

Информационные ресурсы и сервисы платформы Web of Science

Ирина Тихонкова, к.б.н,
Специалист по обучению



Гомельский государственный
университет имени Франциска Скорины
1 марта 2018

Поиск литературы

Интернет

Достоверность

Научные издания

Количество



1665



2018

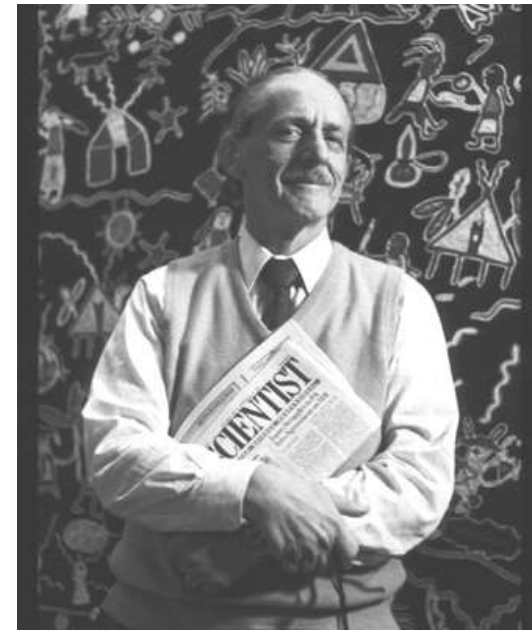
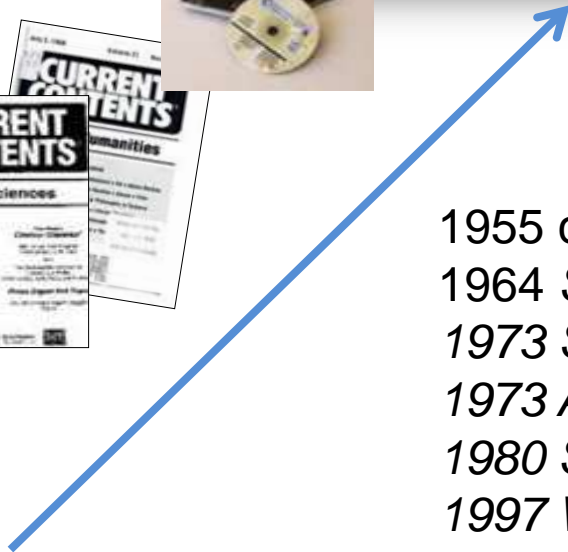
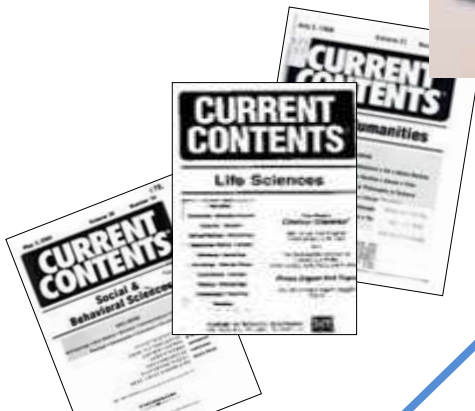
200 + Прочитанных ученым статей в год

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Tenopir C. *What Scientists Really Need*. In: American Association for the Advancement of Science Meeting (AAAS). Washington D.C.; 2005.

Когда, кем зачем создана Web of Science

1960 Institute for Scientific Information
1992 Thomson Scientific
2008 Thomson Reuters
2016 Clarivate Analytics



ЮДЖИН ГАРФИЛД
Основатель Institute for Scientific
Information
Предложил impact factor (1975)

1955 статья в Science
1964 *Science Citation Index (print)*
1973 *Social Science Citation Index*
1973 *Art & Humanities Citation Index*
1980 *Science Citation Index (CD)*
1997 *Web of Science*

WEB OF SCIENCE™

Платформа с разными базами данных

- > 34 тыс журналов на платформе
- > 148 млн документов

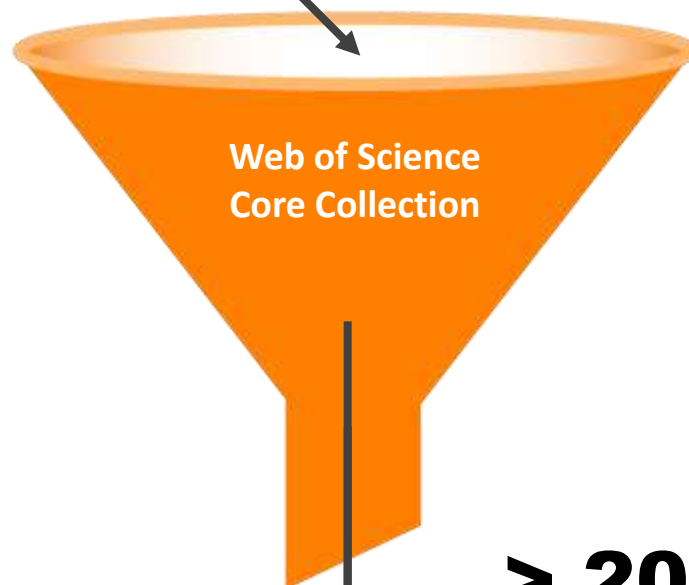
Международная
По предоплате
Реферативная

- **в Web of Science Core Collection**
- > 20 тыс журналов
- > 12 тыс имеет импакт фактор
- > 69 млн документов
- > 1,4 млрд ссылок
- > 90 тыс книг
- > 197 тыс конференций
- > 35 млн патентных семей

Web of Science Core Collection

Мультидисциплинарная
наукометрическая

Всего в мире
> 100 000
научных журналов



* Компания Clarivate Analytics
не является издателем научных
журналов

> 20 000
наиболее влиятельных журналов

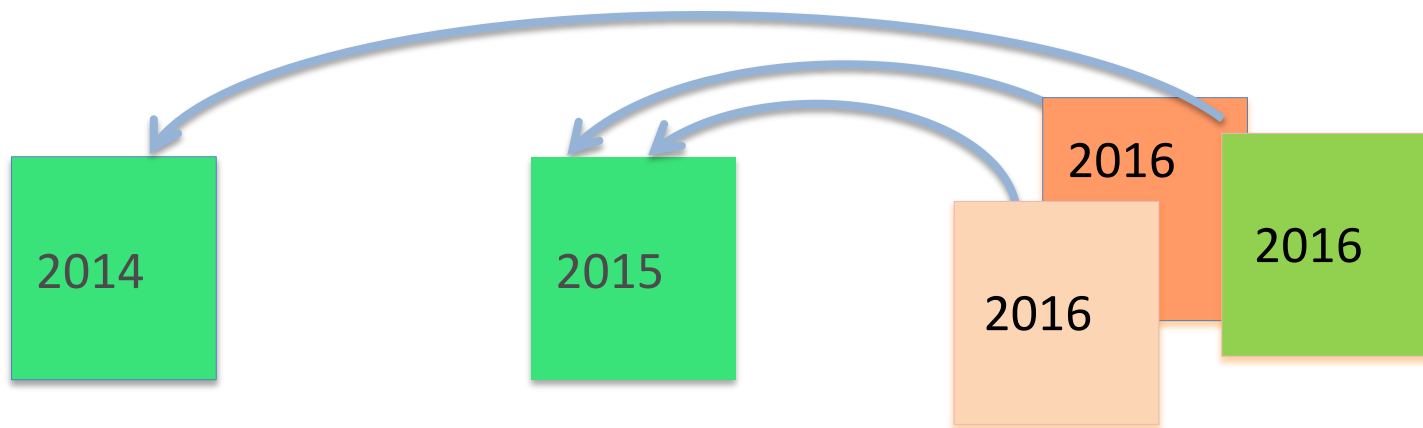


Что дает Web of Science Core Collection

- Массив научной информации с 1898 года
- Возможность поиска и анализа
- Сохранение в удобном для дальнейшего использования формате
- Точные наукометрические оценки

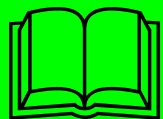
Публикации
Цитирования
Индекс Хирша

$$IF_{2016} = \frac{\text{Количество цитирований в 2016 статей опубликованных в 2014–2015}}{\text{Количество статей в 2014 и 2015}}$$



Критерии отбора в Web of Science Core Collection

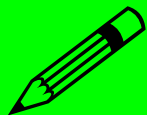
Издательские
стандарты



Международный
состав



Содержание



Анализ
цитирования



<https://clarivate.com/essays/journal-selection-process/>

Формирование Web of Science Core Collection

JOURNAL OF THE ASSOCIATION FOR
INFORMATION SCIENCE AND TECHNOLOGY

A Multidimensional Investigation of the Effects of Publication Retraction on Scholarly Impact

Xin Shuai
Research & Development Group, Thomson Reuters, 610 Opperman Dr., St. Paul, MN 55123
E-mail: xin.shuai@thomsonreuters.com

Jason Rollins
Clarivate Analytics, 50 California St., San Francisco, CA 94111
E-mail: jason.rollins@thomsonreuters.com

Isabelle Moulinier
Research & Development Group, Thomson Reuters, 610 Opperman Dr., St. Paul, MN 55123
E-mail: isabelle.moulinier@thomsonreuters.com

Tonya Custis
Research & Development Group, Thomson Reuters, 610 Opperman Dr., St. Paul, MN 55123
E-mail: tonya.custis@thomsonreuters.com

Mathilda Edmunds
Clarivate Analytics, 1500 Spring Garden St., Philadelphia, PA 19130
E-mail: mathilda.edmunds@thomsonreuters.com

Frank Schilder
Research & Development Group, Thomson Reuters, 610 Opperman Dr., St. Paul, MN 55123
E-mail: frank.schilder@thomsonreuters.com

During the past few decades, the rate of publication retractions has increased dramatically in academia. In this study, we investigate retractions from a quantitative perspective, aiming to answer two fundamental questions. One, how do retractions influence the scholarly impact of retracted papers, authors, and institutions? Two, does this influence propagate to the wider academic community through scholarly associations? Specifically, we analyzed a set of retracted articles indexed in Thomson Reuters Web of Science (WoS), and ran multiple experiments to compare changes in scholarly impact against a control set of nonretracted articles.

Granger Causality test to investigate whether different scientific topics are dynamically affected by retracted papers occurring within those topics. Our results show two key findings: first, the scholarly impact of retracted papers and authors significantly decreases after retraction, and the most severe impact decrease correlates with retractions based on proven, purposeful scientific misconduct; second, this retraction penalty does not seem to spread through the broader scholarly social graph, but instead has a limited and localized effect. Our findings may provide useful insights for scholars or science committees to evaluate the scholarly value of

Web of Science

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A Multidimensional Investigation of the Effects of Publication Retraction on Scholarly Impact

By: Shuai, X (Shuai, Xin)^{1,2}; Rollins, J (Rollins, Jason)^{2,3}; Moulinier, I (Moulinier, Isabelle)^{1,3}; Custis, T (Custis, Tonya)^{1,3}; Edmunds, M (Edmunds, Mathilda)¹; Schilder, F (Schilder, Frank)^{1,3}

[View ResearcherID and ORCID](#)

JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY
Volume: 68 Issue: 9 Pages: 2225-2238
DOI: 10.1002/asi.23828
Published: SEP 2017
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Abstract

During the past few decades, the rate of publication retractions has increased dramatically in academia. In this study, we investigate retractions from a quantitative perspective, aiming to answer two fundamental questions. One, how do retractions influence the scholarly impact of retracted papers, authors, and institutions? Two, does this influence propagate to the wider academic community through scholarly associations? Specifically, we analyzed a set of retracted articles indexed in Thomson Reuters Web of Science (WoS), and ran multiple experiments to compare changes in scholarly impact against a control set of nonretracted articles, authors, and institutions. We further applied the Granger Causality test to investigate whether different scientific topics are dynamically affected by retracted papers occurring within those topics. Our results show two key findings: first, the scholarly impact of retracted papers and authors significantly decreases after retraction, and the most severe impact decrease correlates with retractions based on proven, purposeful scientific misconduct; second, this retraction penalty does not seem to spread through the broader scholarly social graph, but instead has a limited and localized effect. Our findings may provide useful insights for scholars or science committees to evaluate the scholarly value of papers, authors, or institutions related to retractions.

Keywords

KeyWords Plus: ARTICLE; SEE; SCIENTIFIC LITERATURE; STEM-CELLS; JOURNALS; POLICIES

Author Information

Reprint Address: Shuai, X (reprint author)
Thomson Reuters, Res & Dev Grp, 610 Opperman Dr, St Paul, MN 55123 USA.

Addresses:

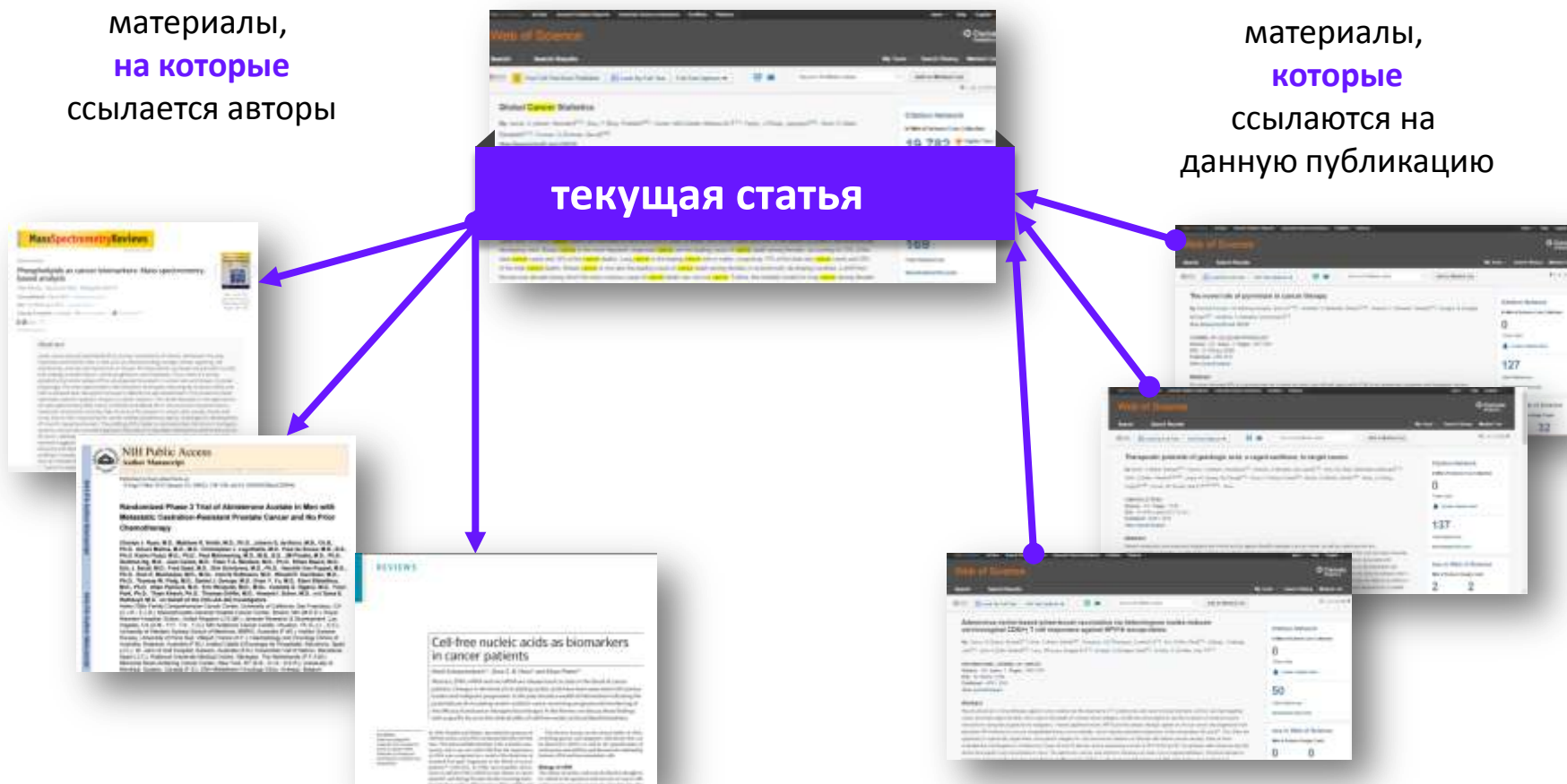
- [1] Thomson Reuters, Res & Dev Grp, 610 Opperman Dr, St Paul, MN 55123 USA
- [2] Clarivate Analyt, 50 Calif St, San Francisco, CA 94111 USA
- [3] Clarivate Analyt, 1500 Spring Garden St, Philadelphia, PA 19130 USA

E-mail Addresses: xin.shuai@thomsonreuters.com; jason.rollins@thomsonreuters.com; isabelle.moulinier@thomsonreuters.com; tonya.custis@thomsonreuters.com; mathilda.edmunds@thomsonreuters.com; frank.schilder@thomsonreuters.com

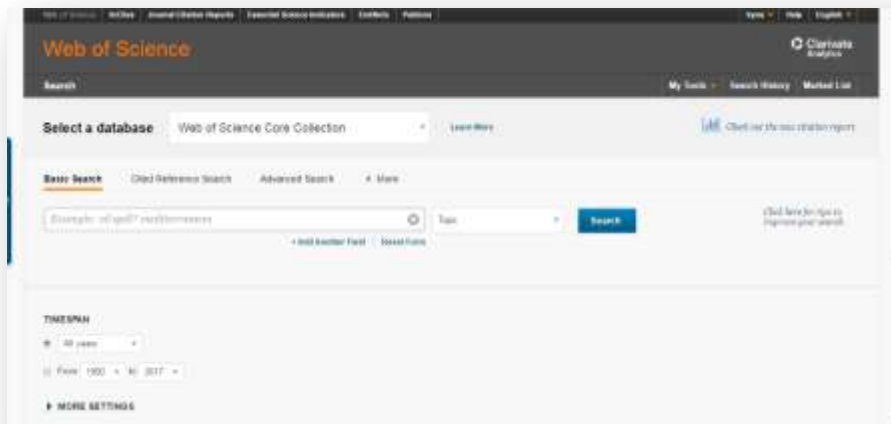
Принцип цитирования в Web of Science Core Collection

материалы,
на которые
ссылается авторы

материалы,
которые
ссылаются на
данную публикацию



Доступ к платформе Web of Science



Доступ в Беларуси

Через консорциум в
национальной библиотеке
Беларуси

Рудаковская Марина
Викторовна

rudakovskaya@nlb.by




Платформа Web of Science на русском языке

The screenshot displays the Web of Science search interface. At the top, a navigation bar includes links for 'Web of Science', 'InCites', 'Journal Citation Reports', 'Essential Science Indicators', 'EndNote', and 'Publons'. On the right side of this bar, there are links for 'Iryna', 'Help', and 'English'. Below the navigation bar, the 'Web of Science' logo is prominently displayed in orange. A 'Search' button is located on the right side of the header area. The main content area features a 'Select a database' dropdown menu currently set to 'Web of Science Core Collection', with a 'Learn More' link next to it. Below this, there are tabs for 'Basic Search', 'Cited Reference Search', and 'Advanced Search', with '+ More' indicating additional options. The 'Basic Search' tab is active. A search input field contains the example text 'Example: oil spill* mediterranean'. To the right of the input field is a dropdown menu for 'Organization-Enhanced' and a blue 'Search' button. Below the search field, there are links for '+ Add Another Field' and 'Reset Form'. On the right side of the interface, a language selection dropdown menu is open, showing a list of languages: '简体中文', '繁體中文', 'English', '日本語', '한국어', 'Português', 'Español', and 'Русский'. The 'Русский' option is highlighted with a red rectangular box. At the bottom left of the interface, there is a 'TIMESPAN' section with radio buttons for 'All years' (selected) and 'From 1900 to 2018'. Below this, there is a link for 'MORE SETTINGS'.

Панель Уточнение результатов

Уточнение результатов

Искать в результатах... 

Годы публикаций 

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Финансирующие организации 


Открытый доступ 


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Направления исследования 

Web of Science Index 

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Кто в Китае специалист по графену?

Какие фонды финансировали исследования фольклора?

Где исследуют гравитационные волны?

В каких журналах публиковали работы по истории Беларуси?

Где найти рецензента / партнера для исследований?

**КАК? –
Комбинируйте
фильтры!**

251 категория Web of Science

Clarivate Analytics
Contents | Index

Web of Science Core Collection Help

Every journal and book covered by Web of Science Core Collection is assigned to at least one of the following subject categories. Every record in Web of Science Core Collection contains the subject category of its source publication in the Web of Science Categories field.

Acoustics
Agricultural Economics & Policy
Agricultural Engineering
Agriculture, Dairy & Animal Science
Agriculture, Multidisciplinary
Agronomy
Allergy
Anatomy & Morphology
Andrology

Web of Science Categories - Scope Notes

- [Science Citation Index Expanded - Scope Notes \(SCIE\)](#)
- [Social Science Citation Index - Scope Notes \(SSCI\)](#)
- [Arts & Humanities Citation Index - Scope Notes \(AHC\)](#)

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From the Results page, you can further refine the results of your search by selecting specific category terms listed under the Web of Science Categories list in the left-hand panel.

Results Analysis Option

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Classics
Clinical Neurology
Communication Computer Science, Artificial
Intelligence
Literature, Slavic
Logic
Management
Materials Science, Composites
Medieval & Renaissance Studies
Philosophy
Physics, Applied
Poetry
Psychology, Educational
Rehabilitation
Religion
Social Work
Sociology
Transportation
Transportation Science & Technology
Tropical Medicine
Urban Studies

The first takeoff of a biologically inspired at-scale robotic insect

By: Wood, RJ (Wood, Robert J.)

IEEE TRANSACTIONS ON ROBOTICS
 Volume: 24 Issue: 2 Pages: 341-347
 DOI: 10.1109/TRO.2008.916997
 Published: APR 2008
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Abstract

Biology is a useful tool when applied to engineering challenges that have been solved in nature. Here, the emulous goal of creating an insect-sized, truly **micro air vehicle** is addressed by first exploring biological principles. These principles give insights on how to generate sufficient thrust to sustain flight for centimeter-scale **vehicles**. Here, it is shown how novel manufacturing paradigms enable the creation of the **mechanical and aeromechanical** subsystems of a microrobotic device that is capable of Diptera-like wing trajectories. The results are a unique microrobot that uses sufficient thrust to accelerate vertically. Although still externally powered, this micromechanical device represents significant autonomous insect-sized **micro air vehicles**.

Keywords

Author keywords: actuators; aerial robotics; biologically inspired robotics; microrobotics
 KeyWords Plus: FLY DROSOPHILA-MELANOGASTER; DIPTERAN FLIGHT; FRUIT-FLY; POWER REQUIREMENTS; FLEXURAL STIFFNESS; MUSCLE EFFICIENCY; WINGS; GENERATIO

Author Information

Reprint Address: Wood, RJ (reprint author)

Harvard Univ, Sch Engr & Appl Sci, Cambridge, MA 02139 USA.

Addresses:

[1] Harvard Univ, Sch Engr & Appl Sci, Cambridge, MA 02139 USA

E-mail Addresses: rjwood@seas.harvard.edu

Publisher

IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA

Categories / Classification

Research Areas: Robotics

Web of Science Categories: Robotics

Document Information

Document Type: Article

Language: English

Accession Number: WOS:000254705600009

ISSN: 1552-3098

Название

Все авторы

Журнал, выходные данные

Резюме

Ключевые слова +

Все организации

E-mail

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Тип
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324

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33

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 Monolithic fabrication of an insect-scale self-lifting flapping-wing robot
 MICRO & NANO LETTERS

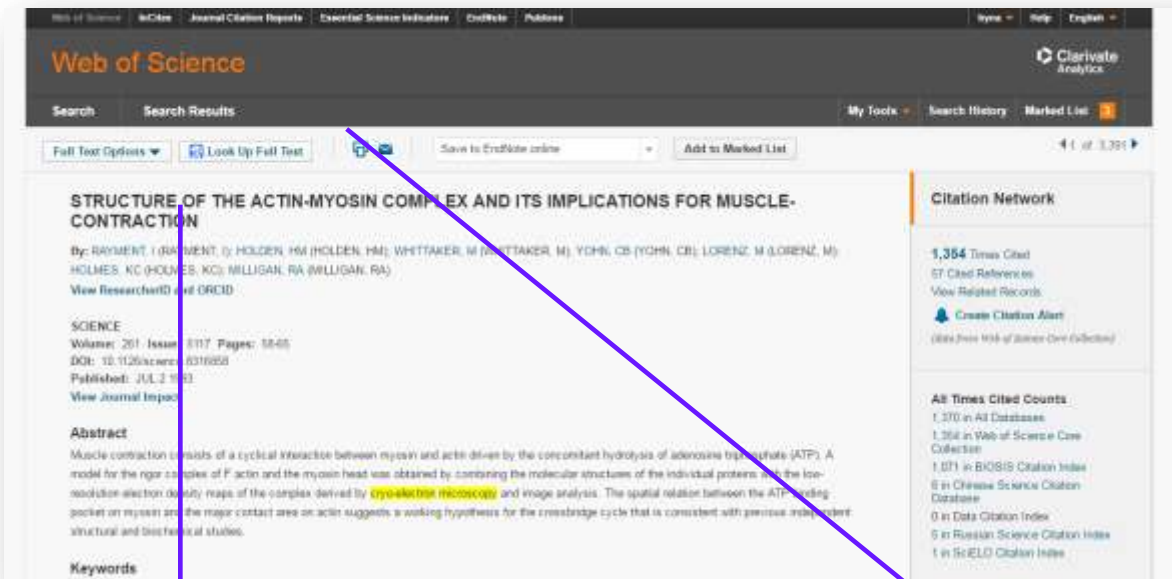
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У издателя
В открытых источниках



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Enhanced Organization name –

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сокращение организации на
английском

GOMEL STATE UNIV	532
FRANCISK SKORINA GOMEL STATE UNIV	163
F SKORINA GOMEL STATE UNIV	58
F SKORINA STATE UNIV	50
SKORINA GOMEL STATE UNIV	30
SKORINA STATE UNIV	27
GOMEL STATE UNIV F SKORINA	17
FRANTSISK SKORINA STATE UNIV	11
F SCORINA GOMEL STATE UNIV	10
GOMEL UNIV	9
FRANCISK SCORINA GOMEL STATE UNIV	8
GOMEL FRANCISK SKORINA STATE UNIV	8
FRANCISK SKARYNA GOMEL STATE UNIV	6
F SKORINA UNIV	4
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EDUC ESTAB GOMEL STATE UNIV	1
F SKARINA GOMEL STATE UNIV	1
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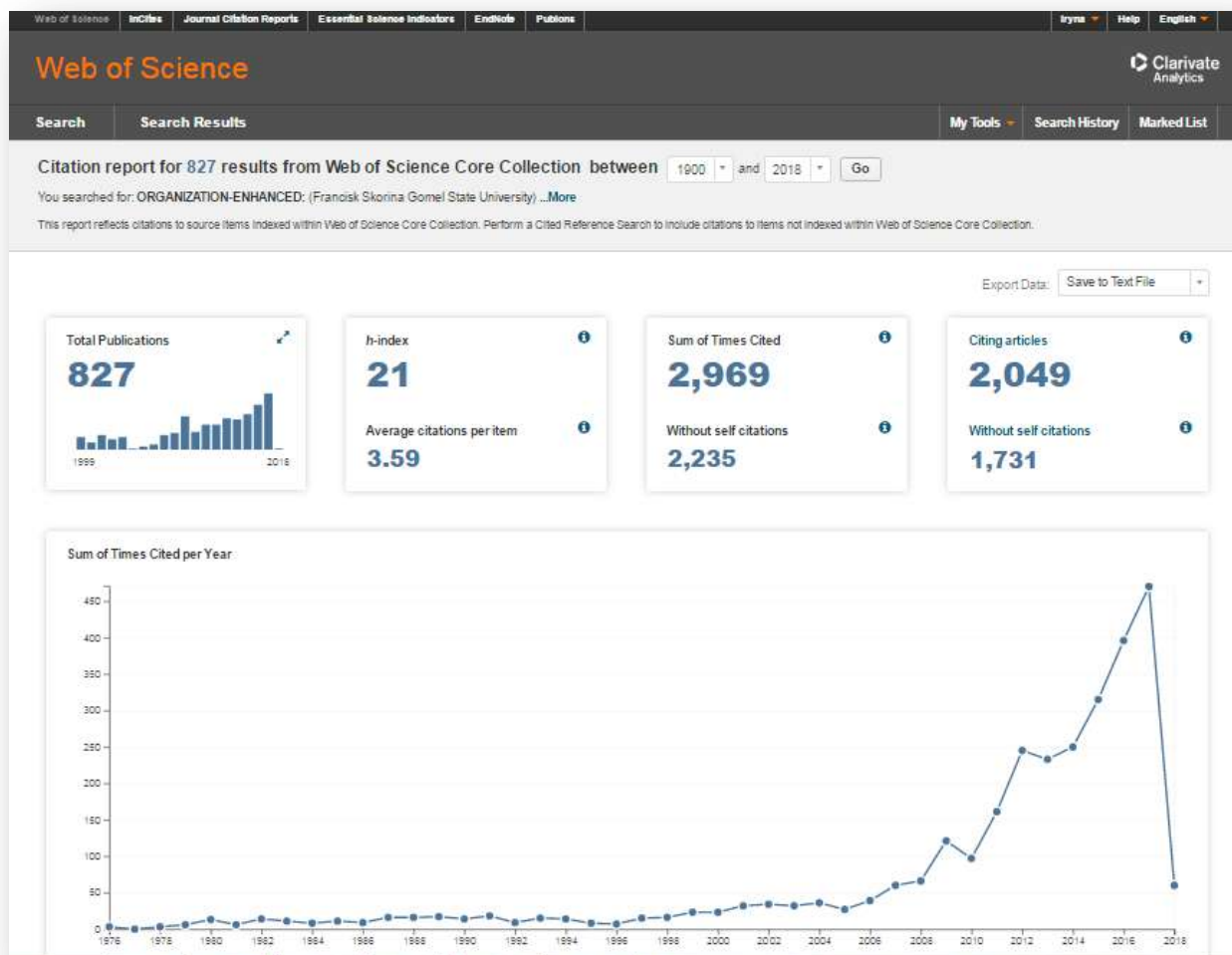
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MICRON Volume: 38 Issue: 8 Pages: 824-833 Published: 2007
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2. **On weakly s-permutable subgroups of finite groups**
By: Skiba, Alexander N.
JOURNAL OF ALGEBRA Volume: 315 Issue: 1 Pages: 192-209 Published: SEP 1 2007
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1. **Atomic force microscopy probing of cell elasticity**

By: Kuznetsova, Tatyana G.; Starodubtseva, Maria N.; Yegorenkov, Nicolai I.; et al.
MICRON Volume: 38 Issue: 8 Pages: 824-833 Published: 2007



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By: Skiba, Alexander N.
JOURNAL OF ALGEBRA Volume: 315 Issue: 1 Pages: 192-209 Published: SEP 1 2007



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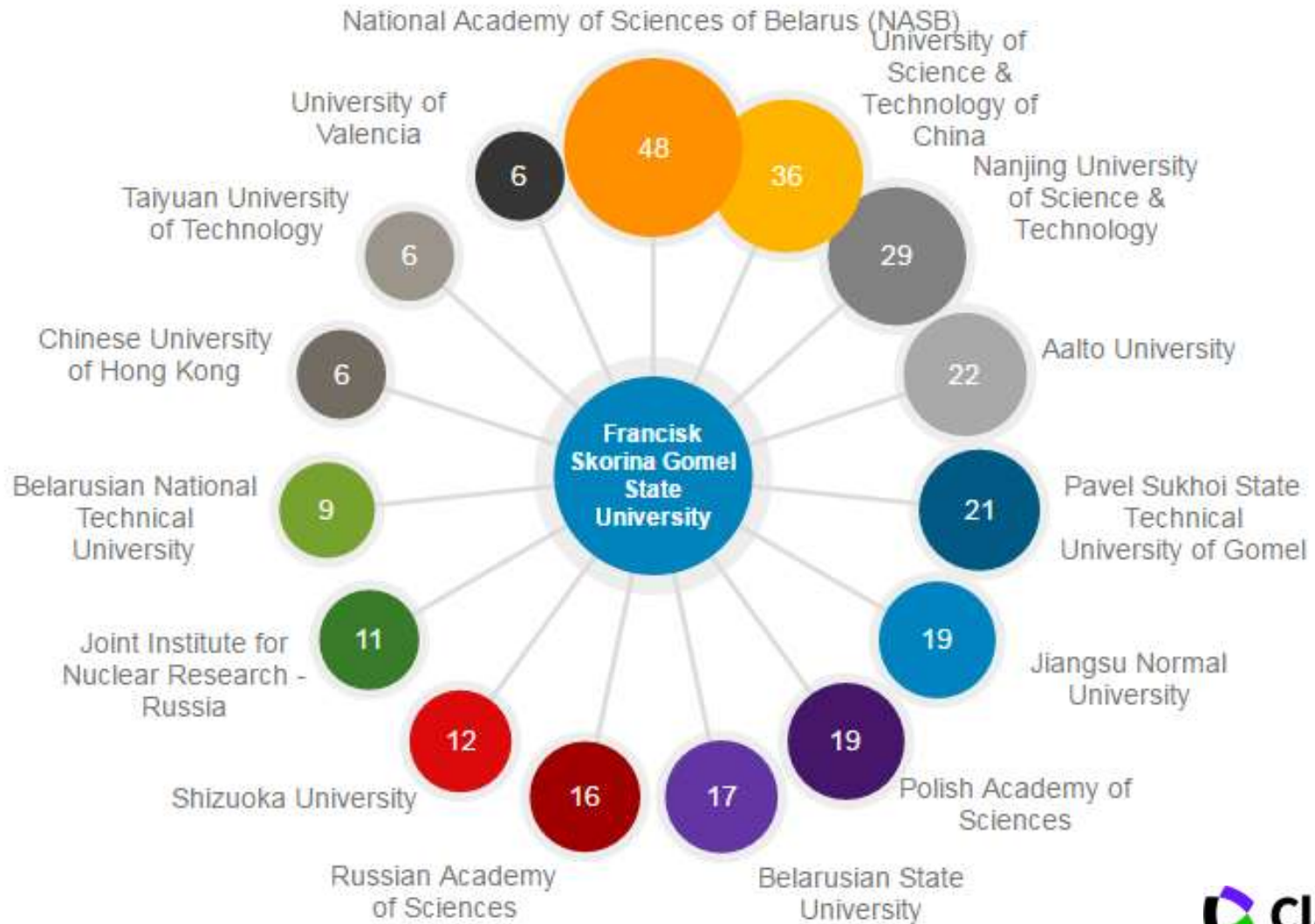
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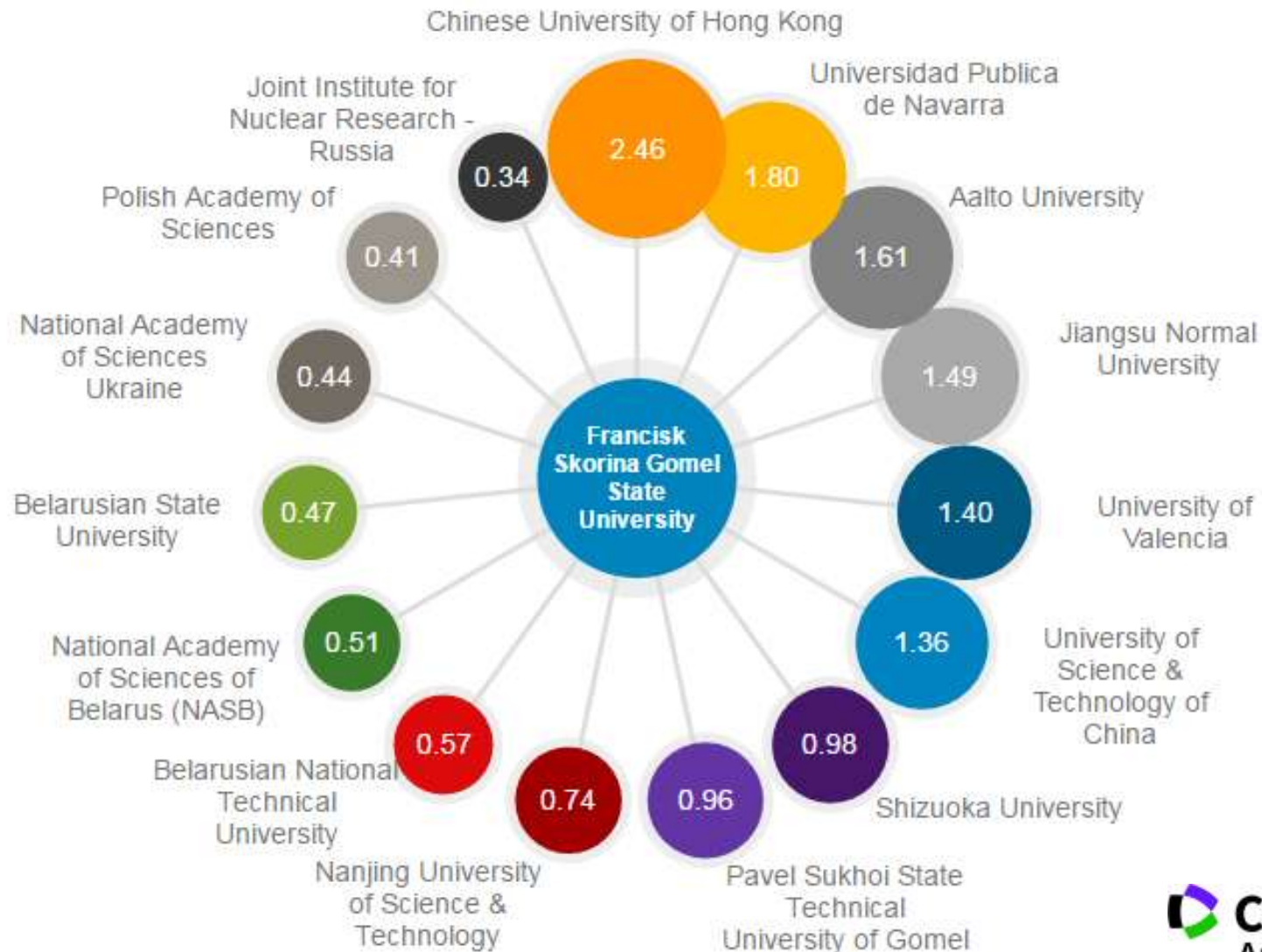
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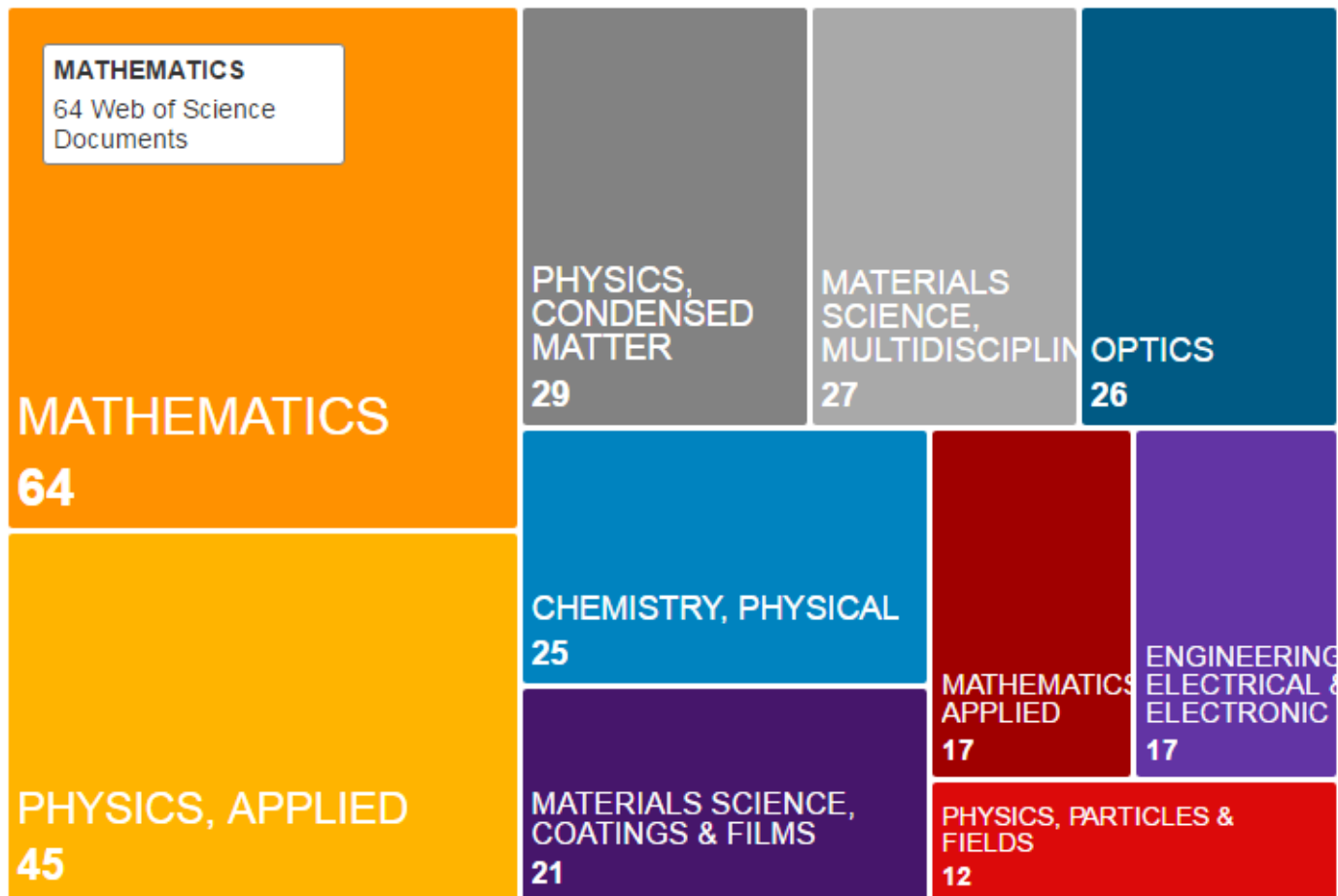
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