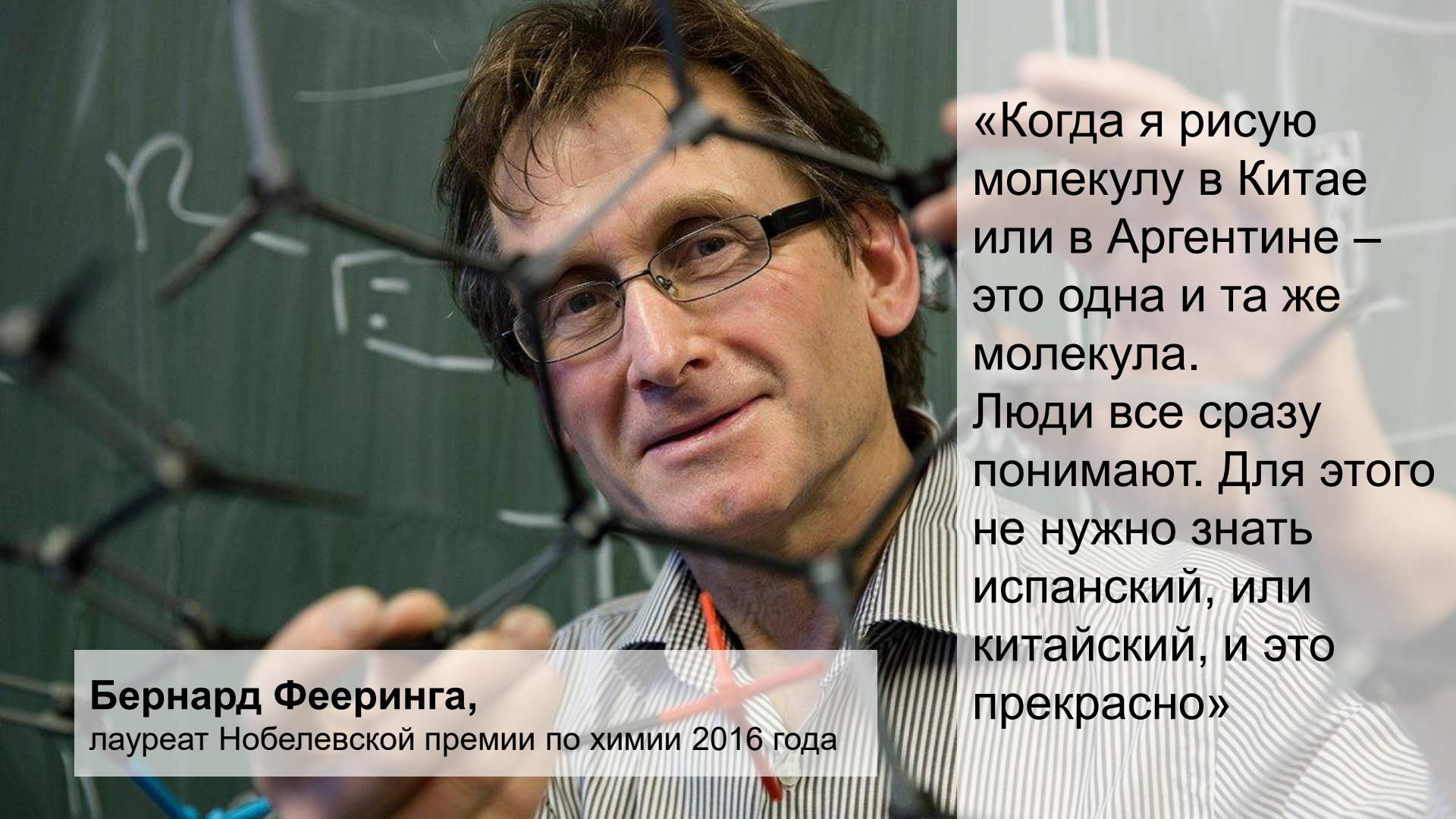




# **Некоммерческие источники данных для наукометрических исследований**

Сергей Назаровец

A photograph of Bernard Feringa, a Dutch chemist, in a lecture hall. He is wearing glasses and a striped shirt, looking towards the camera with a slight smile. In the foreground, a hand is holding a ball-and-stick molecular model of a complex organic structure. The background is a chalkboard with some chemical structures drawn on it.

**Бернард Фееринга,**  
лауреат Нобелевской премии по химии 2016 года

«Когда я рисую молекулу в Китае или в Аргентине – это одна и та же молекула. Люди все сразу понимают. Для этого не нужно знать испанский, или китайский, и это прекрасно»

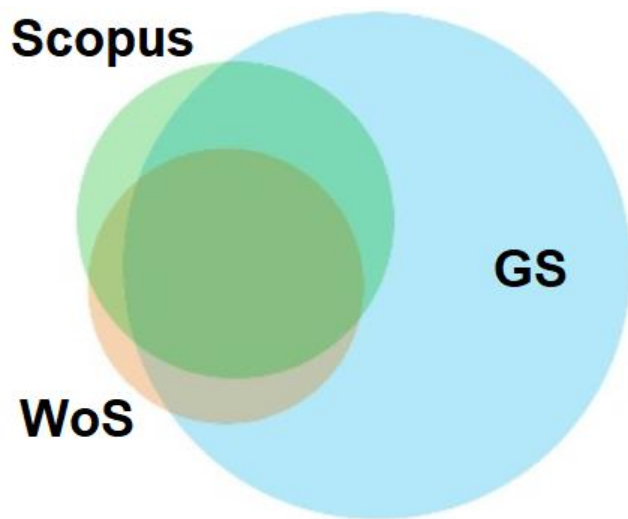


- Селезнёва, А. В. «О некоторых аспектах совершенствования налогового законодательства Республики Беларусь» (2018).

- Зданович, Владимир.  
«Формирование имиджа Беларуси через спорт больших достижений» (2017).



# Как количественно исследовать гуманитаристику?



- 60% всех цитирований документов в области искусства и гуманитарных наук отсутствуют в Scopus и Web of Science.

- Alberto Martín-Martín, Emilio Delgado López-Cózar «Google Scholar's citation graph: comprehensive, global... and inaccessible». Open Citations seminar, Uppsala, Sweden, 23.05.2018. – <https://www.slideshare.net/albertomartin101/google-scholars-citation-graph-comprehensive-global-and-inaccessible>

# Какие реферативные базы используют ученые в социогуманитарных науках

**Table 1.**

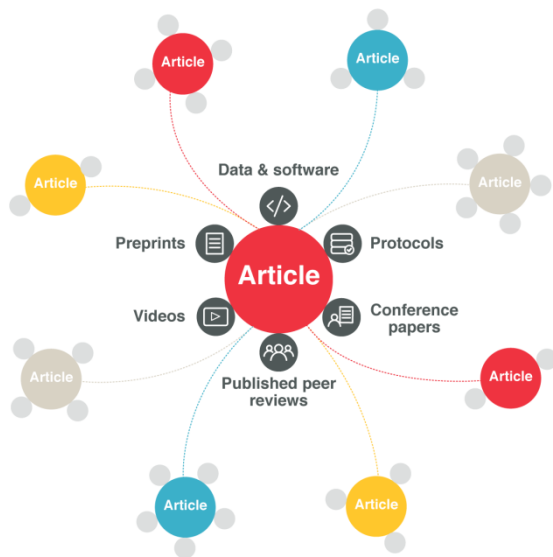
Overview of identified national bibliographic databases for SSH

Country	National bibliographic database <sup>a</sup>	Any academic discipline <sup>b</sup>	More than one research output type and more than one language <sup>c</sup>	Database analysed in the Stage 2
Albania	Database is being implemented	-	-	-
Austria	-	-	-	-
Belgium	Flemish Academic Bibliographic Database for the SSH (VABB-SHW)	No	Yes	Yes
Bosnia and Herzegovina	-	-	-	-
Bulgaria	-	-	-	-

- В исследовании европейских и израильских реферативных баз упомянуто 21 национальную базу. **Без упоминания белорусских, или украинских баз.**

- Linda Sīle, Janne Pölonen, Gunnar Sivertsen, Raf Guns, Tim C E Engels, Pavel Arefiev, Marta Dušková, Lotte Faurbæk, András Holl, Emanuel Kulczycki, Bojan Macan, Gustaf Nelhans, Michal Petr, Marjeta Pisk, Sándor Soós, Jadranka Stojanovski, Ari Stone, Jaroslav Šušol, Ruth Teitelbaum; Comprehensiveness of national bibliographic databases for social sciences and humanities: Findings from a European survey, Research Evaluation, <https://doi.org/10.1093/reseval/rvy016>

# Регистрационное агентство Crossref



- Присваивает уникальные идентификаторы [DOI](#);
- [Crossref](#) позволяет издателям передавать метаданные различным библиографическим базам;
- Программа [Cited-by](#) предлагает подсчитать ссылки между различными научными документами;
- Возможность поддержать инициативу [Initiative for Open Citations \(I4OC\)](#), которая стремится сделать данные о научном цитировании открытыми для всех.



# Crossref JSON & Crossref API

open citation

g Data Link References Status API Help Serhii Nazarovets

SORT BY: **RELEVANCE** PUBLICATION YEAR PAGE 1 OF 389,415 RESULTS

**Unified Citation Management and Visualization Using Open Standards**  
Chapter published in Advanced Topics in Information Technology Standards and Standardization Research, Volume 1  
Authors: Mark Ginsburg  
<https://doi.org/10.4018/9781591409380.ch013> Actions ADD TO ORCID

**Unified Citation Management and Visualization Using Open Standards**  
Chapter published in Advanced Topics in Information Technology Standards and Standardization Research, Volume 1  
Authors: Mark Ginsburg  
<https://doi.org/10.4018/9781591409380.ch013.ch000> Actions ADD TO ORCID

**The Open Access Citation Advantage**  
published 1 Aug 2017  
Authors: Jon Tennant  
<https://doi.org/10.14293/s2199-1006.1.sor-edu.clpdpzb.v1> Actions ADD TO ORCID

**The Effect of Open Access on Citation Impact: A Comparison Study Based on Web Citation Analysis**

<https://search.crossref.org>

Search or jump to... Pull requests Issues Marketplace Explore

CrossRef / rest-api-doc Watch 54 Star 323 Fork 114

Code Issues 78 Pull requests 0 Projects 0 Wiki Insights

Documentation for Crossref's REST API

286 commits 4 branches 0 releases 19 contributors View license

Branch: master New pull request Create new file Upload files Find file Clone or download

Commit	Message	Time
gblider Merge pull request #414 from Daniel-Mietchen/patch-3	Latest commit 1c7f2a1 3 days ago	
demos	fix a bunch of reported typos	7 months ago
deprecated	Merge branch 'patch-1' of https://github.com/pietsch/rest-api-doc int...	7 months ago
examples	update example email addresses in sample deposit files.	a year ago
.gitignore	Added a .gitignore and deleted the pesky .DS_Store file.	4 years ago
LICENSE	clarified license of the documentation (as opposed to metadata)	a year ago
README.md	typo fix	2 months ago
api_format.md	Update api_format.md	6 months ago

<https://github.com/CrossRef/rest-api-doc>

# OpenCitations Index of Crossref (COCI)

OpenCitations

Home About Corpus Model Download Sparql Search Oci **Index** Publications Licenses Contacts

Back to search

Search...

Number of rows per page: 10 Export results Sort: None

Limit to 53/53 results

< Fewer More >

All Show only Exclude

Select Creation V

2013 (53)

OCI	Citing DOI	Citing reference	Cited DOI	Cited reference	Creation	Timespan (days)
02001010	10.1186/175	Akinleye, A., Chen,	10.1002/ajh.	Bam, R., Ling, W.,	2013	0
80636010	6-8722-6-59	Y., Mukhi, N., Song,	23433	Khar, S., Pennisi,		
70506630		Y., & Liu, D. (2013).		A., Venkateshaiah,		
80702026		Ibrutinib and novel		S. U., Li, X., ...		
30663050		BTK inhibitors in		Yacoby, S. (2013).		
9-		clinical		Role of Bruton's		
02001000		development.		tyrosine kinase in		
00236101		Journal of		myeloma cell		
91737020		Hematology &		migration and		
3040303		Oncology, 6(1), 59.		induction of bone		
		https://doi.org/10.11		disease. American		

- В новом релизе COCI доступны **450 миллионов DOI-to-DOI ссылок**

<http://opencitations.net/index/coci/search>

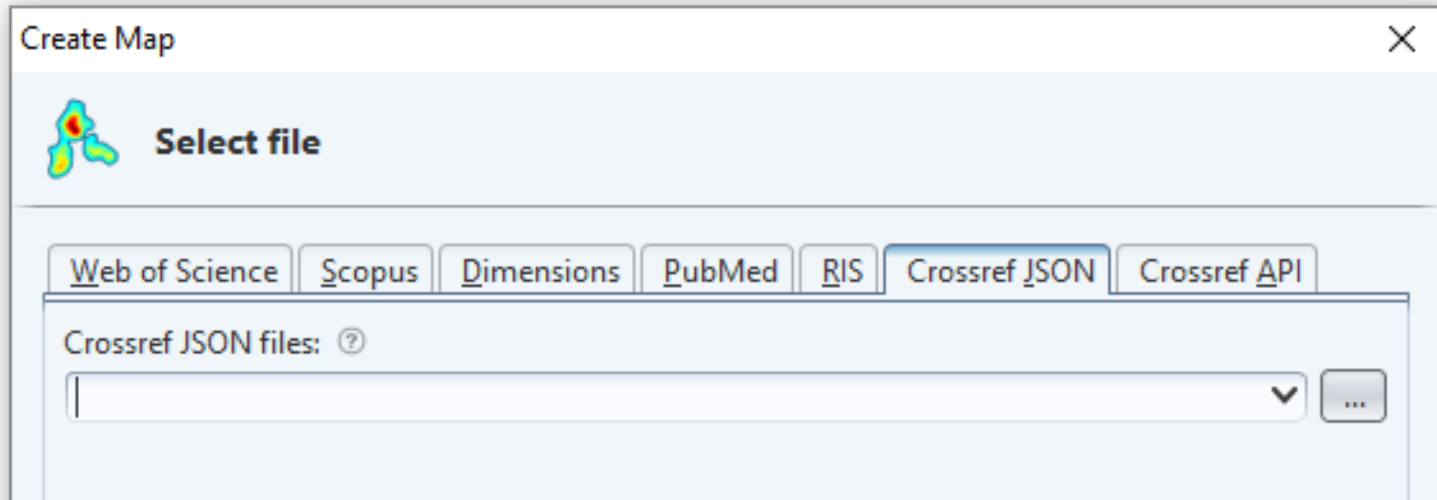


# VOSviewer



- Программа разработанная сотрудниками Центра исследований науки и технологий Лейденского университета и распространяется бесплатно <http://www.vosviewer.com>

# Источники импорта данных в VOSviewer



# Dimensions

The screenshot displays the Dimensions web application interface. At the top, the Dimensions logo is on the left, and a search bar contains the text 'ENERGETIKA Proceedings of Cl...'. To the right of the search bar are 'Save / Export' and 'Support' links. A user profile icon for 'Serhii Na...' is also visible.

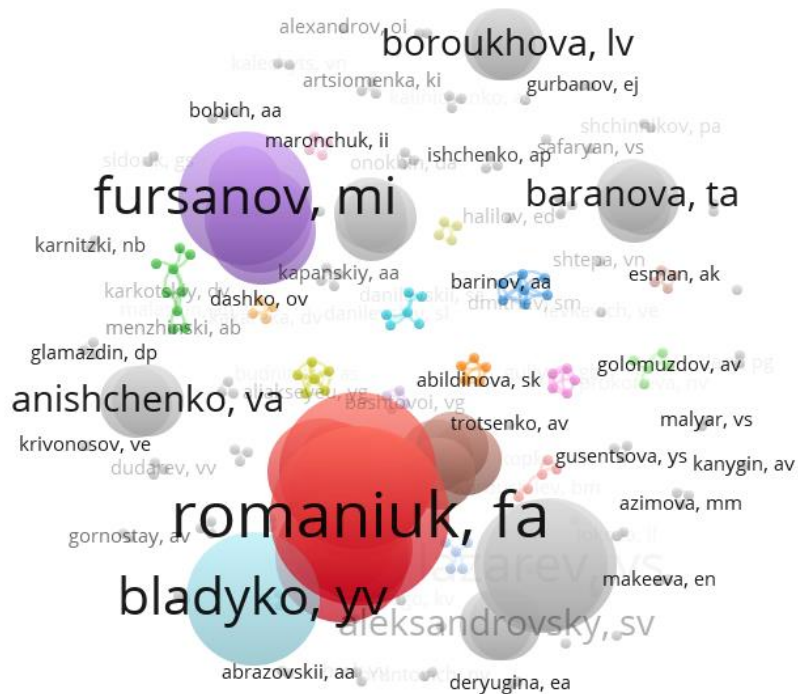
On the left side, there is a navigation menu with 'FILTERS' and 'FAVORITES' tabs. Under 'FILTERS', there are expandable sections for 'PUBLICATION YEAR', 'RESEARCHER', 'FIELDS OF RESEARCH', 'PUBLICATION TYPE', and 'SOURCE TITLE'. The 'SOURCE TITLE' section is expanded, showing a selected filter: 'ENERGETIKA Proceedings of CIS 131'.

The main content area shows the search results for 'ENERGETIKA Proceedings of CIS higher and power engineering associations'. It displays a total of 131 publications. Below this, there are two columns of metrics: 'SNIP' (0.000) and 'SJR' (0.000). A 'PUBLICATIONS 131' section is visible, with a 'Sort by: Publication Date' dropdown menu. A sample publication is shown with the title 'Regularities of the Development of Coastal Processes on Water Reservoirs of Hydroelectric Power Plants of Belarus' by V. E. Levkevich, published in 2018. Below the title are options to 'Add to Library' and 'Add to ORCID'.

On the right side, there is an 'ANALYTICAL VIEWS' section with a 'FIELDS OF RESEARCH' dropdown menu. The selected field is '0906 Electrical and Electronic Engineering' with 15 publications. Other fields listed include '0915 Interdisciplinary Engineering' (13), '0912 Materials Engineering' (9), '0104 Statistics' (5), and '0101 Pure Mathematics' (4). Below this is an 'OVERVIEW' section with a line graph showing 'RCR Mean' and 'FCR Mean' over time. The RCR Mean is 0.00 and the FCR Mean is 0.00. The graph shows a sharp increase in RCR Mean starting in 2016, reaching approximately 50 by 2017 and 2018.

<https://app.dimensions.ai/discover/publication>

# Анализ данных Dimensions в VOSviewer



- Визуализация сети соавторов журнала «Энергетика»  
ISSN: 1029-7448 (Print)  
ISSN: 2414-0341 (Online)

# ScientoMiner ICR



<https://doi.org/10.5281/zenodo.1215008>

- Модуль ScientoMiner ICR для **Gephi** доступен бесплатно для использования в некоммерческих целях.

# Импорт данных из Crossref по ISSN

Gephi 0.9.2 - Project 1  
File Workspace View Tools Window Help

Overview Data Laboratory Preview

Workspace 1

ScientoMiner ICR

Import from CrossRef  
referenes of articles About

ISSN 1029-7448

From date 2015-01-01

To date 2017-12-31

predecorate graph  DOIs only

Download data in chunks

10  50  100  
 200  500  1000

Replace Append

Appearance Layout

---Choose a layout

Run

Presets... Reset

Graph Draging (Configure)

Context

Nodes: 144  
Edges: 44  
Directed Graph

Filters Statistics

Reset

Library

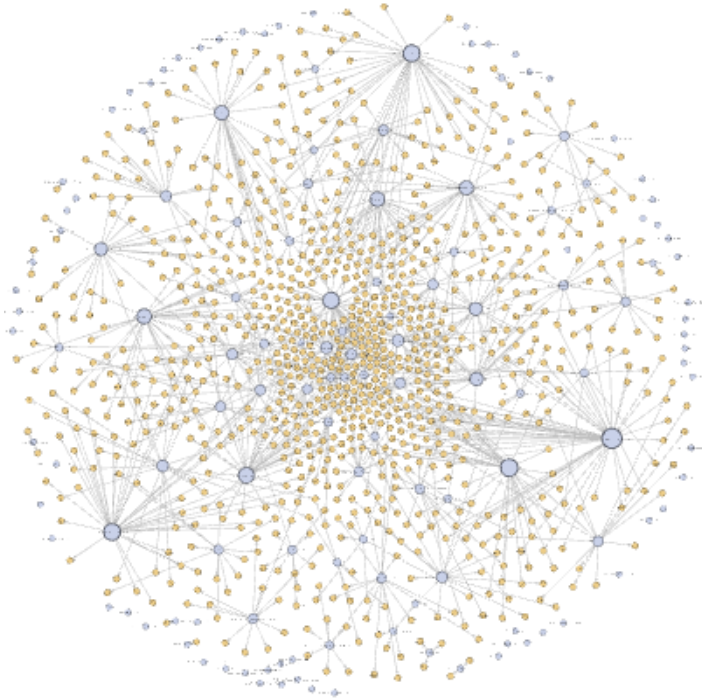
- Attributes
- Dynamic
- Edges
- Operator
- Topology
- Saved queries

Queries

Drag filter here

Select Filter

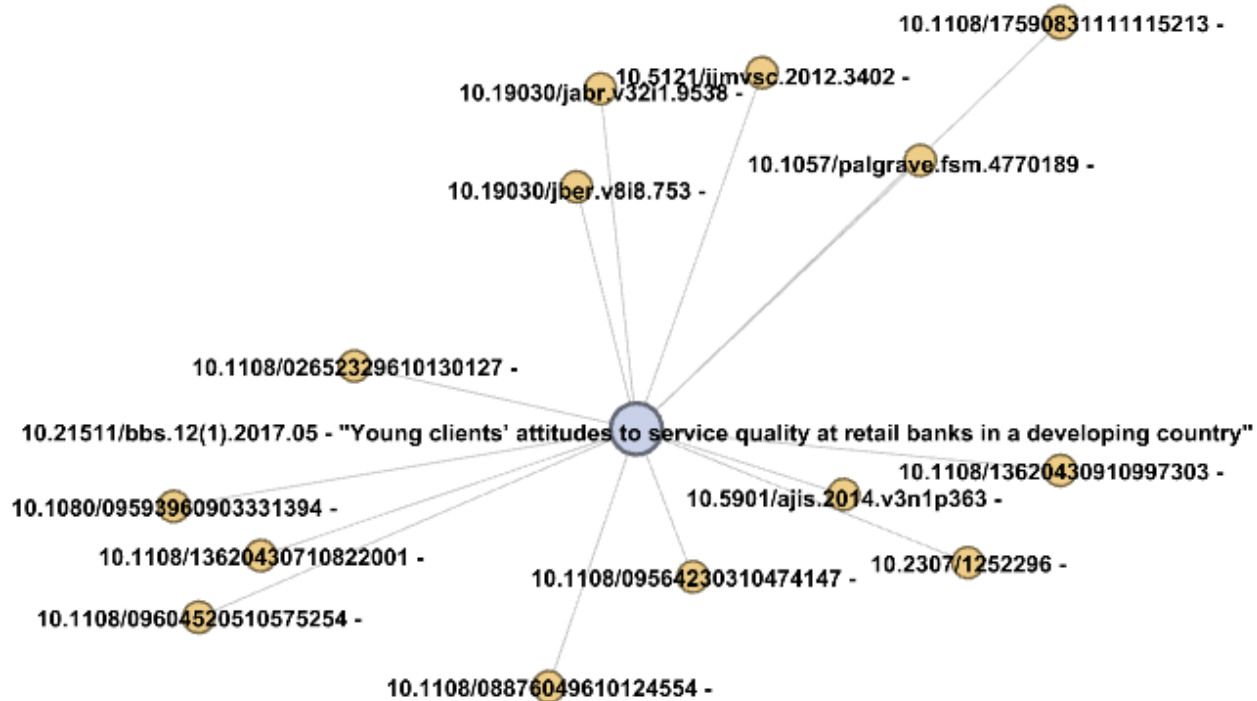
# Анализ данных Crossref в Gephi





- Визуализация сети цитирований журнала «**Banks and Bank Systems**»  
ISSN 1816-7403 (print)  
ISSN 1991-7074 (online)




# Фильтрация сети цитирований в Gephi




# Инструмент Citation Gecko

 Structural Insights into the Effector – Immunity System Tse1/Tsi1 from *Pseudomonas aeruginosa* 


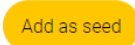
Benz (2012)  
*PLoS ONE* cited by 2 seed papers


Lytic Activity of the *Vibrio cholerae* Type VI Secretion Toxin VgrG-3 Is Inhibited by the Antitoxin TsaB 




Brooks (2013)  
*Journal of Biological Chemistry* cited by 2 seed papers

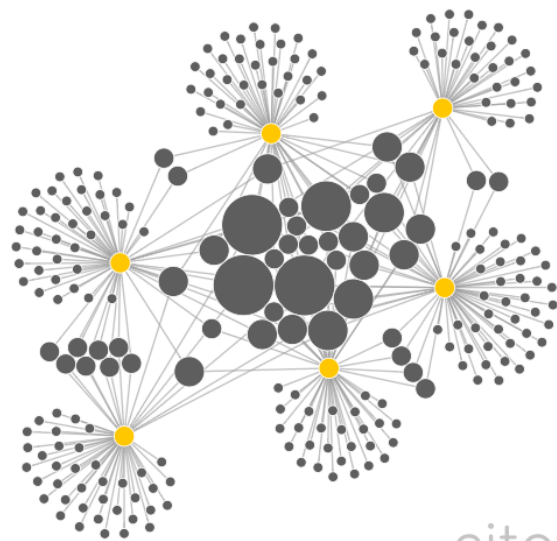
Structure of a Peptidoglycan Amidase Effector Targeted to Gram-Negative Bacteria by the Type VI Secretion System 

Chou (2012)  
*Cell Reports* cited by 2 seed papers


 

 Battye (2011)  
*Acta* cited by 2 seed papers

 Seed Papers  
 Papers Cited-By Seed Papers  
 Papers Citing Seed Papers



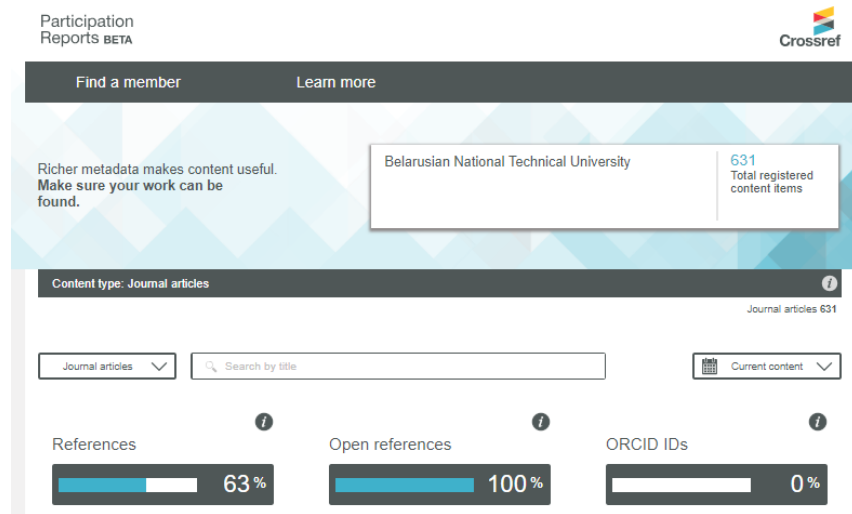
Minimum Connections: 1



# Проект Open Ukrainian Citation Index



# Большие лакуны в данных Crossref



- Следует существенно улучшить количество, качество и открытость метаданных, которые доступны в Crossref.

<https://www.crossref.org/members/prep/>

XVIII Международная научно-практическая конференция  
**"Менеджмент вузовских библиотек"**  
в рамках II Международной специализированной научно-технической выставки-форума  
«Информационные технологии в образовании» ITE-2018  
28-29 ноября 2018 г.  
Минск, Республика Беларусь



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