozar Markovic"

Scientists worldwide publish their research in scientific publications or on web pages (digital repositories). Before publication the majority of scientific results has to be peer reviewed by experts in specific fields.

After publication, scientific results are available to wider scientific community which uses them in a usual ethical way which is obeyed in scientific circles, i.e. it correctly cites these results.






Cybermetrics or webometrics is evaluation of everything on the Internet.

Bibliometrics and scientometrics are two close concepts whose aim is to evaluate scientific material on the Internet and in science overall. Naturally, bibliometrics uses specific citation bases.

CWTS Leiden Ranking 2016 for Europe










University of Belgrade - University Library "Svetozar Markovic"

 **CWTS Leiden Ranking**

Leiden University

[Home](#) | [Ranking](#) | [Information ▼](#) | [Downloads](#) | [Products](#)

	University		P	P(top 10%)	PPC
51	RWTH Aachen Univ		5072	582	
52	Charles Univ - Prague		5046	306	
53	Natl & Kapodistrian Univ Athens		4893	367	
54	Univ Belgrade		4865	238	
	University of Belgrade				
55	Univ Bern		4847	616	
56	Univ Naples Federico II		4844	427	
57	Tech Univ Denmark		4818	689	

University of Belgrade by disciplines



University of Belgrade - University Library "Svetozar Markovic"

CWTS Leiden Ranking

Leiden University

CWTS

CWTS B.V.

Other CWTS sites ▼

Home

Ranking

Information ▼

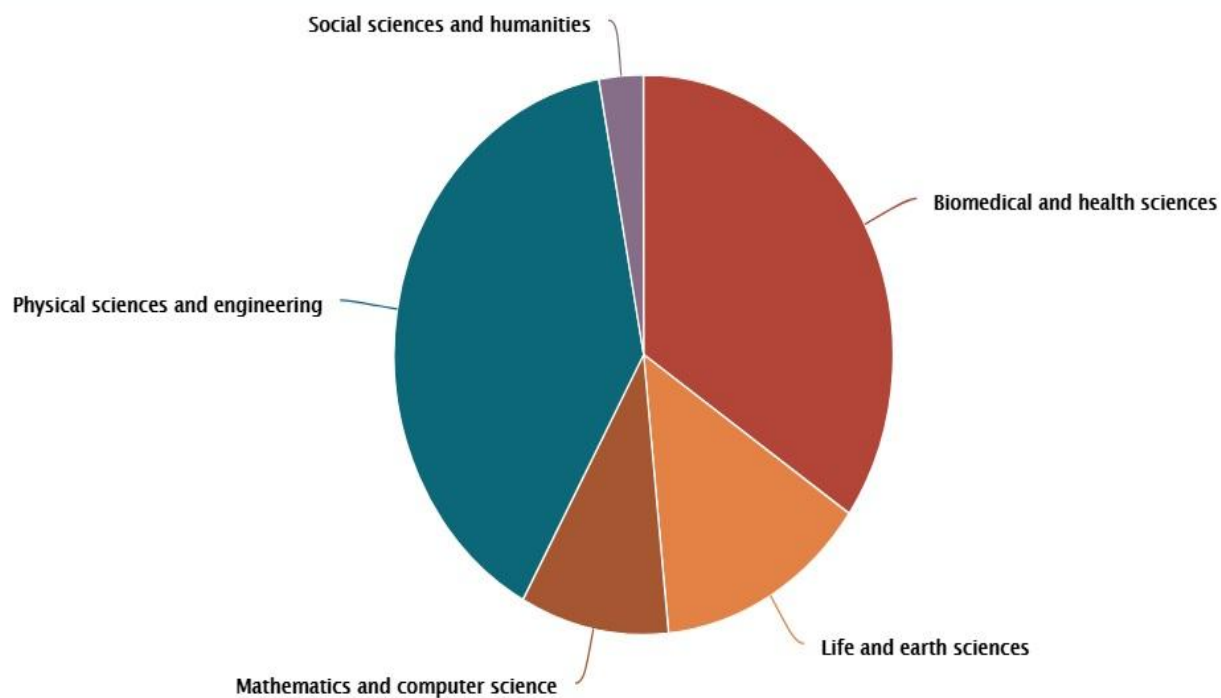
Downloads

Products

Links

Contact ▼

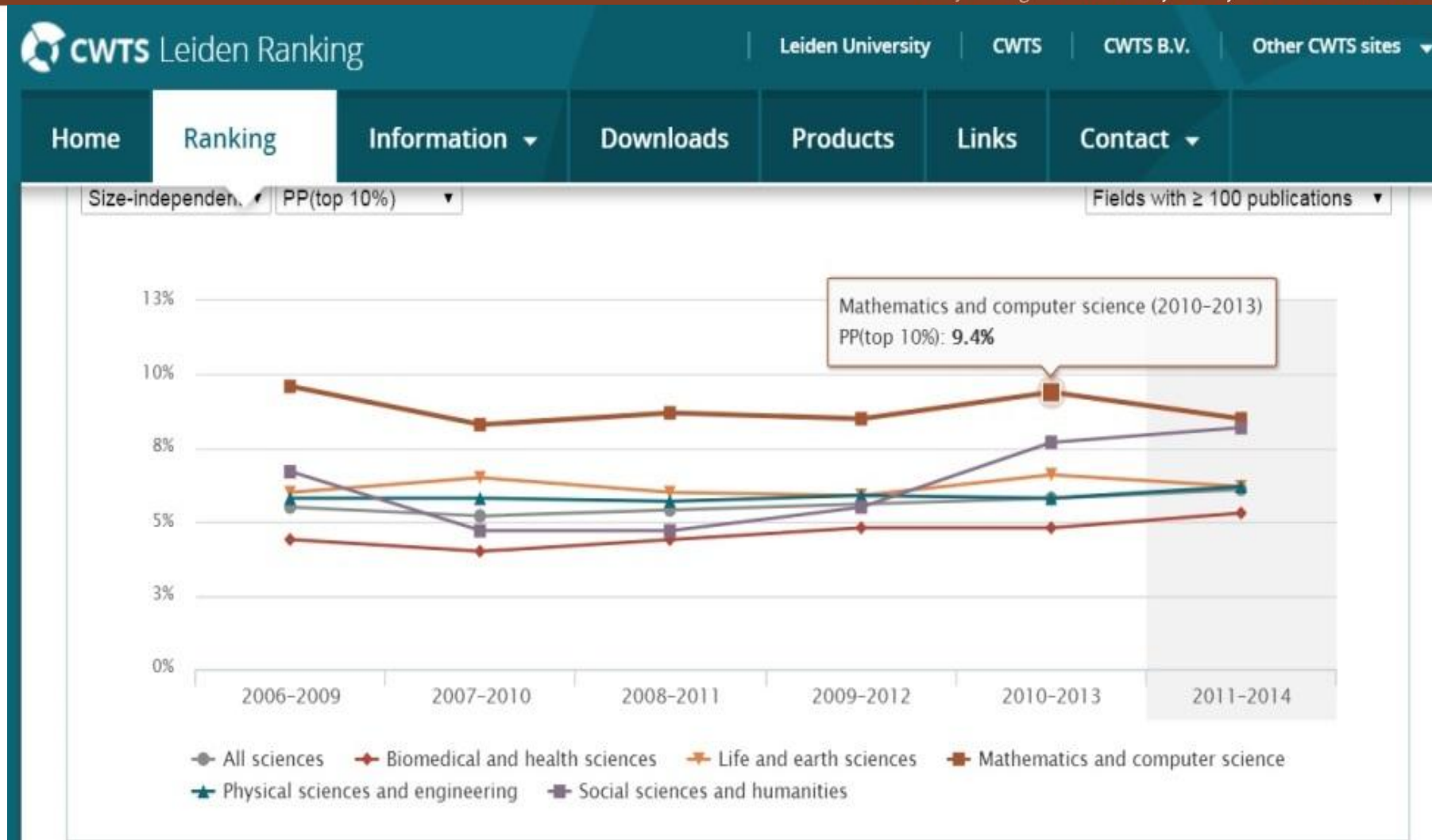
Publication output per field (2011-2014)



University of Belgrade by different disciplines (2006 – 2014)



University of Belgrade - University Library "Svetozar Markovic"



Charles University - Prague by different disciplines



University of Belgrade - University Library "Svetozar Markovic"

CWTS Leiden Ranking

Leiden University

CWTS

CWTS B.V.

Other CWTS sites

Home

Ranking

Information

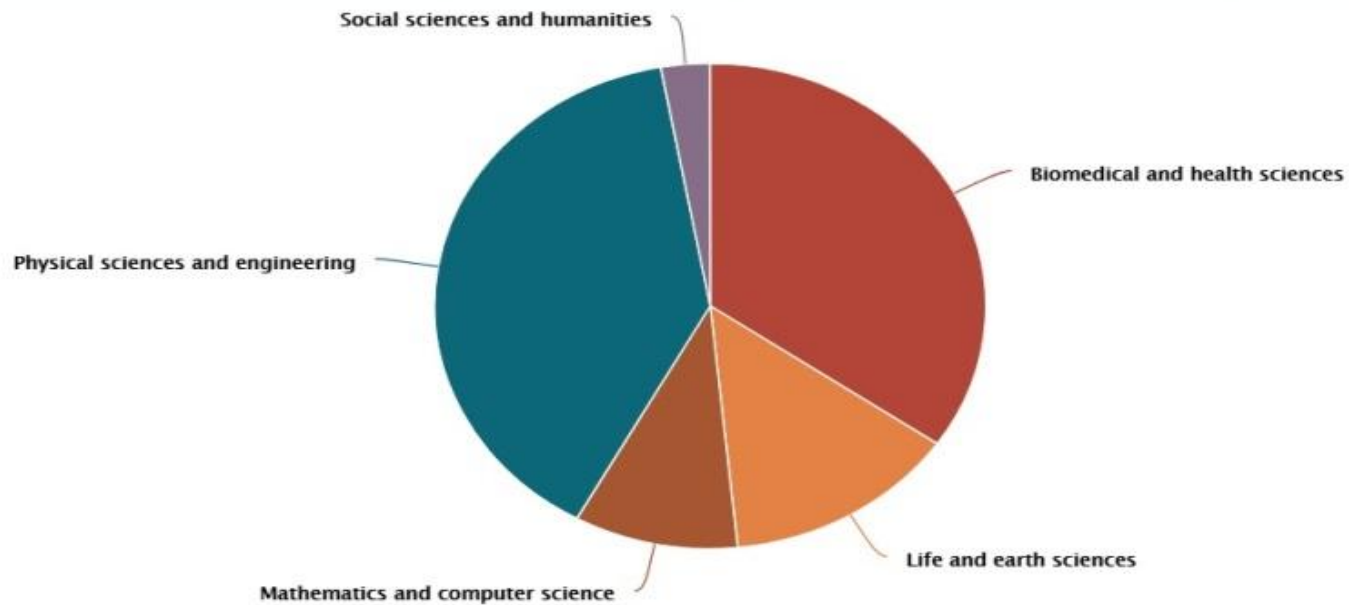
Downloads

Products

Links

Contact

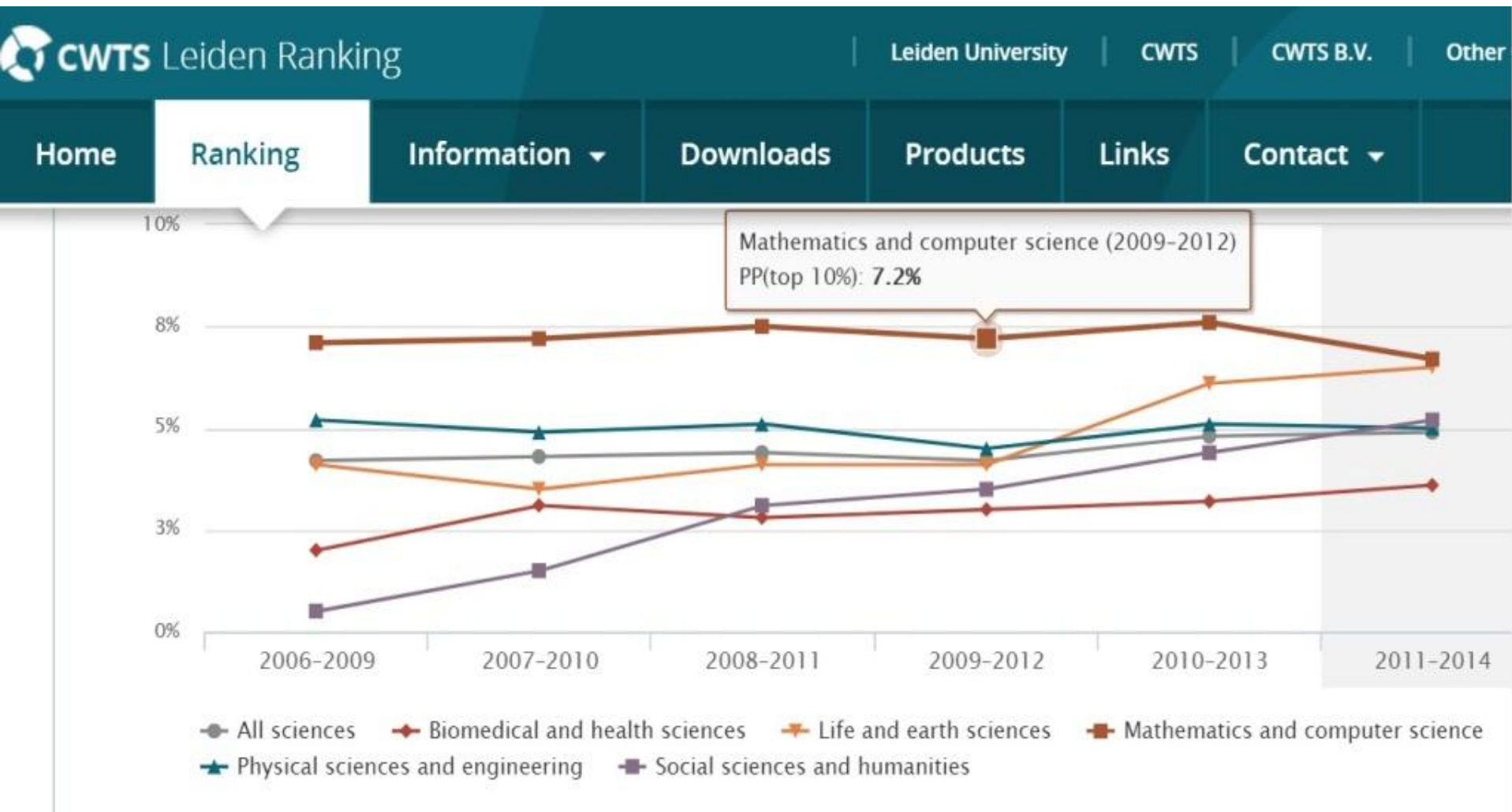
Publication output per field (2011–2014)



Charles University - Prague by different disciplines (2006 – 2014)



University of Belgrade - University Library "Svetozar Markovic"



Altmetrics-services and sources



University of Belgrade - University Library "Svetozar Markovic"



Altmetrics in practice



University of Belgrade - University Library "Svetozar Markovic"

The following Altmetrics services are used:

1. **Altmetric** : <http://www.altmetric.com/>
2. **ImpactStory** : <https://impactstory.org/>
3. **PLOS** : <http://article-level-metrics.plos.org/>
4. **Plum Analytics Analytics** :
[http:// http://www.plumanalytics.com/](http://www.plumanalytics.com/)

Altmetric :

<http://www.altmetric.com/>



University of Belgrade - University Library "Svetozar Markovic"



? What is this page?

📌 Embed badge

🔗 Share

Public health: The toxic truth about sugar

Overview of attention for article published in Nature, February 2012



Colors of the donut

The colors of the Altmetric donut each represent a different source of attention:

- | | |
|-------------------------------|----------------------|
| Policy documents | Google+ |
| News | LinkedIn |
| Blogs | Reddit |
| Twitter | Faculty1000 |
| Post-publication peer-reviews | Q&A (stack overflow) |
| Facebook | Youtube |
| Sina Weibo | Pinterest |
| Wikipedia | |

The amount of each color in the donut will change depending on which [sources](#) a research output has received attention from:



ImpactStory :

<https://impactstory.org/>



University of Belgrade - University Library "Svetozar Markovic"

4268 ONLINE MENTIONS OVER 1 YEARS

 **+ 187 tweets** [click to show](#)
a day ago





 **Los artículos científicos toman un atajo 'on line'**
a month ago by La Vanguardia
 *The Case for Open Preprints in Biology*

 **+ 2 tweets** [click to show](#)
a month ago

 **Los artículos científicos toman un atajo 'on line'**
2 months ago by SINC - Servicio De Información Y Noticias Científicas
 *The Case for Open Preprints in Biology*

 **+ 34 tweets** [click to show](#)
2 months ago

Filter by channel

-  Tweets (3.9k )
-  Google+ posts (126)
-  Blog posts (120)
-  Facebook pages (36)
-  News mentions (9)
-  Reddit posts (8)
-  Q&A post mentions (7)
-  Wikipedia articles (6)
-  F1000 reviews (4)
-  Public peer reviews (2)
-  Weibo posts (1)

 also from '14: <https://plus.google.com/+MarkGerstein/posts/D8kYoqiWL1P> Best Practices for Sci Computing... also from '14: <https://plus.google.com/+MarkGerstein/posts/D8kYoqiWL1P> Best Practices ...

Discover the online impact of your research:

 Join for free with Twitter

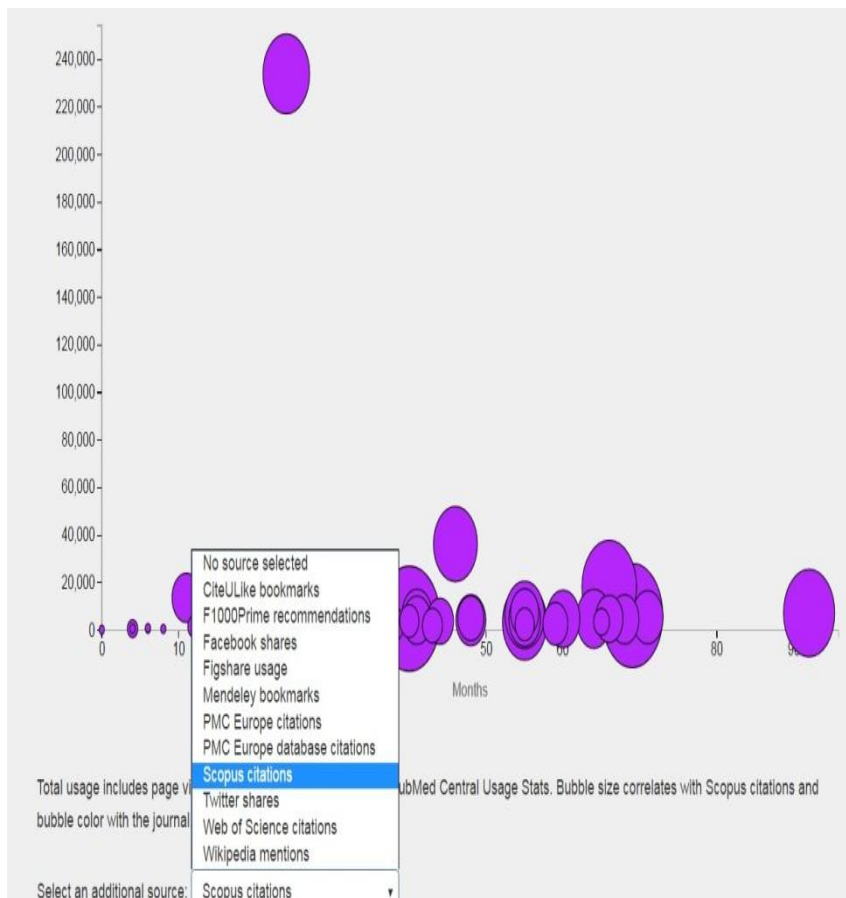
PLOS <http://article-level-metrics.plos.org/>

On the example 25 of the most cited papers in Serbia

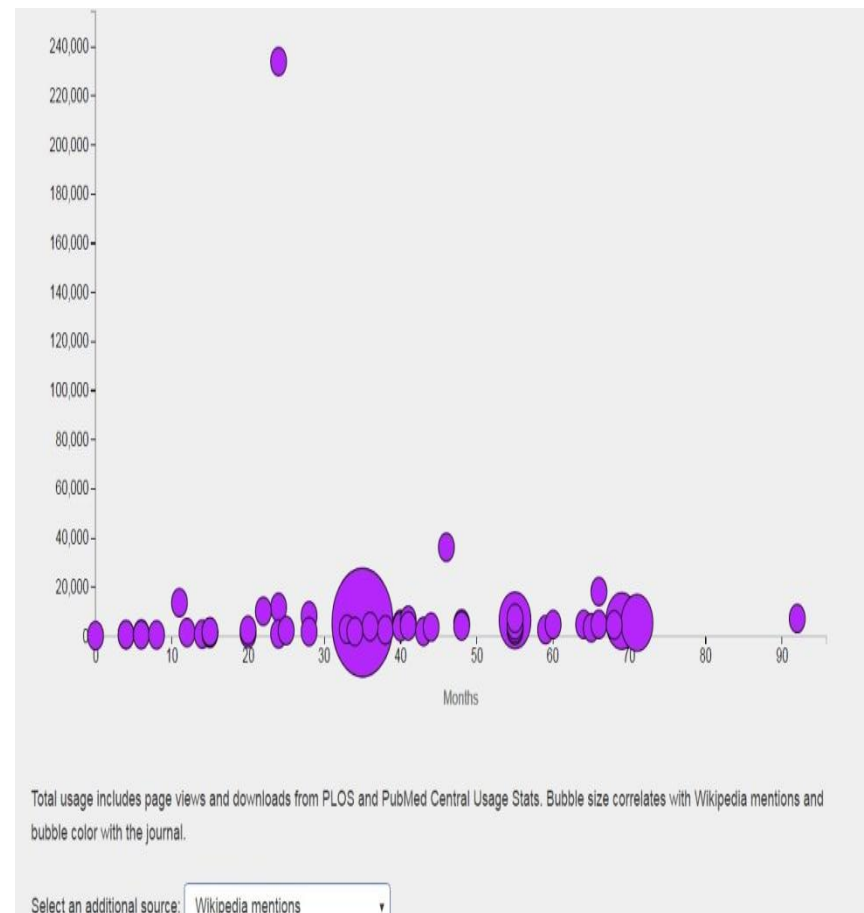


University of Belgrade - University Library "Svetozar Markovic"

Default search is Scopus citations



Wikipedia mentions



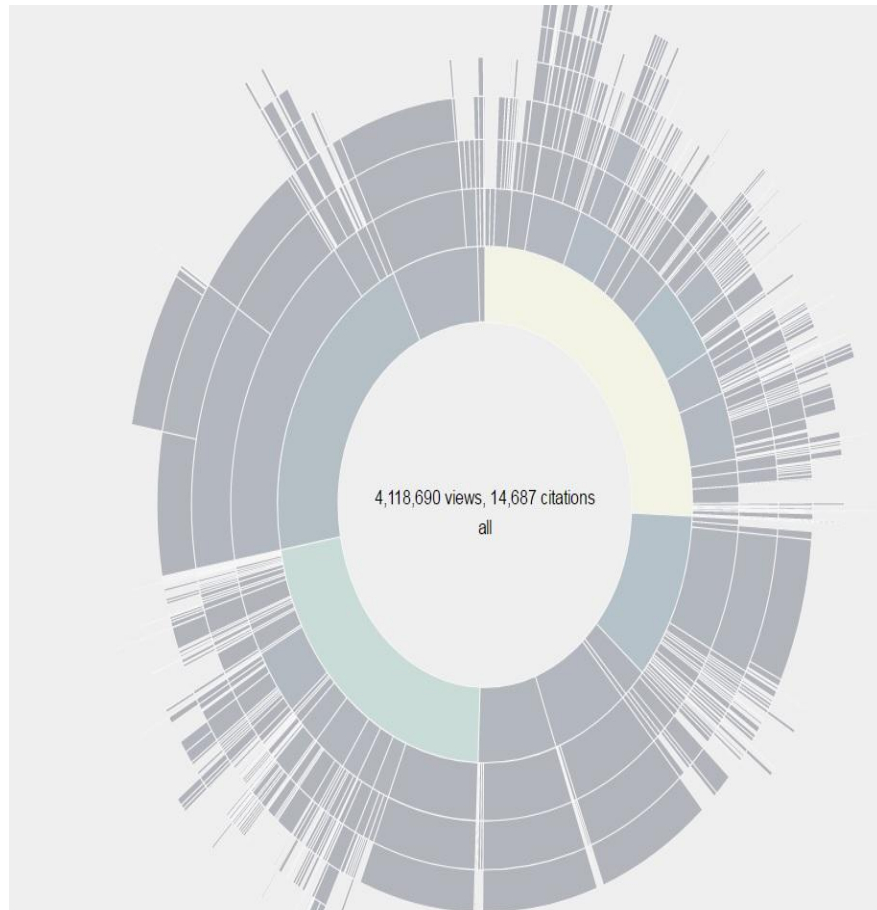
PLOS :

<http://article-level-metrics.plos.org/>

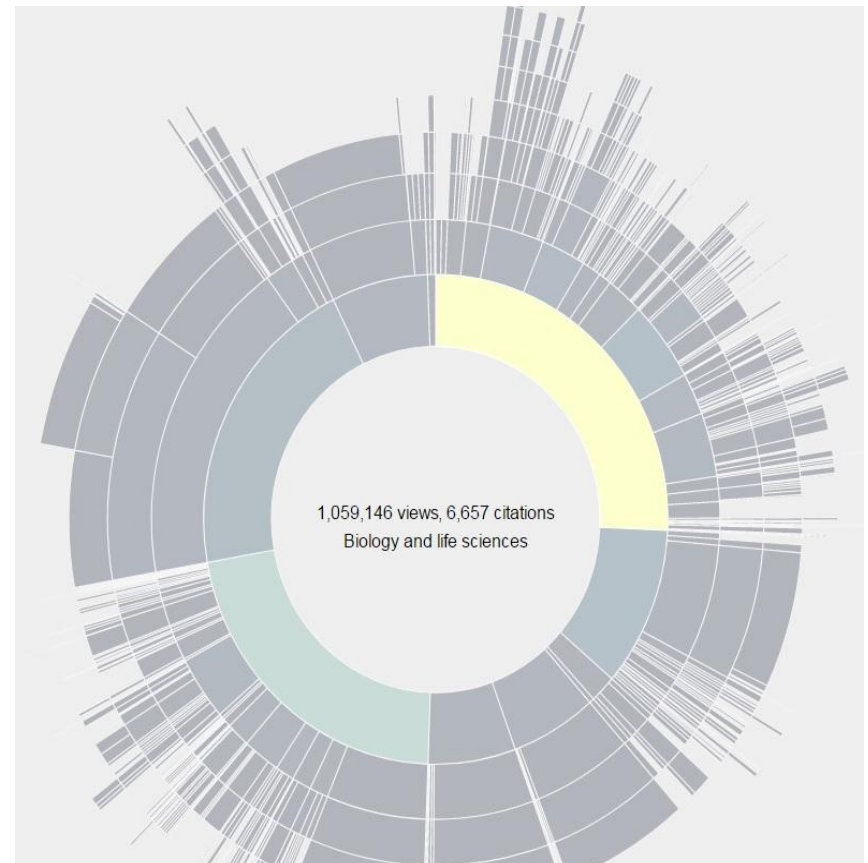


University of Belgrade - University Library "Svetozar Markovic"

Serbia: Number of views and citation



Serbia: Biology and life sciences are the most representative.



Plum Analytics

<http://www.plumanalytics.com/>



University of Belgrade - University Library "Svetozar Markovic"



Their motto is: “Research output is more than articles. Measure it ALL!”

Increase Visibility



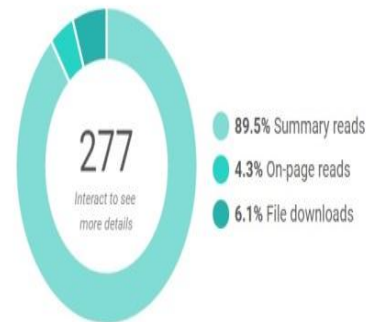
University of Belgrade - University Library "Svetozar Markovic"

ResearchGate - RG profile

ResearchGate (RG) profile header for Sanja Antonic. The header includes navigation links (HOME, QUESTIONS, JOBS), a search bar, and a profile picture. The profile information shows Sanja Antonic, MSc, with a bio: "Information Professional for Biomedicine and Biotechnolo... University of Belgrade, Belgrade - Scientific department for...". Below the profile picture is a blue button that says "Add a new Article" with a dropdown arrow and an upload icon. At the bottom, there are tabs for Overview, Contributions, Info, Stats, and Scores.

A banner celebrating a milestone: "Congratulations Your publications reached 900 reads". It features social media icons for Facebook, LinkedIn, Twitter, and Google+. The achievement is dated "Achieved on May 10th". To the right, a message asks "Do you have more work you can add?" and provides instructions: "Add it to your profile to create visibility for more of your work and boost your stats totals." Below this is a button labeled "Add more research".

Papers share via Facebook and Twitter



- Article
- WEB OF SCIENCE KAO IZVOR PODATAKA O VREDNOVANJU NAUCHNOISTRAZIVACKIH REZULTATA 74
Ružica Petrović, Jelena Jakić, Sanja Antonic
-
- Article
- Antonić, S., Krimulović, O., & Kavaja Stanišić, D. (2009). Analiza citiranosti: trenutno stanje i pe... 65
Sanja Antonic
-
- Article
- Кооперативан рад на доградњи Српског Wordneta 47
Cvetana Krstev, Bojana Djordjevic, Ljiljana Macura
-
- Conference Paper
- The Role of National Citation Index in the Evaluation of National Science 40
Aleksandra Popovic, Sanja Antonic, Dragana Stolic
3rd International Conference The Future of Information Sciences (INFUTURE) INFUTURE2011: "Information Sciences and e-Society", http://infoz.ffzg.hr/bookstore/files/INFUTURE2011.pdf, 11/2011
DOI:10.13140/RG.2.1.2415.6649

Increase Visibility- results



University of Belgrade - University Library "Svetozar Markovic"

Pick of the chart -278 reads



Reads by countries

Reads by institution



University of Belgrade
Belgrade, Serbia

13



Dalhousie University
Halifax, Canada

6



Saint Petersburg State University
Saint Petersburg, Russia

8



Azerbaijan National Academy of Sciences
Baku, Azerbaijan

2

Reads by country

[See more](#)



Serbia

217



Germany

9



Russia

8



Croatia

8



United States

7



Bosnia and Herzegovina

7



Austria

4

[Learn more](#)

Future ?



University of Belgrade - University Library "Svetozar Markovic"



<http://blogs.plos.org/absolutely-maybe/files/2017/04/Twitteromics.jpg>



University of Belgrade - University Library "Svetozar Markovic"

Thank You for Your Attention!