

# 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

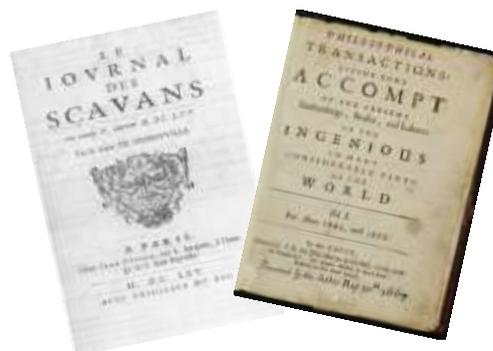
# Поиск литературы

Интернет

Достоверность

Научные издания

Количество



1665



2018

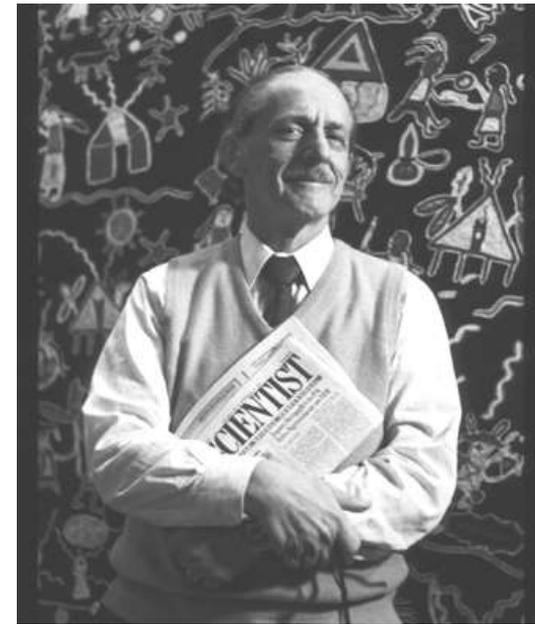
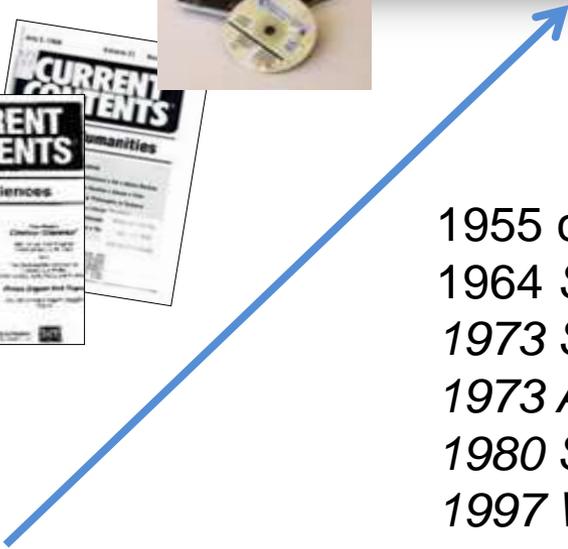
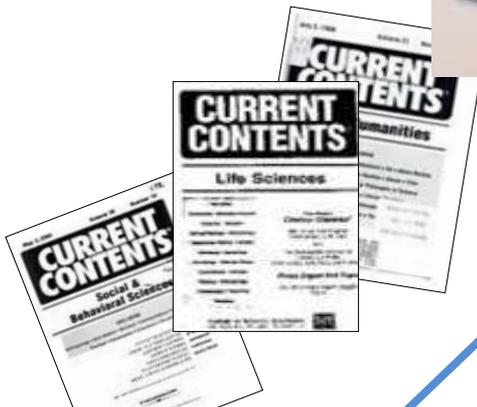
200 + Прочитанных ученым статей в год

0.4 % ... имеющихся научных изданий

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

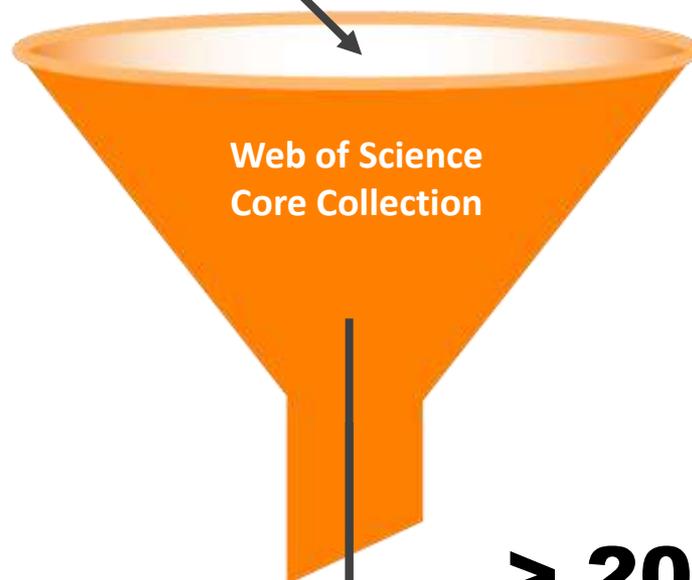
Международная  
По предоплате  
Реферативная

- **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

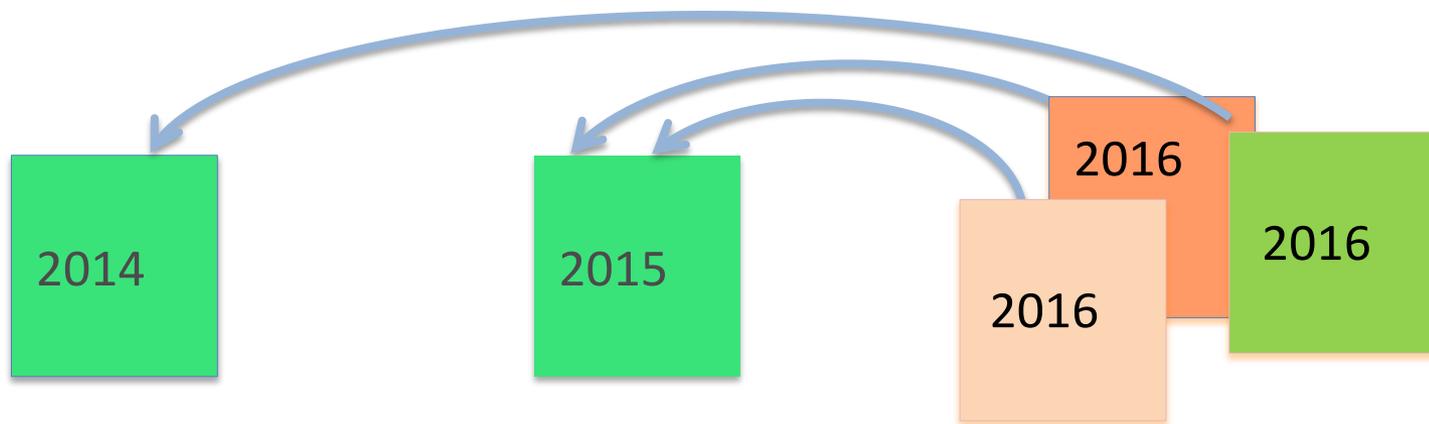


## Что дает Web of Science Core Collection

- 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

Search Search Results

Free Full Text from Publisher Look Up Full Text

Save to EndNote online Add to Marked List

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

By: Shuai, X (Shuai, Xin)<sup>1,2</sup>; Rollins, J (Rollins, Jason)<sup>2,3</sup>; Moulinier, I (Moulinier, Isabelle)<sup>1,3</sup>; Custis, T (Custis, Tonya)<sup>1,3</sup>; Edmunds, M (Edmunds, Mathilda)<sup>4</sup>; Schilder, F (Schilder, Frank)<sup>1,3</sup>

[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  
[View Journal Impact](#)

### 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:

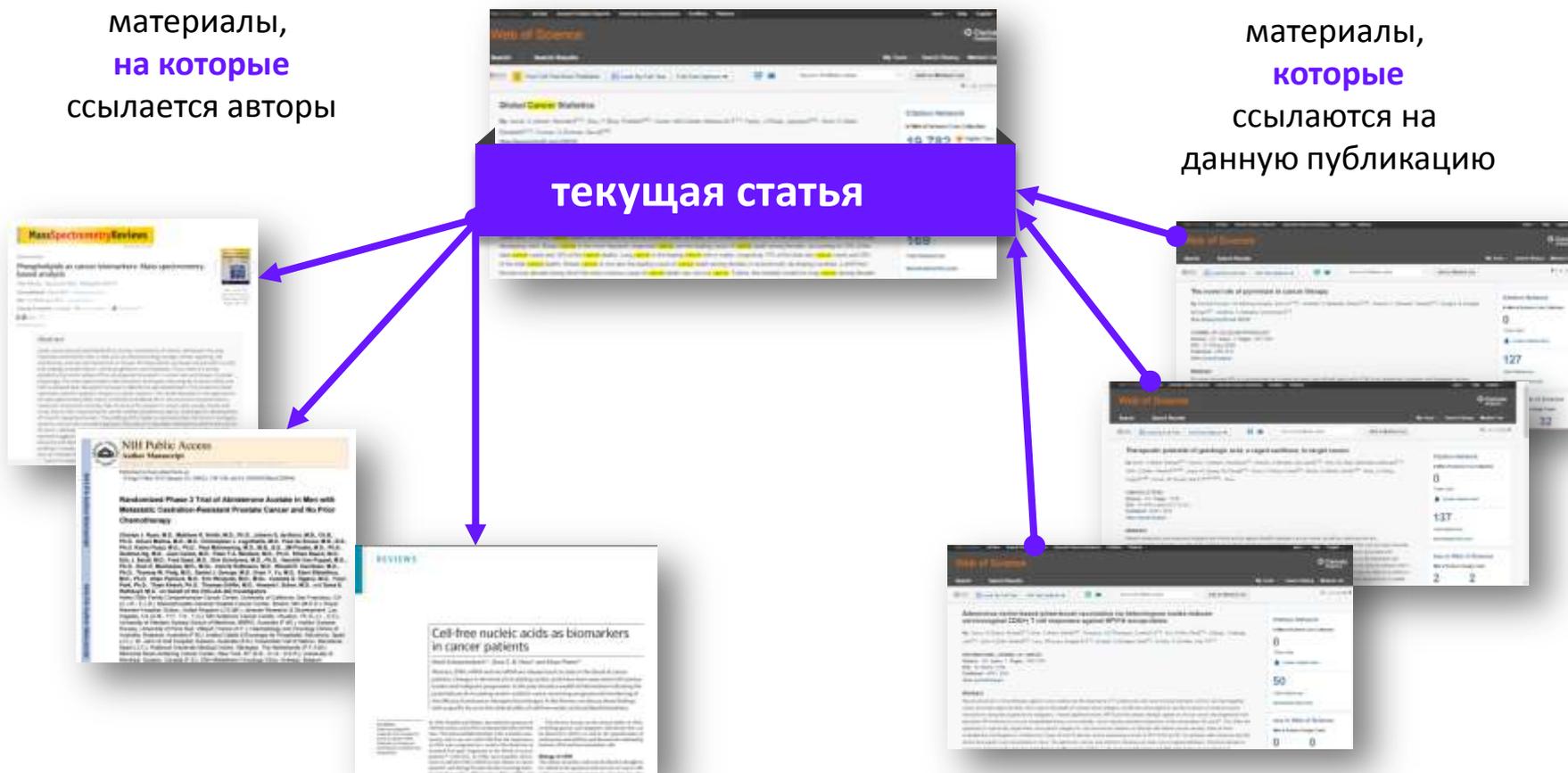
- [ 1 ] Thomson Reuters, Res & Dev Grp, 610 Opperman Dr, St Paul, MN 55123 USA
- [ 2 ] Clarivate Analyt, 50 Calif St, San Francisco, CA 94111 USA
- [ 3 ] Clarivate Analyt, 1500 Spring Garden St, Philadelphia, PA 19130 USA

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

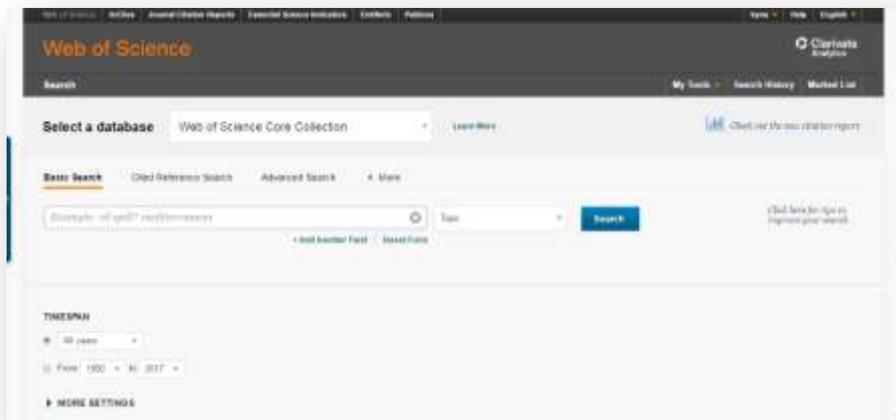
# Принцип цитирования в Web of Science Core Collection

материалы,  
на которые  
ссылается авторы

материалы,  
которые  
ссылаются на  
данную публикацию



# Доступ к платформе Web of Science



# Доступ в Беларуси

Через консорциум в  
национальной библиотеки  
Беларуси

Рудаковская Марина  
Викторовна

[rudakovskaya@nlb.by](mailto: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 in the top right corner of the main 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 to its right. Below this, there are tabs for 'Basic Search', 'Cited Reference Search', and 'Advanced Search', with '+ More' to the right. 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 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 border. 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 is a 'MORE SETTINGS' link with a right-pointing arrow.

## Панель Уточнение результатов

**Уточнение результатов**

Искать в результатах... 

Годы публикаций 

Категории Web of Science 

Типы документов 

Профили организаций 

Финансирующие организации 

Открытый доступ 

Авторы 

[Просмотреть все параметры](#)

*Для применения расширенных параметров уточнения используйте*

Названия изданий 

Названия серий книг 

Названия конференций 

Страны/территории 

Редакторы 

Группы авторов 

Языки 

Направления исследования 

Web of Science Index 

**Меньше параметров**

*Для применения расширенных параметров уточнения используйте*

[Анализ результатов](#)

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 \(AHC\)](#)

**Results Page - Refine Results**

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**

From the Analyze Results page, you can group and rank records in a results set by selecting the Web of Science Categories option. Use this feature to view a ranking by field, record count, and percentage of each Web of Science category within the results set.

[http://images.webofknowledge.com/WOKRS522\\_1R3/help/WOS/hp\\_subject\\_category\\_terms\\_tasca.html](http://images.webofknowledge.com/WOKRS522_1R3/help/WOS/hp_subject_category_terms_tasca.html)

Chemistry Organic  
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  
 View Journal Impact

## 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 &amp; Appl Sci, Cambridge, MA 02139 USA.

## Addresses:

[1] Harvard Univ, Sch Engr &amp; 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

категории

Тип  
документа,  
язык

## Journal Information

Table of Contents: Current Contents Connect

Performance Trends: Essential Science Indicators

Impact Factor: Journal Citation Reports

## Other Information

IDS Number: 284KP

Cited References in Web of Science Core Collection: 33

Times Cited in Web of Science Core Collection: 324

## Citation Network

324

Times Cited

Highly Cited Paper

Create Citation Alert

## All Times Cited Counts

327 in All Databases

See more counts

33

Cited References

View Related Records

## Most recently cited by:

Taha, Halthem; Kiani, Mohammadali; Navarro, Joel  
 Experimental Demonstration of the Vibrational Stabilization Phenomenon in Bio-Inspired Flying Robots  
 IEEE ROBOTICS AND AUTOMATION LETTERS

Zou, Yang; Zhang, Weiping; Zhou, Su; et al.  
 Monolithic fabrication of an insect-scale self-lifting flapping-wing robot  
 MICRO & NANO LETTERS

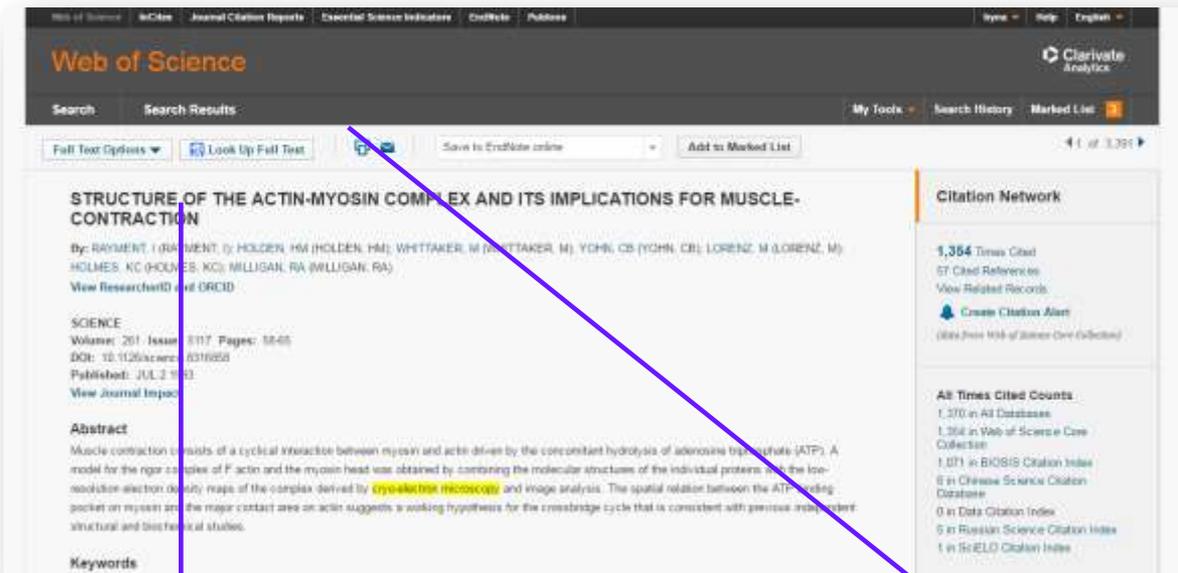
View All

Use in Web of Science

Полная запись  
статьи в Web of  
Science Core  
Collection

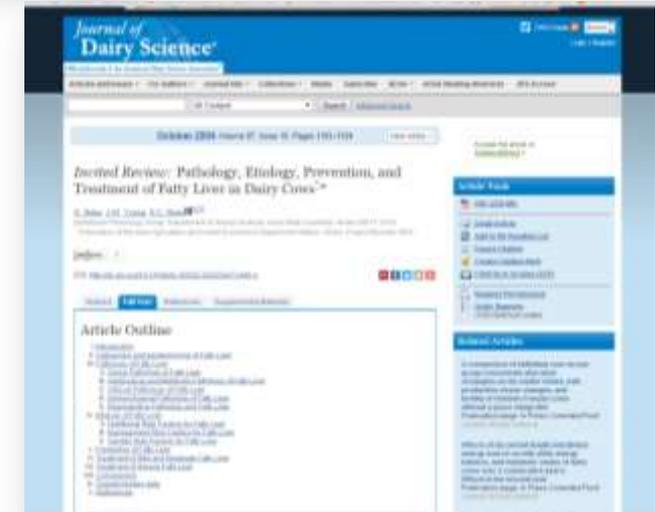
Сообщение о  
цитировании

Список литературы  
и цитирования



Найти  
полный  
текст!

У автора  
У издателя  
В открытых источниках



В открытых источниках

На сайте издателя платно или

# Название организации!

## Enhanced Organization name –

Объединение всех вариаций названий  
позволяет получать точную статистику

Необходимо использовать  
официальное название и  
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
F SKORIN GOMEL STATE UNIV	3
F SKORYNA GOMEL STATE UNIV	3
FRANCISK SKARINA GOMEL STATE UNIV	3
FRANCYSK SKARYNA GOMEL STATE UNIV	3
FRANTSIASK SKORINA STATE UNIV	3
GOMEL STATE UNIV FRANCISK SKORINA	3
F SCORINA STATE UNIV	2
FRANCISK SKORINA GOMEL STATE UNIV GOMEL	2
FRANCISK SKORINA STATE UNIV	2
FRANCISK SKORINA UNIV	2
GOMEL FR SKARYNA STATE UNIV	2
GOMEL FRANCYSK SKORINA STATE UNIV	2
HOMEL STATE UNIV	2
SKORYNA GOMEL STATE UNIV	2
EDUC ESTAB FRANCISK SKORINA GOMEL STATE UNIV	1
EDUC ESTAB GOMEL STATE UNIV	1
F SKARINA GOMEL STATE UNIV	1
F SKARYNA GOMEL STATE UNIV	1
F SKOPINA STATE UNIV	1
F SKORIN GOMEL UNIV	1

# Ваши результаты

Web of Science | InCites | Journal Citation Reports | Essential Science Indicators | EndNote | Publons | Iryna | Help | English

## Web of Science

Clarivate Analytics

Search | My Tools | Search History | Marked List

**Results: 827**  
(from Web of Science Core Collection)

You searched for: ORGANIZATION-ENHANCED: (Francisk Skorina Gomel State University) ...More

Create Alert

### Refine Results

Search within results for...

Filter results by:

- Highly Cited in Field (2)
- Open Access (55)

Refine

Publication Years

Sort by: Date | **Times Cited** | Usage Count | Relevance | More

Page 1 of 83

Select Page | 5K | Save to EndNote online | Add to Marked List

Create Citation Report | Analyze Results

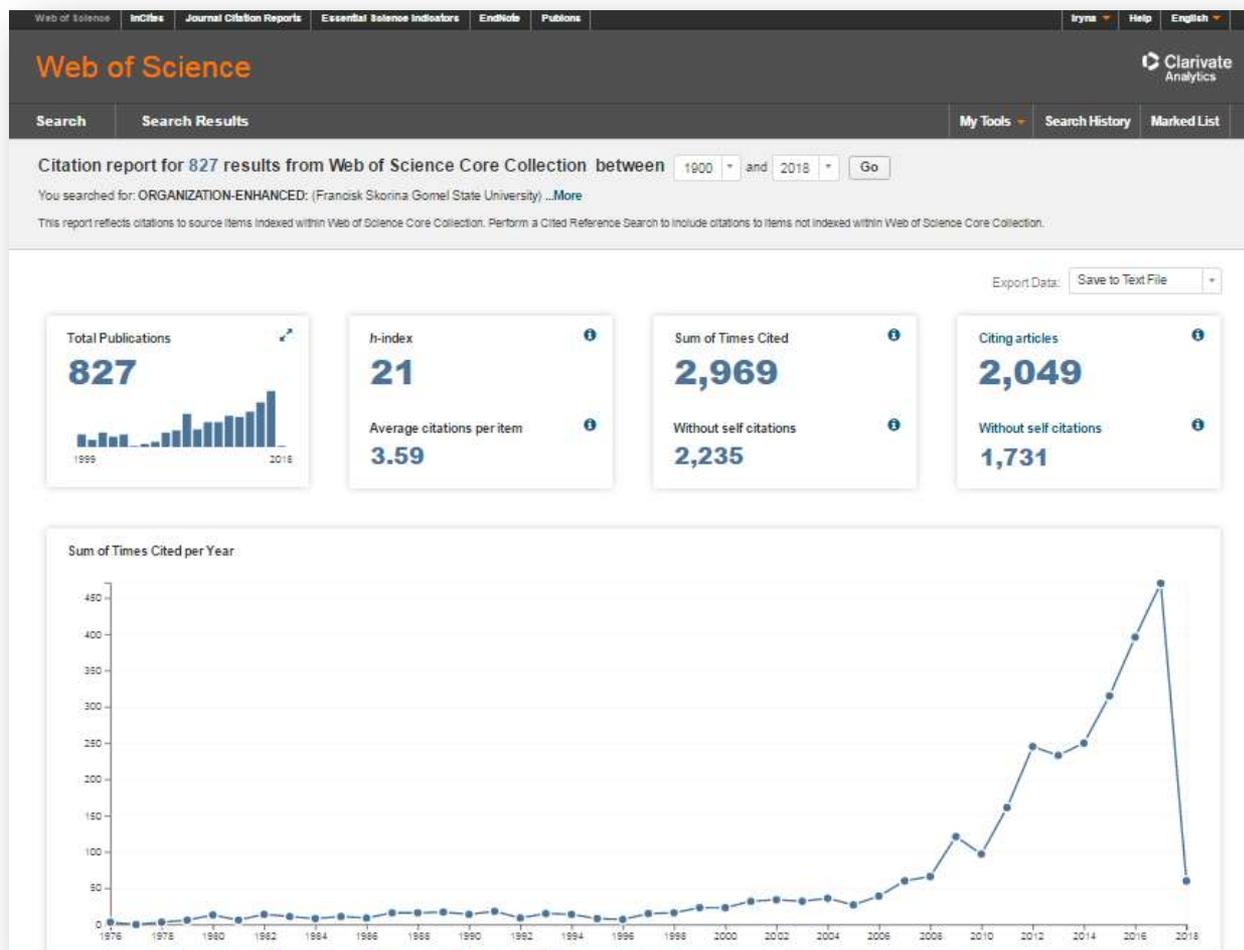
Times Cited: 363 (from Web of Science Core Collection) | Highly Cited Paper | Usage Count

Times Cited: 180 (from Web of Science Core Collection) | Highly Cited Paper | Usage Count

Times Cited: 49 (from Web of Science Core Collection)

- 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  
Full Text from Publisher | View Abstract
- 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  
Free Full Text from Publisher | View Abstract
- Functional Metamirrors Using Bianisotropic Elements**  
By: Asadchy, V. S.; Ra'di, Y.; Vohdas, J.; et al.

# Ваши результаты



# Высокоцитируемые работы

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



[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 363**  
*(from Web of Science Core Collection)*

**Highly Cited Paper**

Usage Count

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



[Free Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 180**  
*(from Web of Science Core Collection)*

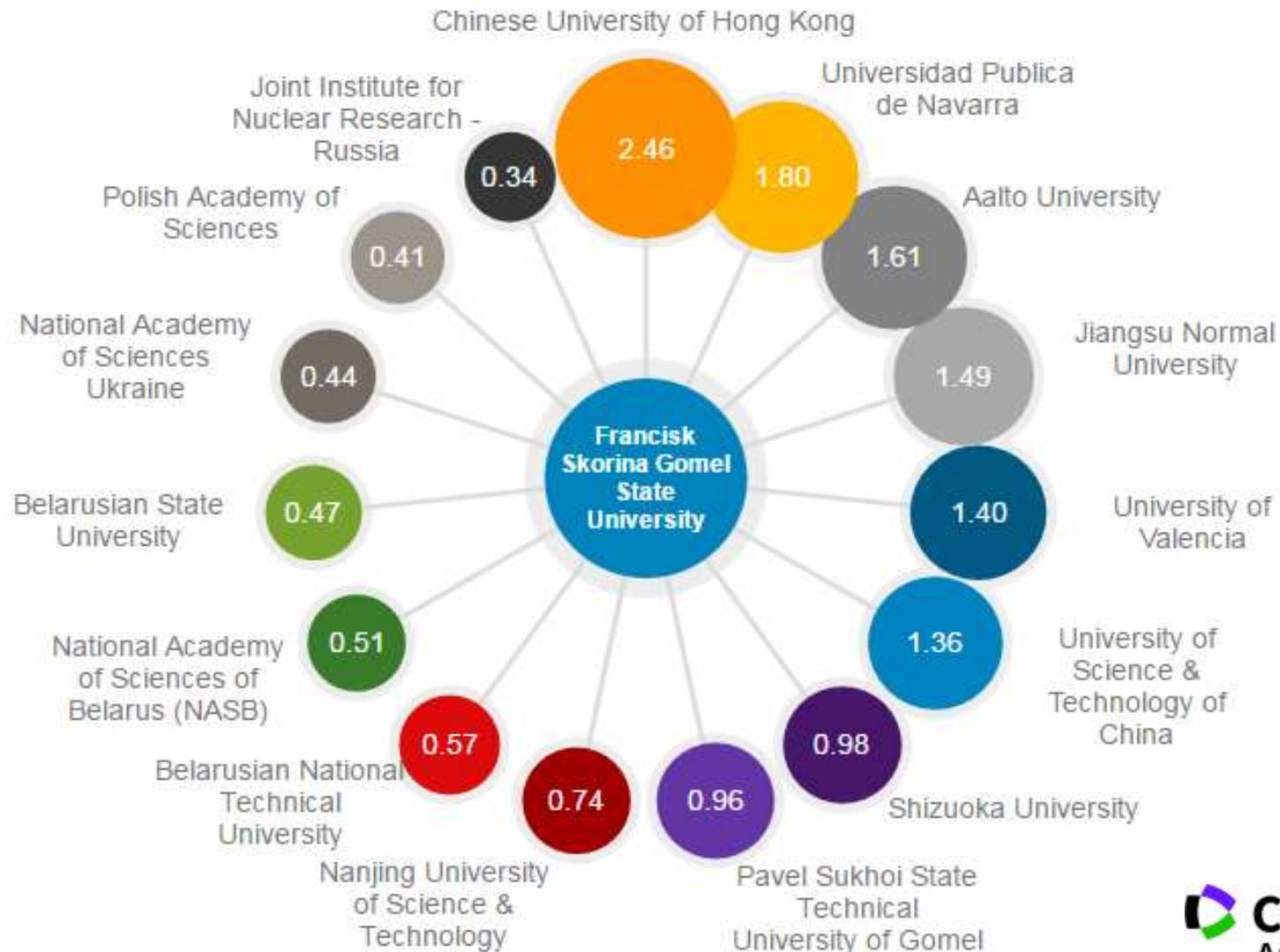
**Highly Cited Paper**

Usage Count

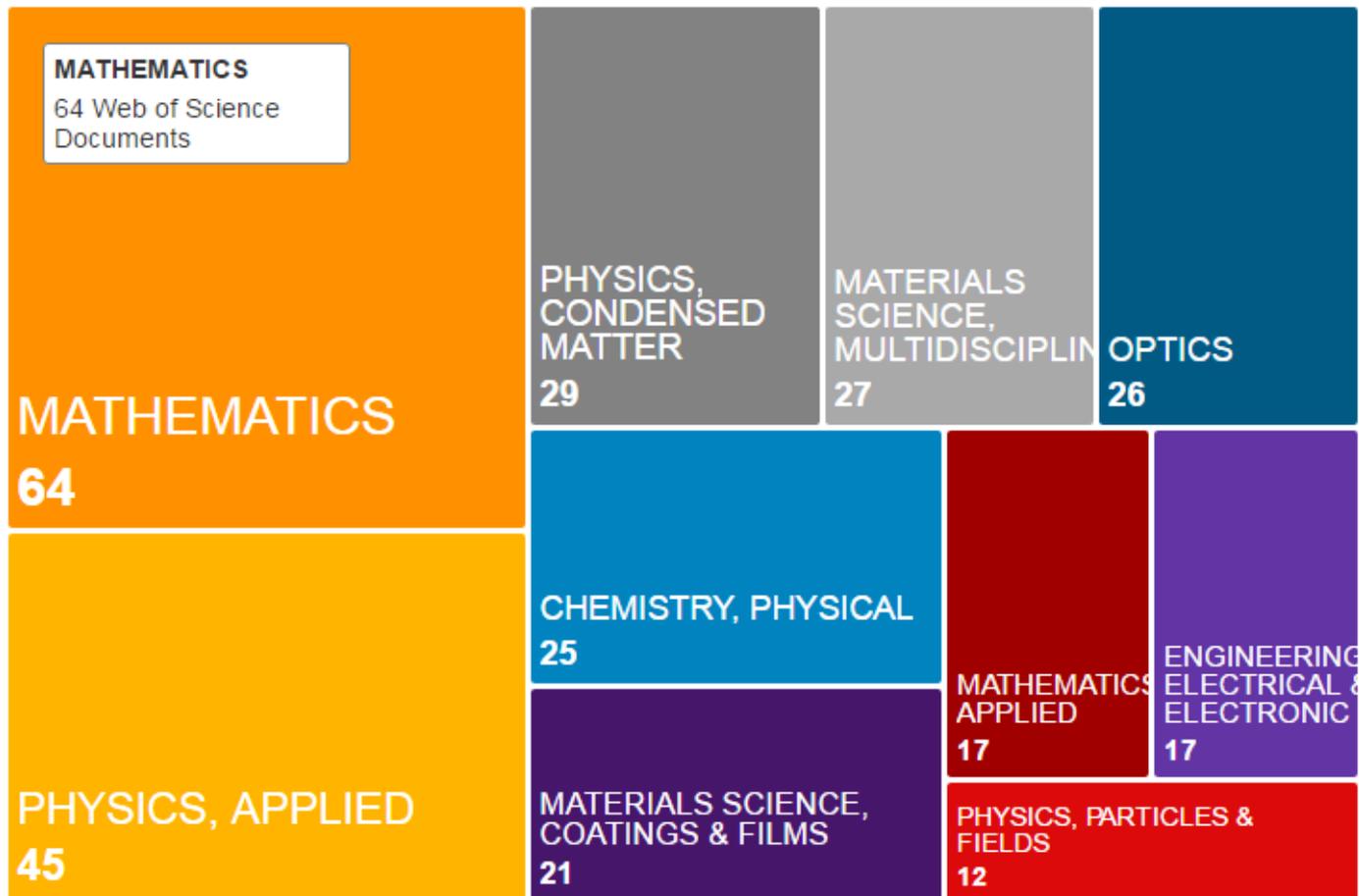
# Партнеры Вашего университета



# Наиболее успешные сотрудничества



# Наиболее продуктивные отрасли знаний



# Наиболее эффективные

