

Семинар Elsevier «Научно-исследовательская деятельность и ее современное информационно-аналитическое обеспечение»

Галина Якшонок

Руководитель партнерских программ издательства Elsevier в России и Беларуси

В основе кризисов, войн, социальных катастроф, революций лежит смена технологических укладов

«Одной из важнейших технологий в настоящее время является алгоритм проектирования будущего. Это методы анализа трендов, предвидения будущих изменений, анализа возможных сценариев развития событий, оценки и управления рисками. Это не случайно – сегодня, чтобы принимать серьёзные дальновидные решения в важнейших сферах жизнедеятельности – социальной, экономической, образовательной, военной, технологической и ряде других – надо заглядывать на 25–30 лет вперед.»

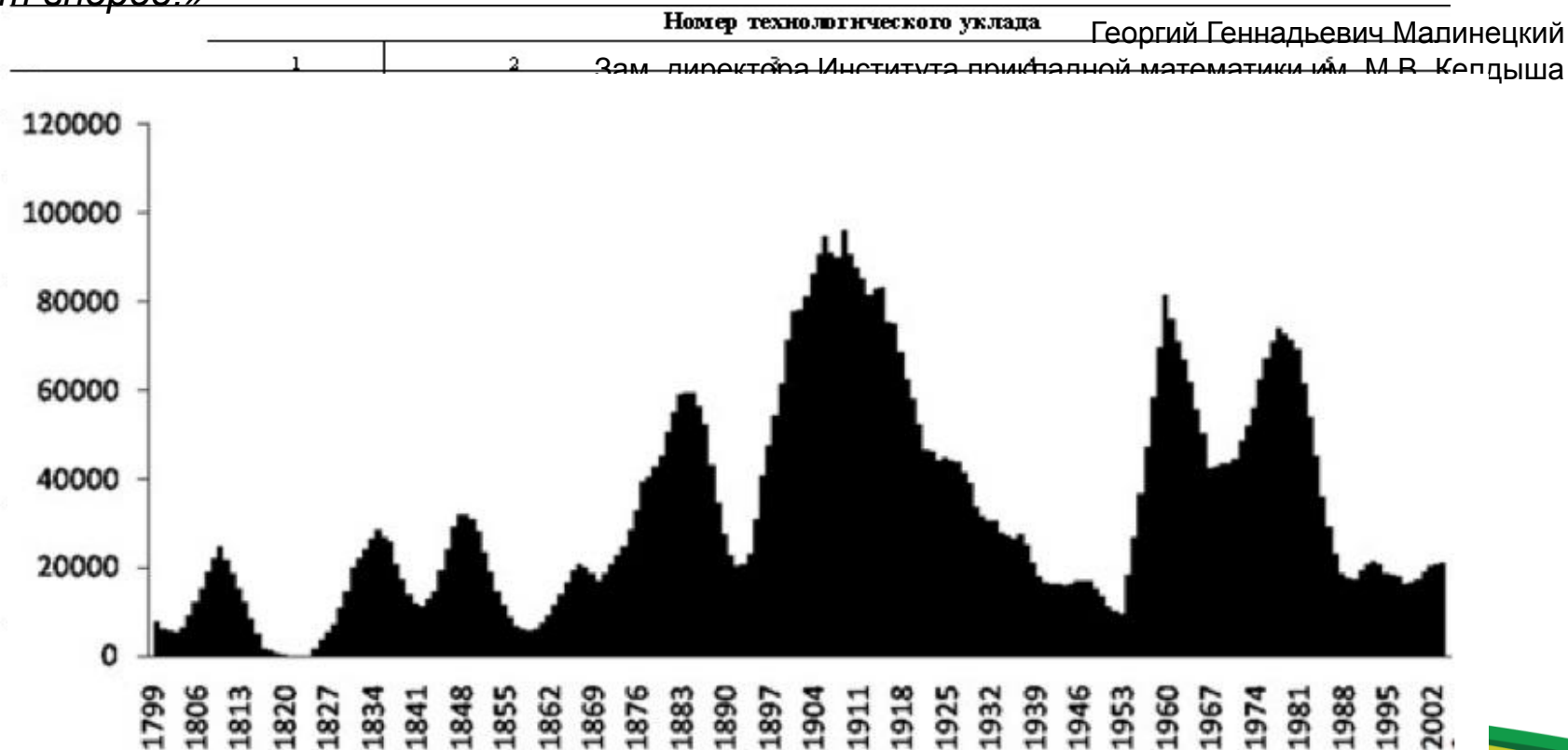
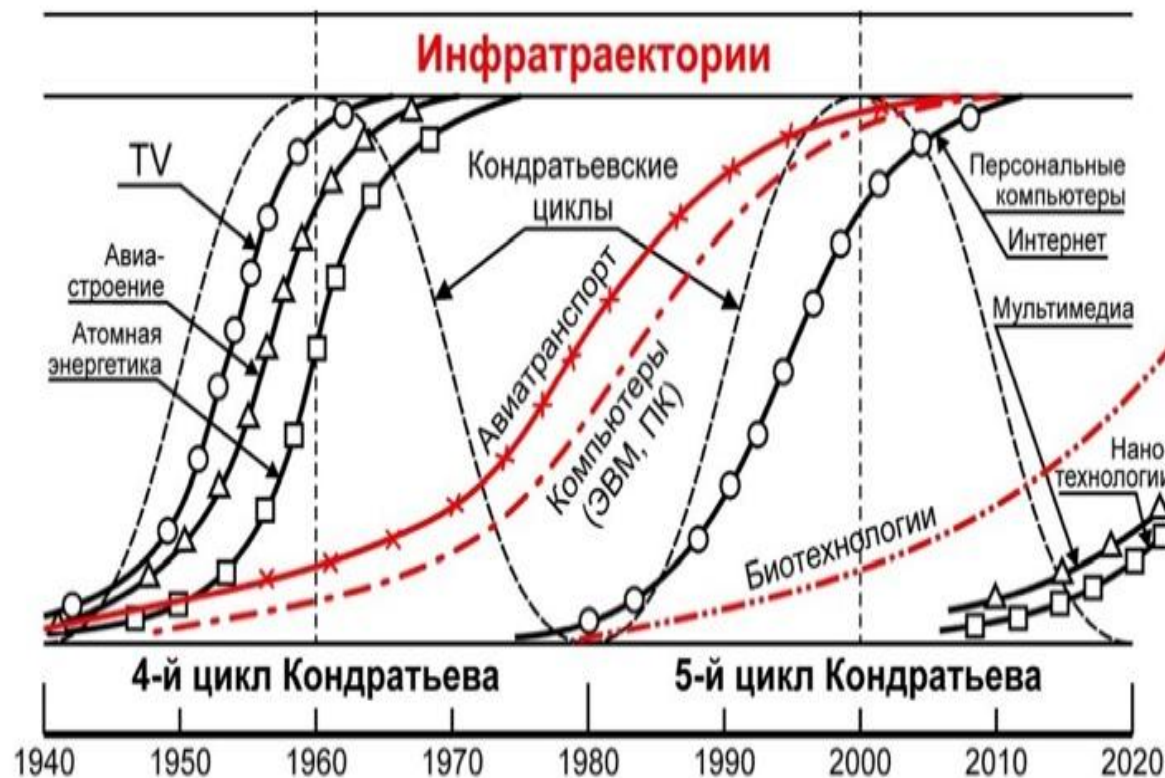


Рис. 1. Распределение крупнейших американских компаний по дате возникновения

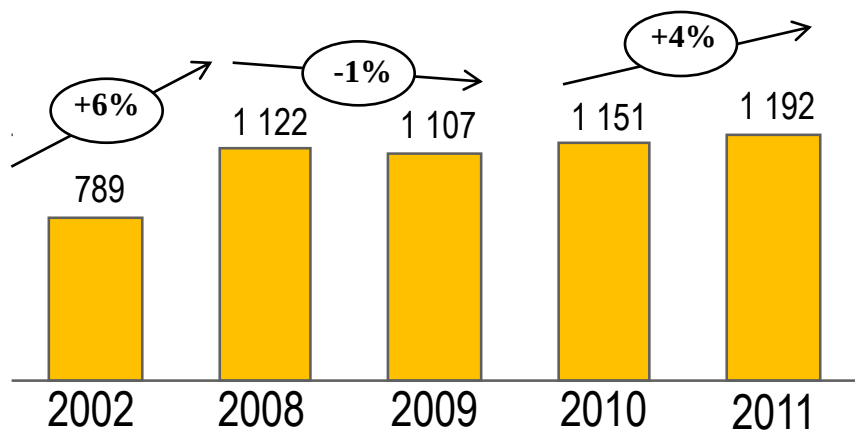
Циклы развития макротехнологий



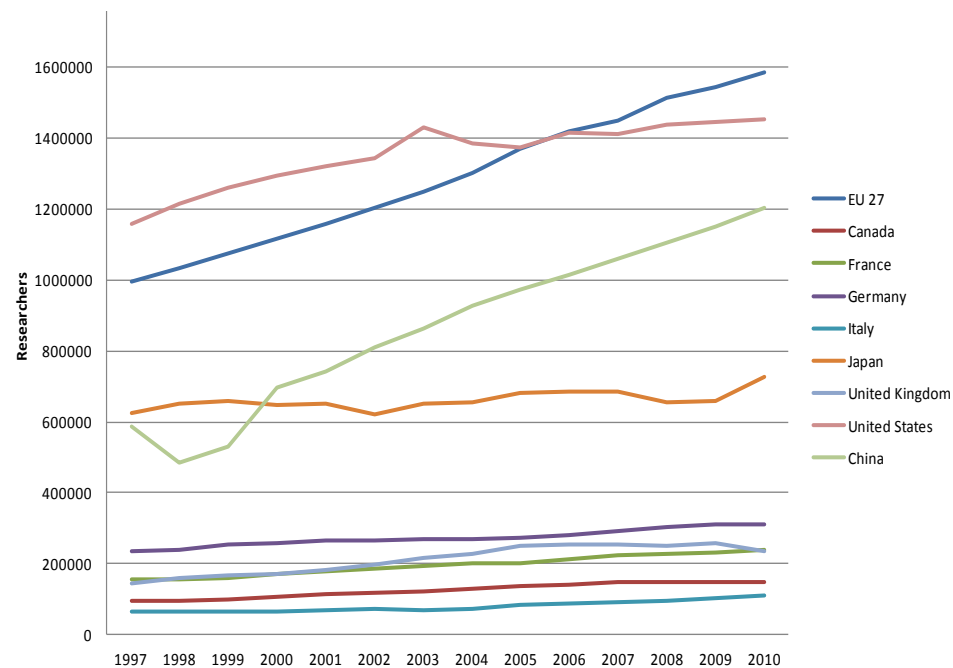
- ✓ Биотехнологии
- ✓ Нанотехнологии
- ✓ Робототехника
- ✓ Высокие гуманитарные технологии
- ✓ Новая медицина
- ✓ Новое природопользование

Научные исследования – мировая индустрия: вклад

Gross Expenditure on R&D - global, \$ Billion



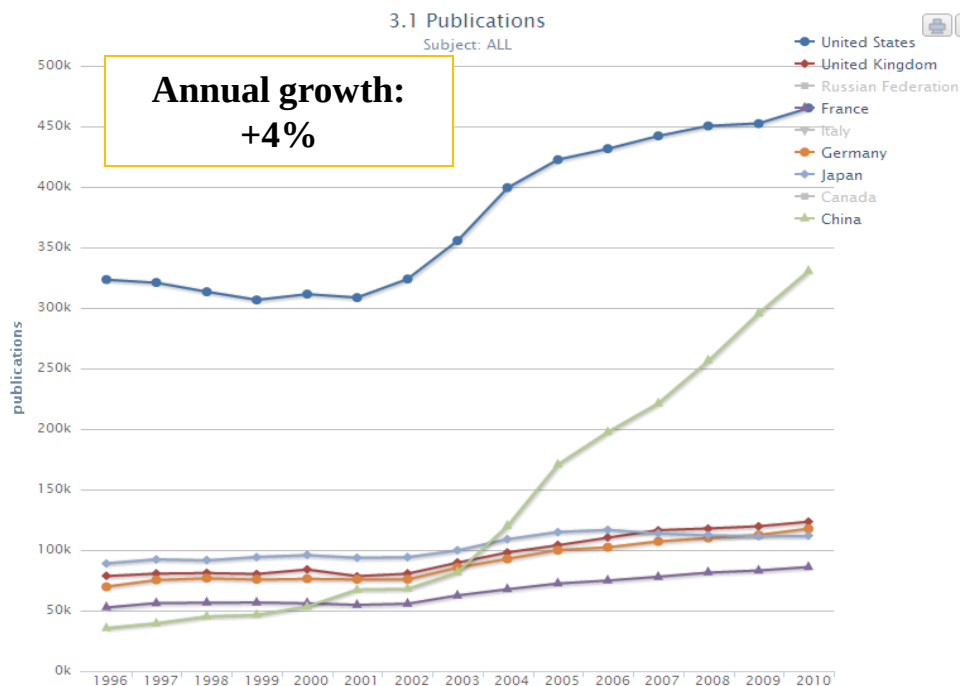
R&D spend as a proportion of GDP: 2%



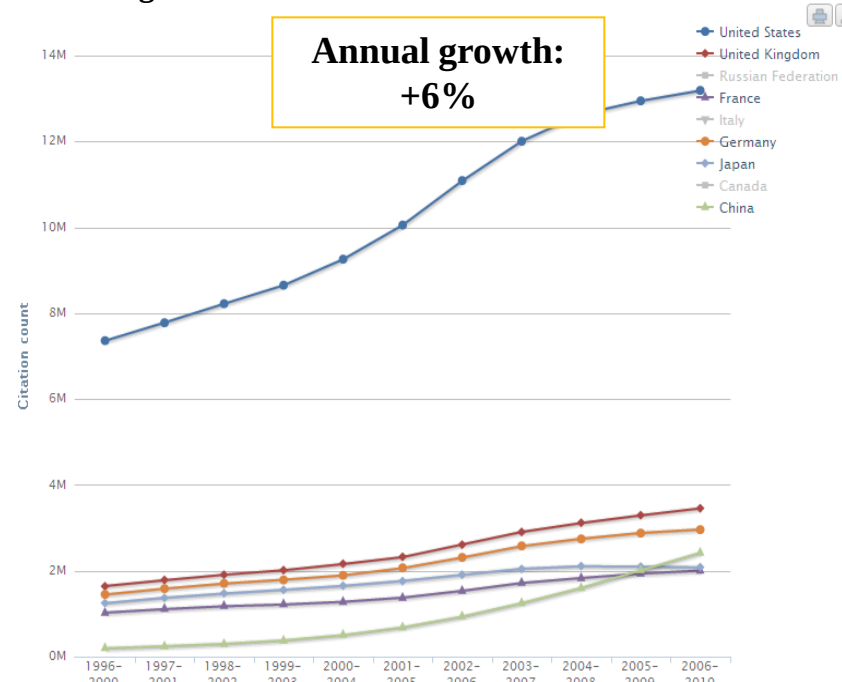
Source: OECD

Научные исследования – мировая индустрия: отдача

Articles Published - global

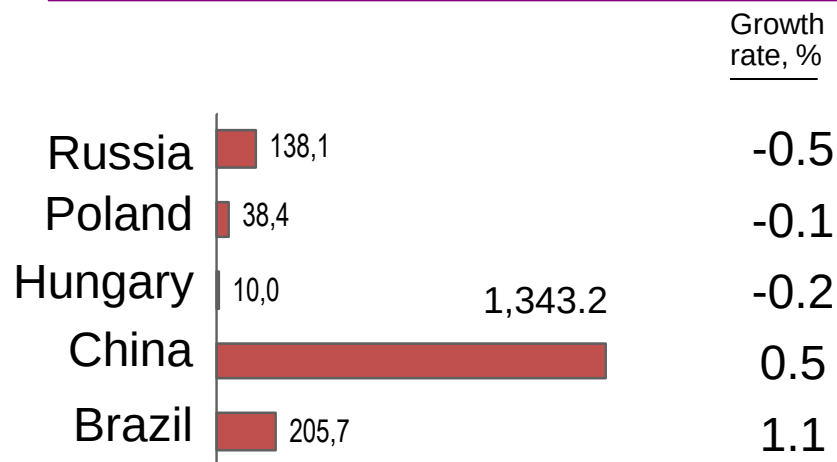


Citations - global

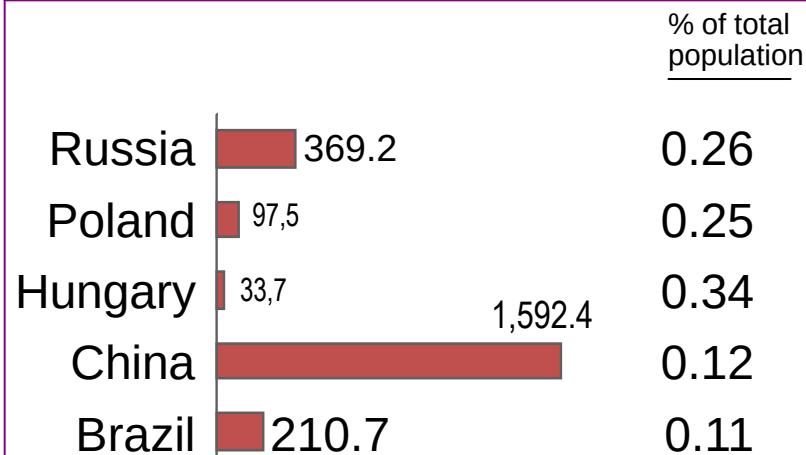


Немного статистики

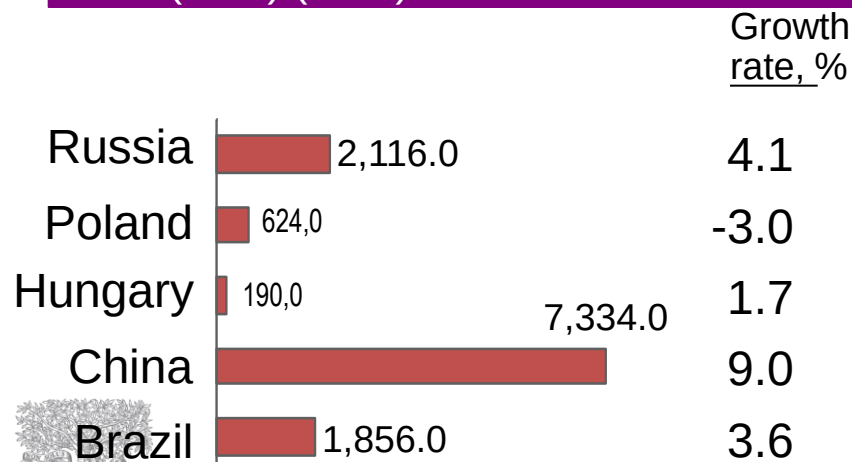
Population (X Mio)



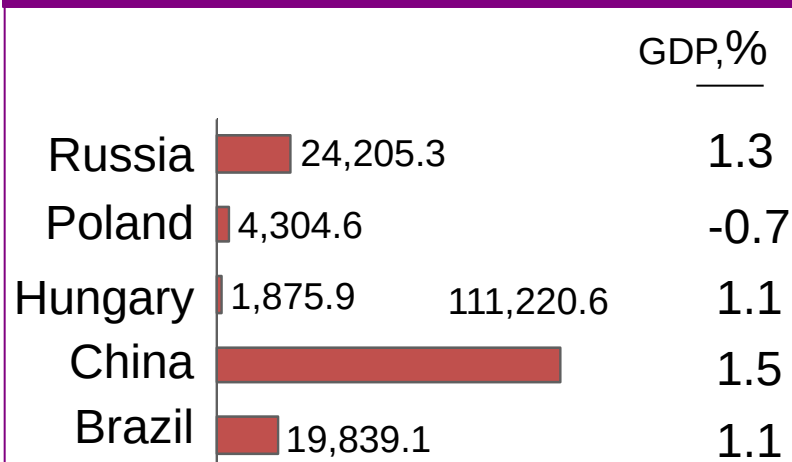
Number of researchers (X Thousand)



GDP (PPP) (X \$b)



R&D Spend (X \$m)

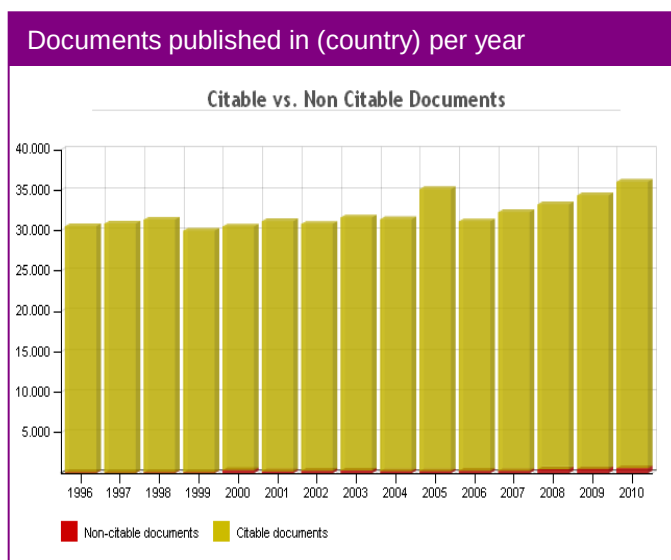


Публикационная активность: Россия

How to cite this website?

SJR is developed by: **SCIMAGO**
research group

Data source: **SCOPUS**



Note: SCImago. (2010). SJR – SCImago Journal & Country Rank. Retrieved September 15, 2011 from <http://www.scimagojr.com>

	Country	Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1	United States	5,322,590	4,972,679	100,496,612	46,657,626	20,18	1,229
2	China	1,848,727	1,833,463	7,396,935	3,937,424	5,66	316
3	United Kingdom	1,533,434	1,392,982	24,535,306	5,911,758	17,42	750
4	Japan	1,464,273	1,429,881	16,452,234	4,953,600	11,72	568
5	Germany	1,396,126	1,321,606	20,437,971	5,412,521	15,79	657
6	France	1,021,041	964,320	14,156,535	3,310,129	15,09	604
7	Canada	790,397	748,787	12,187,113	2,406,404	17,55	580
8	Italy	762,290	720,911	9,861,600	2,316,810	14,45	515
9	Spain	583,554	547,858	6,573,014	1,692,724	13,12	412
10	India	533,006	507,792	3,211,864	1,102,880	7,27	256
11	Australia	520,045	485,249	7,083,995	1,532,649	16,00	450
12	Russian Federation	480,665	476,490	2,456,003	737,059	5,21	285
13	Netherlands	435,083	409,982	7,805,760	1,342,441	20,05	509
14	South Korea	430,438	422,745	3,344,131	769,396	9,82	287
15	Brazil	328,361	318,294	2,409,214	783,003	9,57	262
16	Switzerland	309,549	292,254	6,007,936	848,894	21,77	506
17	Taiwan	308,498	301,775	2,391,691	595,815	9,57	229
18	Sweden	304,831	292,150	5,410,618	905,907	19,09	448
19	Poland	265,139	259,850	1,853,462	496,520	7,87	258
20	Belgium	237,081	224,898	3,621,954	555,562	17,10	398
21	Turkey	231,178	219,280	1,380,599	383,421	7,54	176
22	Israel	186,281	177,814	2,898,025	433,162	16,66	368
23	Austria	164,308	155,111	2,324,954	337,266	16,01	336
24	Denmark	162,761	154,612	3,015,221	452,805	20,42	373
25	Finland	153,964	149,390	2,447,743	415,216	17,64	330
26	Greece	142,767	135,434	1,350,053	253,006	11,34	228
27	Hong Kong	129,792	124,880	1,464,726	232,781	12,79	248
28	Mexico	125,646	122,268	1,005,002	221,648	9,49	201
29	Norway	122,768	116,973	1,749,741	294,571	16,63	288
30	Czech Republic	122,379	118,930	942,579	233,542	8,82	206
31	Iran	120,350	117,469	499,322	204,982	7,68	106
32	Singapore	109,346	105,665	1,092,233	159,314	11,82	218
33	New Zealand	101,286	95,295	1,309,197	218,297	14,80	247
34	Portugal	100,111	96,937	960,473	198,308	12,14	199
35	South Africa	93,926	88,329	862,984	192,386	10,58	198
36	Argentina	93,883	91,056	886,653	200,940	10,56	191
37	Hungary	89,305	86,438	923,883	160,620	11,14	224
38	Ukraine	88,707	88,007	344,658	98,179	3,98	121
39	Ireland	78,892	74,033	974,485	120,487	15,56	234
40	Egypt	64,565	63,415	367,134	78,841	6,79	115

ИННОВАЦИОННЫЕ РЕШЕНИЯ ИЗ ВНЕШНЕЙ СРЕДЫ



- *CEO компании Procter & Gamble В.Лафлей:*
- «Компания может до 50% патентов и инновационных решений получать из внешней научной среды. Поэтому формат R&D (research and development) правильнее трансформировать в формат C&D (connect and development)».

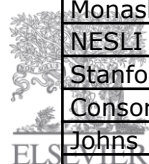
КАК DARPA СОЗДАЕТ ПРОРЫВНЫЕ РАЗРАБОТКИ?

- ЦЕЛЬ: создание искусственной руки.
  - ЗАДАЧА: управление манипулятором силой мысли.
  - РЕЗУЛЬТАТ: парализованный человек смог самостоятельно выпить чашку кофе.
  - РЕШЕНИЕ: ТЕХНОЛОГИЧЕСКИЙ ПАЗЛ СЛОЖИЛСЯ ИЗ 5 НИОКР
-
- 1. Манипулятор, созданный Институтом роботостроения Германского аэрокосмического центра DLR.
  - 2. Манипулятор, созданный коммерческой компанией из Нью-Гэмпшира (США) DEKA Research and Development Corp.
  - 3. Разработки в области нейронаук из Университета Брауна (США).
  - 4, 5. Разработки в области клинической неврологии Главного госпиталя Массачусетса, Гарвардской медицинской школы.

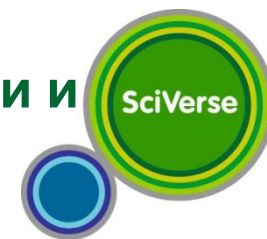
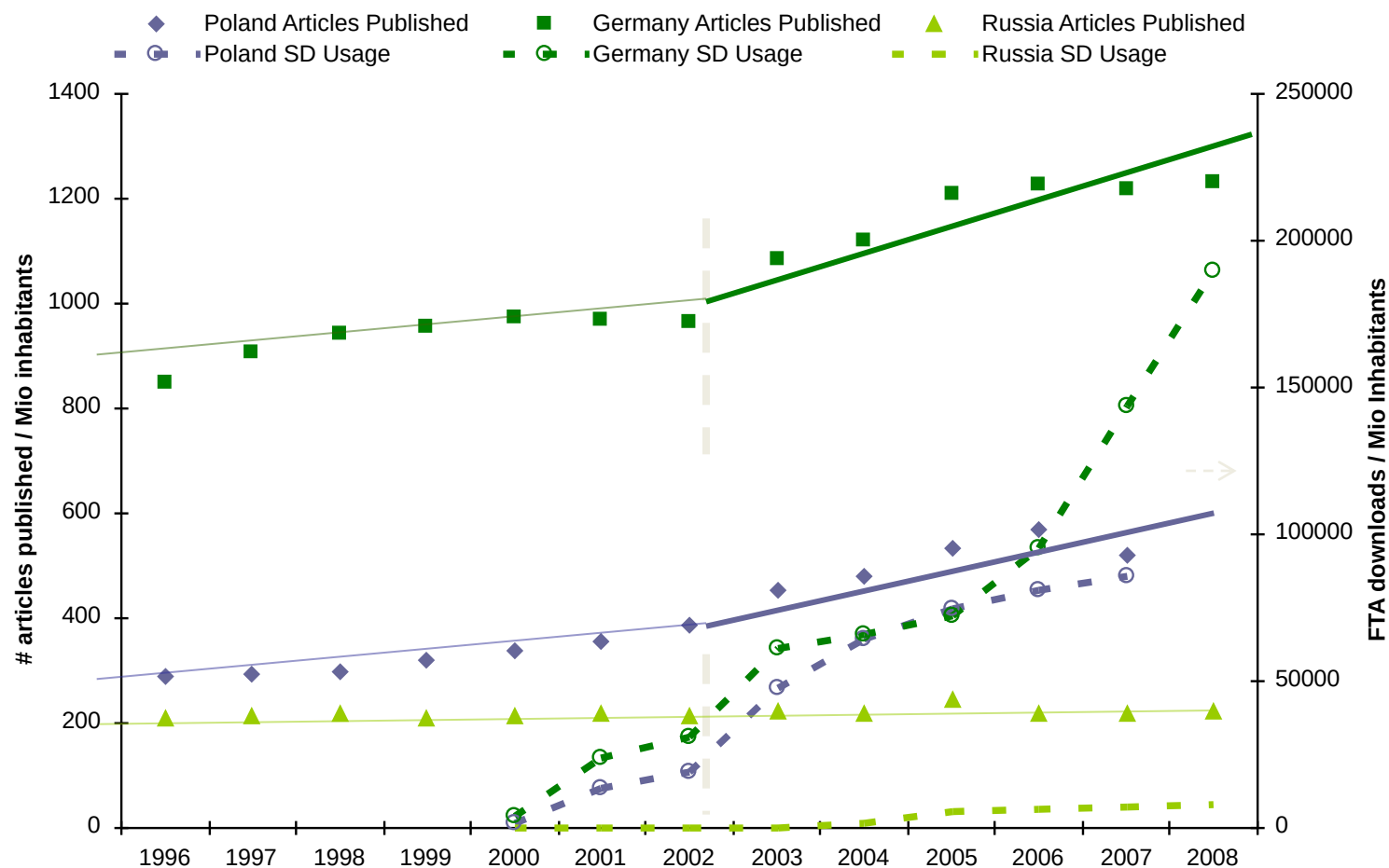
Статистика использования ScienceDirect в мире, январь-декабрь 2012 г.



Account	Country	Total fulltext usage 2012
Central South University	China	3,053,905
Executive Agency for Financing Higher Education, Research, Development and Innovation (UEFISCDI).	Romania	2,791,418
MSRT(UTL A)- University of Tehran	Iran, Islamic Republic of	2,374,766
KESLI - Seoul National University	Korea, Republic of	2,120,133
Zhejiang University	China	2,072,768
USP - Universidade de Sao Paulo - CAPES	Brazil	2,004,048
President and Fellows of Harvard College on behalf of Harvard University	United States	1,930,218
NIH National Institute of Health	United States	1,765,923
Shanghai Jiaotong University	China	1,730,813
Peking University	China	1,671,713
Republique Tunisienne Ministere de l'Enseignement Superieur et de la Recherche Scientifique	Tunisia	1,667,422
National Taiwan University	Taiwan	1,640,526
University of Queensland Library	Australia	1,620,481
RUSSIA (all Institutes, Universities etc.)	Russian Federation	1,587,709
Rutgers University - NERL	United States	1,554,999
COUPERIN - National Centre of Scientific Research(CNRS)	France	1,554,722
Tongji University	China	1,523,846
Jilin University	China	1,494,518
The Regents of the University of Michigan	United States	1,413,783
Huazhong University of Science and Technology	China	1,413,694
University of Sydney	Australia	1,409,296
Yale University - NERL	United States	1,401,817
NESLI The University of Manchester	United Kingdom	1,377,781
The University of Tokyo	Japan	1,375,183
New York University	United States	1,325,606
SWISS Federal Institute of Technology Lausanne [Ecole Polytechnique Federale de Lausanne (EPFL)]	Switzerland	1,309,967
Coordenacao de Aperfeicoamento de Pessoal de Nivel Superior - CAPES	Brazil	1,306,633
Universidad Nacional Autonoma de Mexico	Mexico	1,303,624
University of British Columbia	Canada	1,298,206
Monash University	Australia	1,270,473
NESLI University College London (UCL)	United Kingdom	1,268,826
Stanford University	United States	1,256,107
Consortium Egypt - Cairo University	Egypt	1,250,528
Johns Hopkins University	United States	1,247,682
UKB 1 Universiteit Wageningen	Netherlands	1,237,741
National University of Singapore	Singapore	1,230,357



Рост использования полнотекстовой научной информации и рост публикационной активности: корреляция?

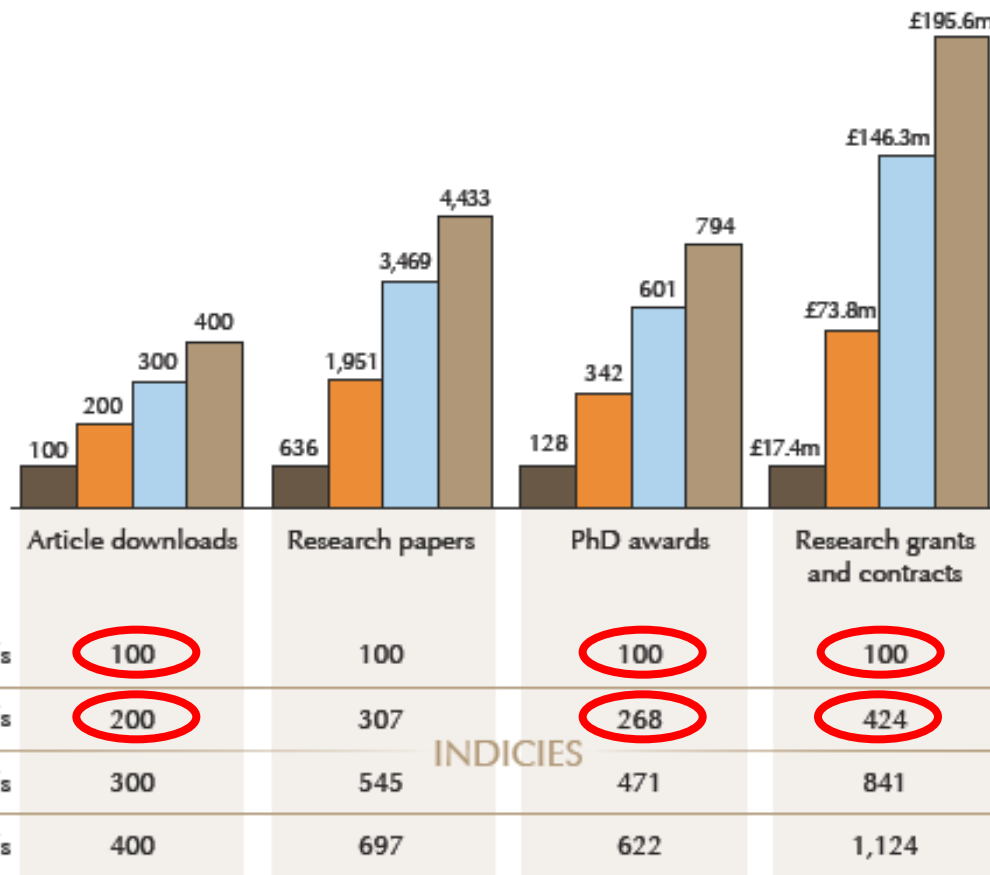


Source: SCOPUS & Science Direct Usage Data 2008



SCOPUS

Исследования University College London подтверждают сильную корреляцию между использованием е-журналов, публикацией статей и распределением средств



“Удвоение в загрузке, с 1 до 2 миллионов, статистически связано с существенным – но не обязательно является причиной – увеличением исследовательской продуктивности”

Рост статей – на 207%
Защита докторских – на 168%

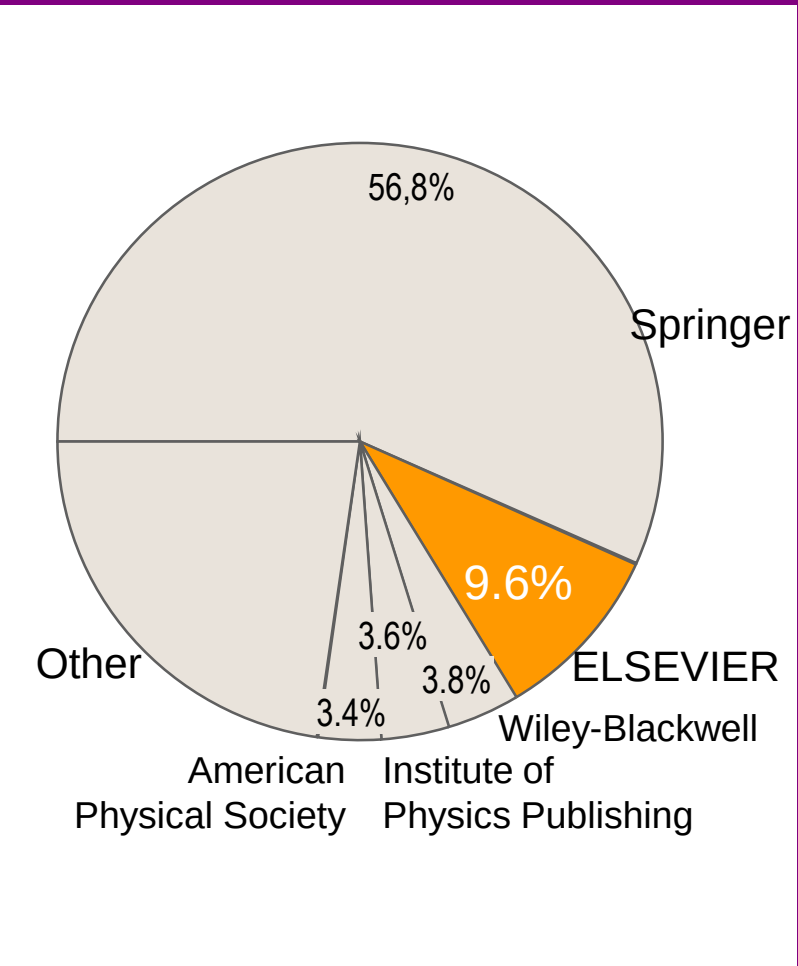
Получено исследовательских грантов и контрактов – на 324%

Рост еще выше – чем больше число загрузок

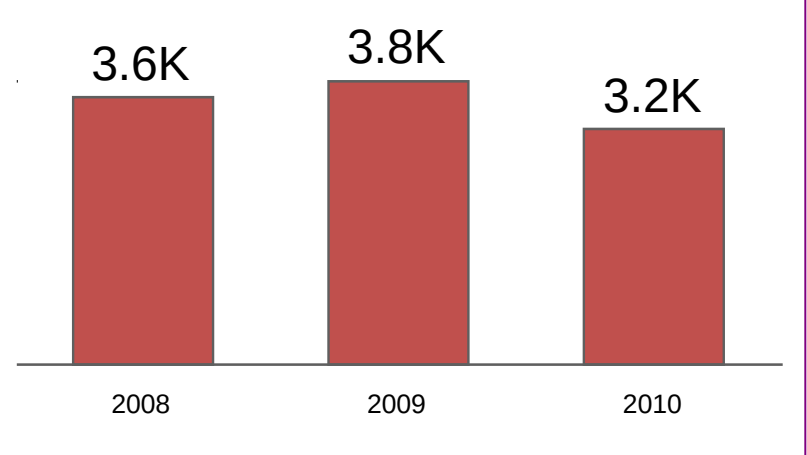
Публикация в рейтинговых журналах повышает цитируемость статей



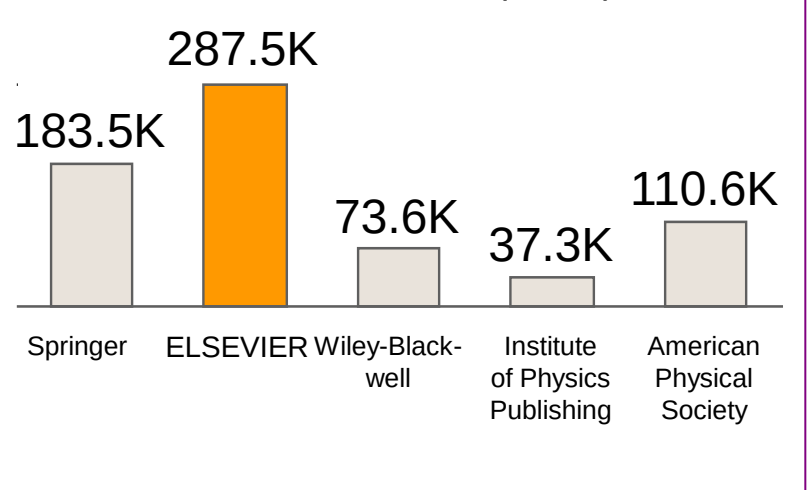
2010 Market share of Articles in (Russia) Indexed on Scopus



Number of Publications with Elsevier in (Russia)



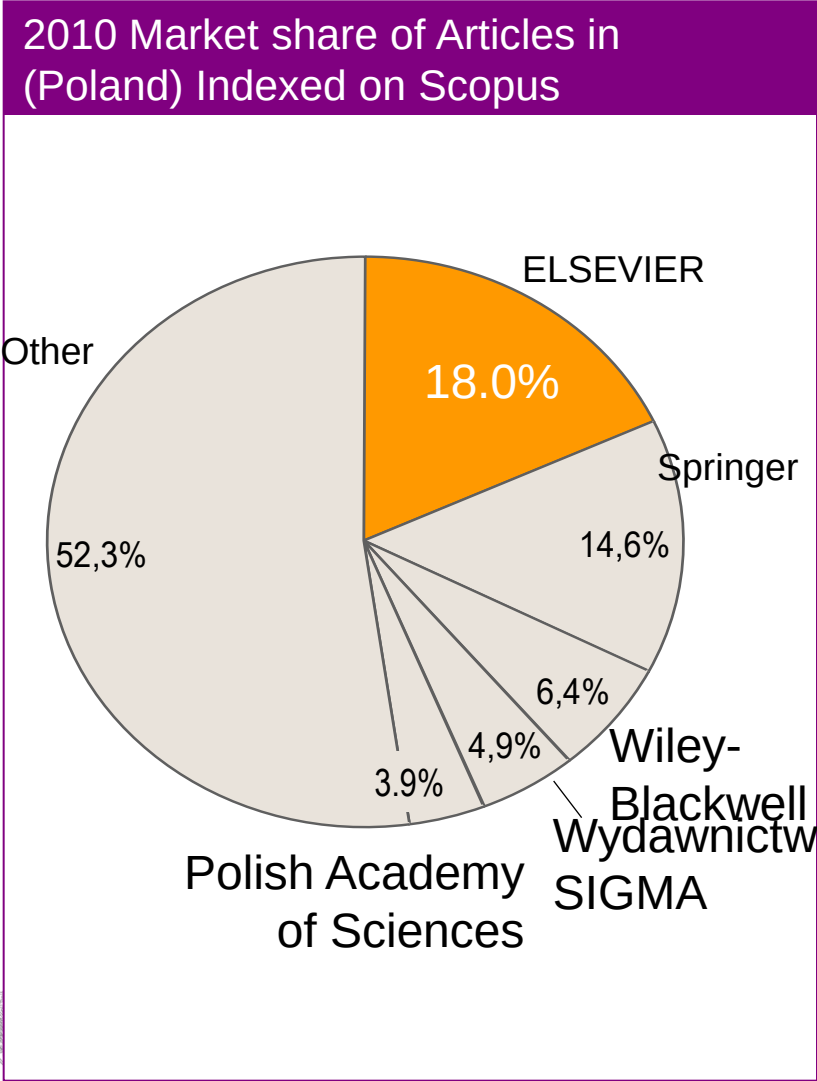
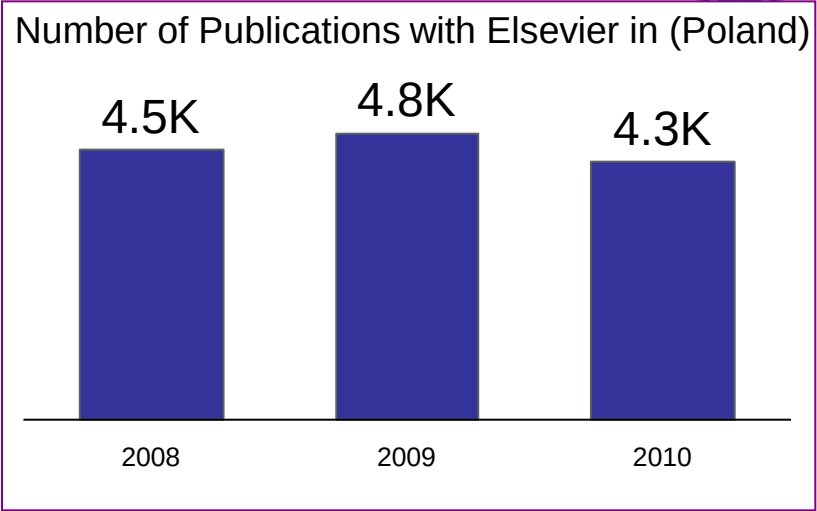
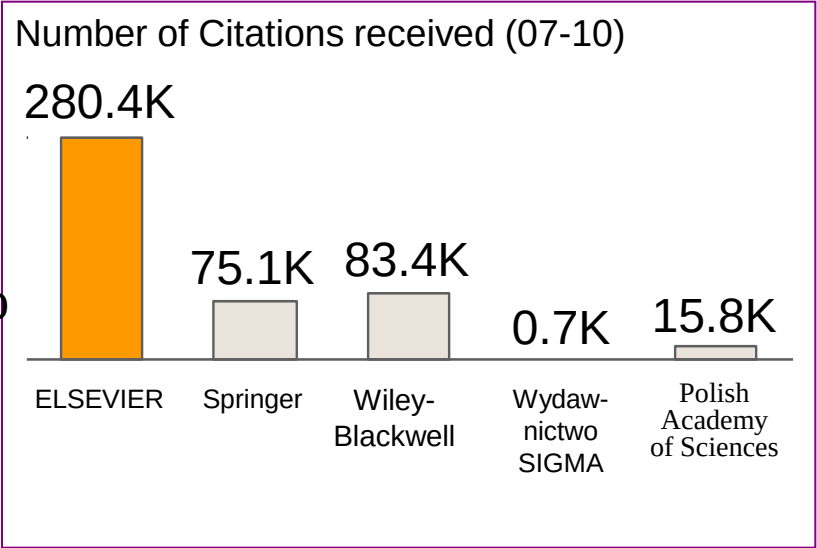
Number of Citations received (07-10)



Source: Sciverse Scopus



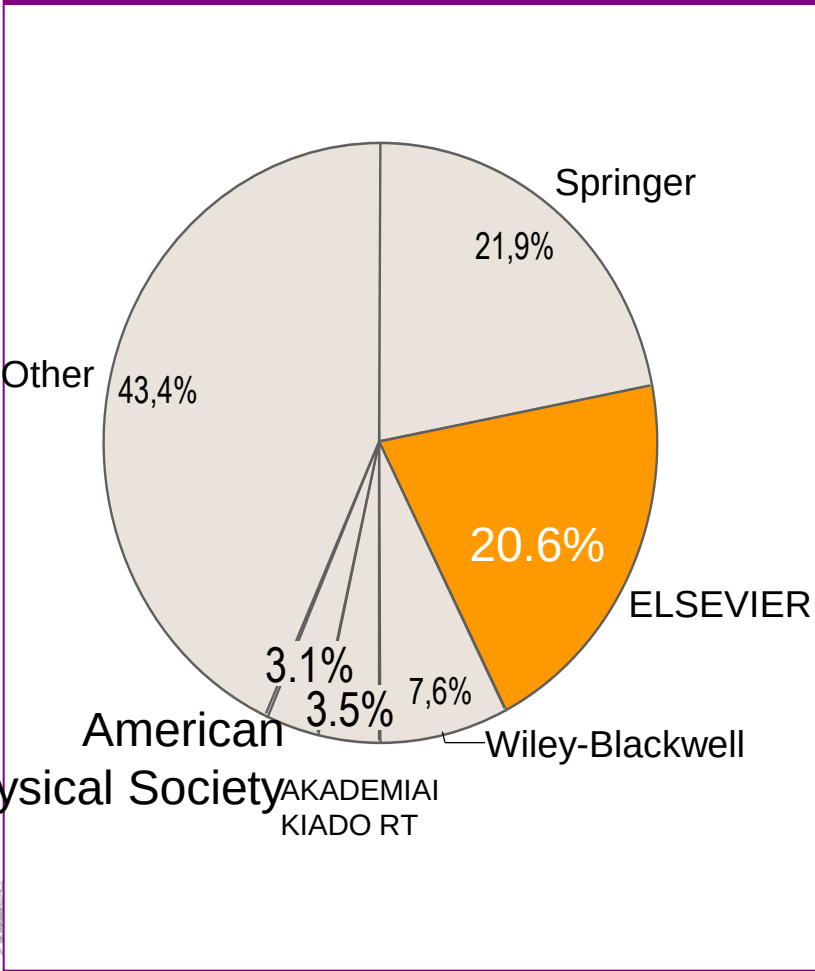
Публикация в рейтинговых журналах повышает цитируемость статей



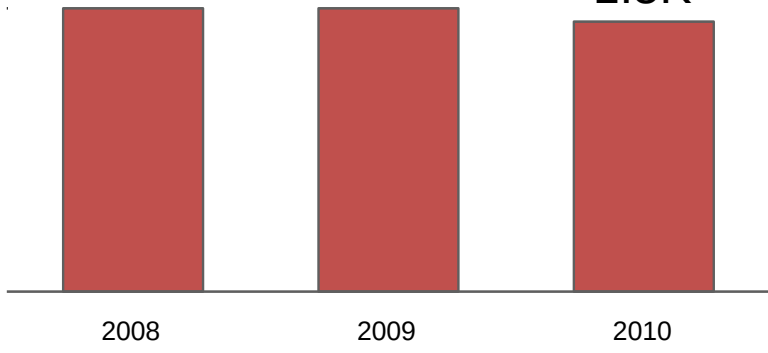
Публикация в рейтинговых журналах повышает цитируемость статей



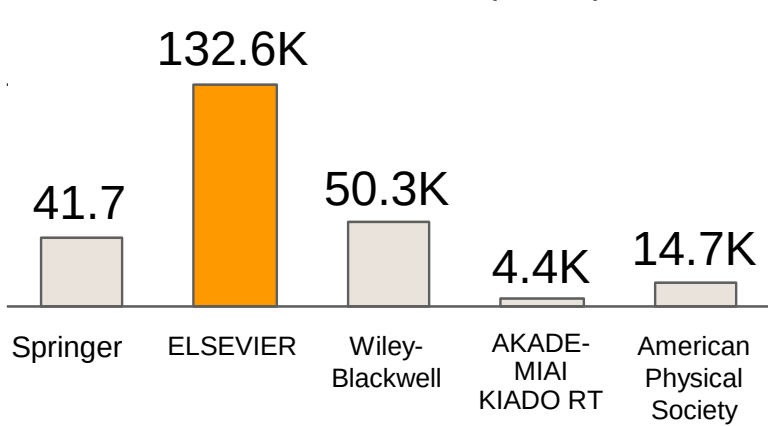
2010 Market share of Articles in (Hungary) Indexed on Scopus



Number of Publications with Elsevier in (Hungary)



Number of Citations received (07-10)

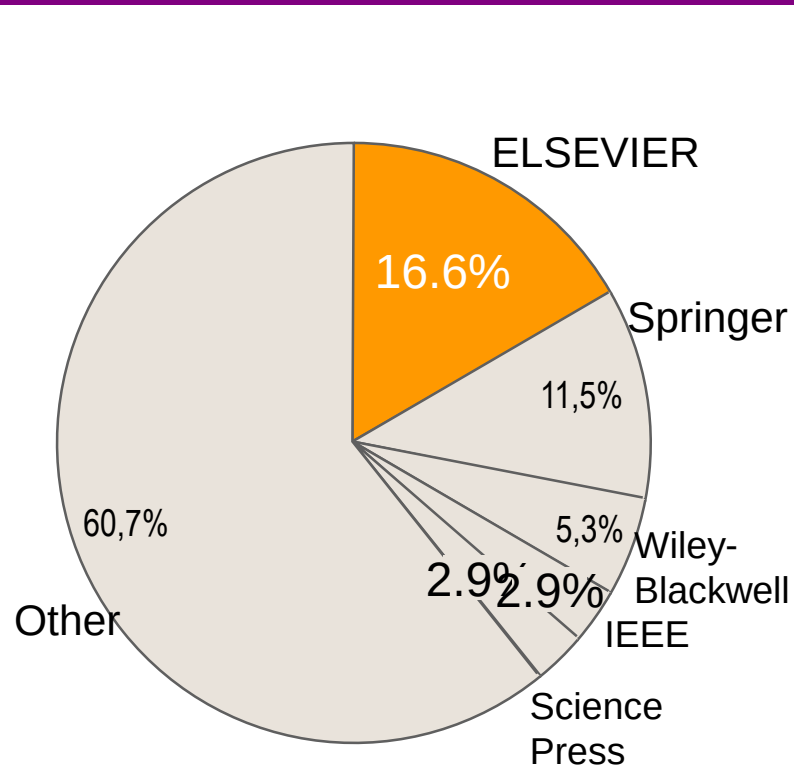


Source: Sciverse Scopus

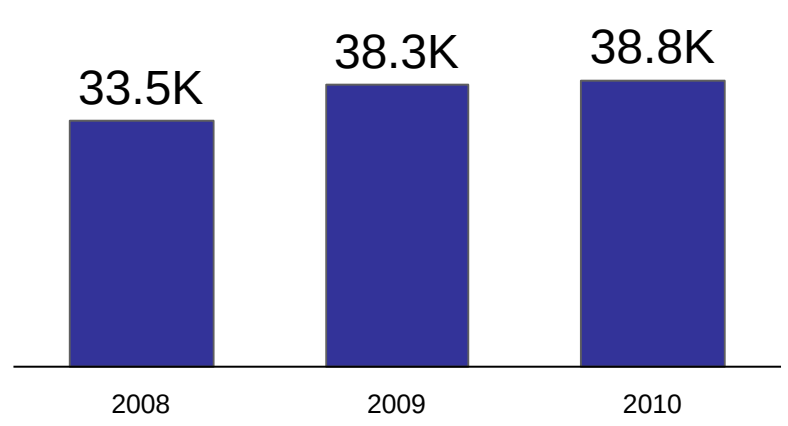
Публикация в рейтинговых журналах повышает цитируемость статей



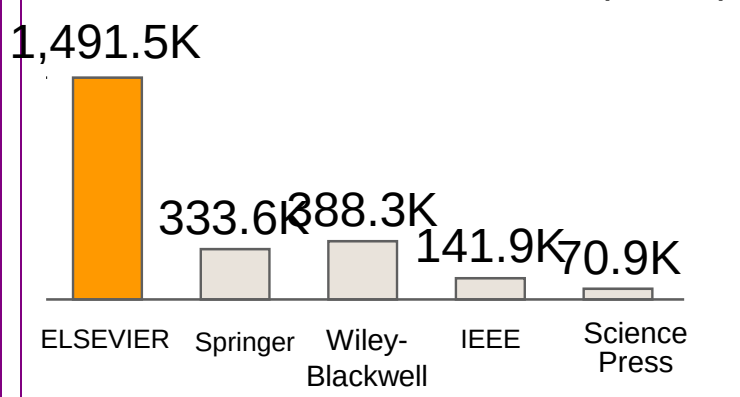
2010 Market share of Articles in (China) Indexed on Scopus



Number of Publications with Elsevier in (China)



Number of Citations received (07-10)



Source: Sciverse Scopus



- Материалы

- НОРМАТИВНО-ПРАВОВОЕ ОБЕСПЕЧЕНИЕ ФГОС ВПО
- МЕТОДИЧЕСКОЕ ОБЕСПЕЧЕНИЕ
- ФГОС ВПО
- ПРИМЕРНЫЕ ОСНОВНЫЕ ОБРАЗОВАТЕЛЬНЫЕ ПРОГРАММЫ
- ПРИМЕРНЫЕ ПРОГРАММЫ ДИСЦИПЛИН
- РЕЕСТР ПРОФИЛЕЙ БАКАЛАВРИАТА
- РЕЕСТР СПЕЦИАЛИЗАЦИЙ
- УМО, НМС И РАЗРАБОТЧИКИ ФГОС
- ПРОЕКТЫ ДОКУМЕНТОВ
- ИЗМЕНЕНИЯ ФГОС
- ПРОГРАММЫ ВПО

Новости

13.07.2012

Минобрнауки России определило ПРИМЕРНЫЙ ПЕРЕЧЕНЬ КРИТЕРИЕВ общероссийской системы оценки эффективности деятельности высших учебных заведений

Минобрнауки России определило ПРИМЕРНЫЙ ПЕРЕЧЕНЬ КРИТЕРИЕВ общероссийской системы оценки эффективности деятельности высших учебных заведений

УТВЕРЖДАЮ

Заместитель Министра
образования



МИНИСТЕРСТВО ОБРАЗОВАНИЯ И НАУКИ
РОССИЙСКОЙ ФЕДЕРАЦИИ

Новости

Министерство

Проекты

Документы

Главная

Документы

27 декабря 2012 года, 19:42

Государственная программа Российской Федерации «Развитие науки и технологий» на 2013-2020 годы

Темы материала

Медведев Дмитрий
Анатолевич

госпрограммы

наука и инновации

научно-педагогические

Правительство Российской Федерации
Распоряжение
от 20 декабря 2012 г. № 2433-р

1. Утвердить [государственную программу Российской Федерации «Развитие науки и технологий»](#).

2. Минобрнауки России разместить государственную программу Российской Федерации «Развитие науки и технологий» на своем официальном сайте, а также на портале государственных программ Российской Федерации в информационно-

Государственная программа
Российской Федерации «Развитие
науки и технологий» на 2013-2020
годы (pdf, 8.8MB)

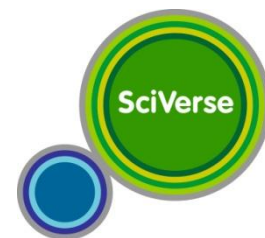
Опубликовать

f Facebook

t Twitter

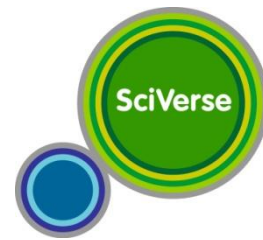
В Вконтакте

Livejournal



Количественные и качественные
показатели развития науки в
виде количества
опубликованных статей и
количества цитирования (в том
числе и по Scopus) введены в
государственные регулирующие
документы

Одна из проблем Российской науки:



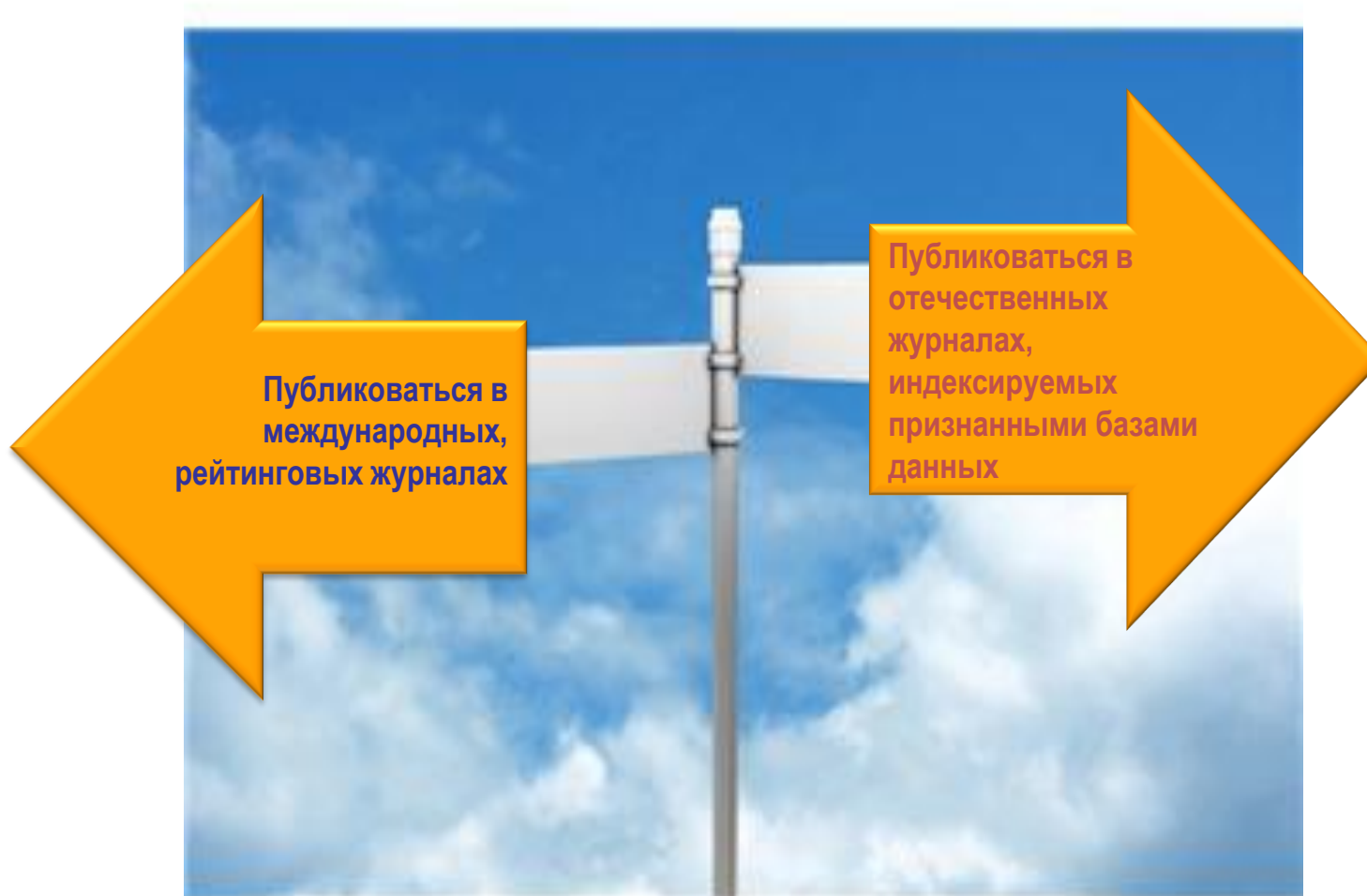
Россия недостаточно представлена в международной науке. Самые эффективные способы улучшения ситуации: либо самим больше публиковаться в рейтинговых международных журналах, либо повышать уровень своих журналов, для индексирования в престижных международных базах данных :

- Необходим значительный сдвиг в количестве и качестве научных публикаций российских ученых
- Необходим оптимальный доступ к современным информационным ресурсам, как к первичным данным (полнотекстовая научная информация для ученых), так и информационным аналитическим ресурсам



Мы готовы работать вместе для решения этих проблем!

Два способа заявить о себе



Информационные решения Elsevier

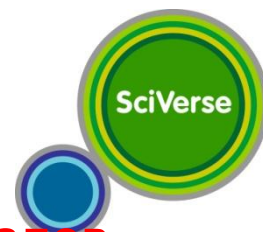


Пользователь	Цель	Ресурс Elsevier	Каким образом Elsevier помогает достичь цель?
Ученые ВУЗов, НИИ, производства	Изучение базовых материалов, оценка отрасли, отслеживание мировых тенденций, разработка передовых инновационных решений		Использование полнотекстовых статей (25% высокорейтинговой научной информации) для исследований
			Определение передовых мировых разработок, тенденций их развития, игроков по базе рефератов и цитирования
			Использование передового ресурса для синтеза новых соединений
Бизнес	Постановка задачи и коммерциализация результатов		Поиск и оценка инноваций, постановка задач НИИ и ВУзам
Производство	Производство продукции		Обеспечение инструментария синтеза новых соединений, производство на основе передовых инженерных решений
Управленческий аппарат, органы Государственной власти	Мониторинг иссл. деят-ти, эффективное планирование		Обеспечение инструментария для мониторинга научной производительности, оценки тенденций развития

www.sciencedirect.com

- Содержит более 2600 полнотекстовых электронных журналов
- В открытом доступе около 180 журналов, в том числе и 14 журналов издательства Cell Press (с 1995 года), рефераты всех статей
- Более 12 млн. рефератов/полнотекстовых статей
  - Содержание сформировано с 1995 и далее
  - Ретроспективная коллекция вплоть до Vol. 1 Issue 1
  - Статьи еще не вышедшие в печать
- Электронные энциклопедии (Online Reference works) – 112 названий
- Электронные продолжающиеся издания (Books series) – более 400 названий
- Электронный справочники (Handbooks) – 200 названий
- Электронные книги (ebooks) – более 9000 названий + MARC





При подписке на Freedom collection доступно около 1800 журналов

- Agricultural and Biological Sciences – 162 журнала
- Biochemistry, Genetics and Molecular Biology – 257 журналов
- Business, Management and Accounting – 80 журналов
- Chemical Engineering – 81 журнал
- Chemistry – 113 журналов
- Computer Science – 132 журнала
- Decision Sciences – 47 журналов
- Earth and Planetary Sciences – 104 журнала
- Economics, Econometrics and Finance – 80 журналов
- Energy – 45 журналов
- Engineering – 196 журналов
- Environmental Science – 87 журналов
- Health Sciences – 604 журнала
- Immunology and Microbiology – 93 журнала
- Materials Science – 128 журналов
- Mathematics – 93 журнала
- Neuroscience – 113 журналов
- Pharmacology, Toxicology and Pharmaceutical Science – 95 журналов
- Physics and Astronomy – 113 журналов
- Psychology – 107 журналов
- Social Sciences – 171 журнал



Доступ к текущему году + 4 предыдущих

Articles ☒ All fields Author
Images ☐ Journal/Book title Volume Issue Page

[Advanced search](#)[? Search tips](#)

Get your article submission-ready
or promote your work after it's published.

WebShop
webshop.elsevier.com

Browse 11,692,223 Articles

Browse by title

A|B|C|D|E|F|G|H|I|J|K|L|M
N|O|P|Q|R|S|T|U|V|W|X|Y
Z|0-9

Browse by subject

Physical Sciences and Engineering

- Chemical Engineering
- Chemistry
- Computer Science
- Earth and Planetary Sciences
- Energy
- Engineering
- Materials Science
- Mathematics
- Physics and Astronomy

Life Sciences

- Agricultural and Biological Sciences
- Biochemistry, Genetics and Molecular Biology
- Environmental Science
- Immunology and Microbiology
- Neuroscience

Health Sciences

- Medicine and Dentistry
- Nursing and Health Professions

Recent Actions [Turn off](#)

All (0) | [Searches \(0\)](#) | [Full text \(0\)](#) | [Journals/Books \(0\)](#)

[View more](#) | [Clear all](#)

This list displays your recent actions (up to the last 100) while you

Quick Links

Favorite Journals / Books

- Manage Favorites
- Chemistry & Biology
- Tetrahedron
- Tetrahedron: Asymmetry
- Tetrahedron Letters

- без перерывов
- доступные рефераты статей с 1823 г.
- бесплатные полные тексты статей из 100 журналов
- остальное – по подписке

- All Journals, Basic Search
- Alerts
- Recall Saved Searches
- Top-25 articles in my subject area
- ScienceDirect Info site

Quick Links on the Web

- Add to my Quick Links
- Russian Elsevier
- Usagereports
- Submit an article
- Scopus - database of research literature
- Hub - SciVerse's integrated search platform
- Elsevier

Latest News

- FREE ACCESS to a variety of

ScienceDirect Support Blog.

Follow @ScienceDirect on Twitter.

About ScienceDirect

Want to know more? The [SciVerse ScienceDirect Info site](#) has all the information you need to help you make the most of ScienceDirect.

Find out more about:

- Switching on Recent Actions
- Setting up Quick Links
- Setting up Alerts
- ...and Customize ScienceDirect now!

Проверка доступа

Hub | ScienceDirect | Scopus | Applications

Home + Recent Actions | **Publications** | Search | My settings | My alerts

Articles ☒ All fields Author
Images ☐ Journal/Book title Issue Page

1800 журналов

3145 titles found

Browse by Subject

Edit

Chemical Engineering (646)
Chemistry (649)
Computer Science (1415)
Earth and Planetary Scien... (416)
Energy (304)
Engineering (1912)
Materials Science (736)
Mathematics (393)
Physics and Astronomy (523)
Agricultural and Biologic... (693)
[View all](#)

Browse by Favorites

Browse Alphabetically

☒ Journals (3148)

☐ All Book Content (7960)

☐ Books (7469)

☐ Book Series (302)

☐ Handbooks (69)

☐ Reference Works (120)

☐ Display Series Volume Titles

☒ Show full-text available only

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9 All

Title

A

AASRI Procedia

Journal



Academic Pediatrics

Journal



Academic Radiology

Academic Radiology



ACC Current Journal Review

Subscribed:

Volume 1, Supplement 1 (1994) to Volume 19, Issue 12 (2012)



Accident Analysis & Prevention



Accident and Emergency Nursing

Journal



Accounting Forum

Journal



Accounting, Management and Information Technologies

Journal



Accounting, Organizations and Society

Journal



ACOG Clinical Review

Journal



Acta Agronomica Sinica

Journal



Acta Anaesthesiologica Taiwanica

Journal



Acta Astronautica

Journal



Acta Automatica Sinica

Journal



Acta Biomaterialia

Journal

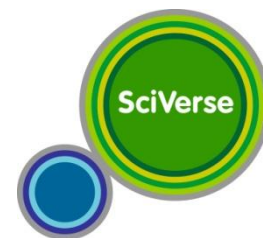


Acta Ecologica Sinica

Journal



Поиск



All Sources Journals Books Reference Works Images [Advanced search](#) | [Expert search](#)

[? Search tips](#)

Search

"atomic station" in Full Text

AND

Russia* in Affiliation

Include

☒ Journals ☐ All Books

Source

All sources

All sources

Subscribed sources

My Favorite sources

Agricultural and Biological Sciences

Arts and Humanities

Biochemistry, Genetics and Molecular Biology

Date Range

☒ All Years ☐ 2009 to: Present

Search | [Recall search](#)

Hold down to select

Более 680 новых книг в 2013 г.

<http://www.info.sciverse.com/sciencedirect/books/ebooks>

SciVerse

[HOME](#) [PRODUCTS](#) [CUSTOMER SUPPORT](#) [RESOURCES](#) [NEWS](#) [COMMUNITY](#) [CONTACT US](#)

PRODUCTS

ScienceDirect

- About
- Content
  - Books
    - Books Collections
    - Books Support
    - How to Purchase
- Journals
- Journal Backfiles
- Free access to articles by Nobel Laureates
- Subscriptions
- Set up
- Using
- Releases

Scopus

Hub

eBooks

Offering comprehensive coverage of the full range of scientific disciplines, including those published under the renowned Pergamon and Academic Press imprints, over 5,300 monograph and series books are now fully integrated with journals, book series, handbooks and reference works on SciVerse ScienceDirect.

[Contact Sales](#)
For Pricing Information

[Recommend This](#)
To Your Librarian

Did you know? 72% of researchers recently surveyed by Elsevier and S.M.S. Research (2009) indicate that they value online book content most to build essential foundation knowledge in their subject area—and in new areas.

Spanning 22 subject collections within the science and technology disciplines and key Health Sciences disciplines, the ScienceDirect eBooks Frontlist collection for 2013 is an increasingly significant source of relevant, quality content. From Chemistry to Engineering to Clinical Medicine and many other subjects in between, you are sure to find outstanding resources to support your work.

Choose a Destination... ▾

SciVerse ScienceDirect eBooks Collection 2013 Frontlist

Available now for advance purchase!
(HTML version; Excel version; CSV version)

[Share](#) [in](#) [tw](#) [pr](#)



[Contact Sales](#)

[Visit \[www.sciencedirect.com\]\(http://www.sciencedirect.com\)](#)

[Register as a User](#)

[Customize ScienceDirect](#)

[How-to Videos](#)

[MyElsevier.com](#)

Количество загруженных глав

Reference Work	Metrics	Requests for Full Text Reference Work Chapters		Total
		Dec-12	Jan-13	
Total	Total	201	159	360
Comprehensive Nuclear Materials	9780-080560335	0	113	113
Comprehensive Nanoscience and Technology	9780-123743961	78	1	79
Comprehensive Microsystems	9780-444521903	55	0	55
Comprehensive Biomaterials	9780-080552941	2	13	15
Encyclopedia of Materials: Science and Technology	9780-080431529	8	6	14
Comprehensive Semiconductor Science and Technology	9780-444531537	9	1	10
Treatise on Geophysics	9780-444527486	9	1	10
Encyclopedia of Physical Science and Technology (Third Edition)	9780-122274107	8	1	9
Encyclopedia of Spectroscopy and Spectrometry (Second Edition)	9780-123744135	6	3	9
Polymer Science: A Comprehensive Reference	9780-080878621	0	5	5
Comprehensive Biotechnology (Second Edition)	9780-080885049	1	3	4
Comprehensive Heterocyclic Chemistry III	9780-080449920	4	0	4
Encyclopedia of Electrochemical Power Sources	9780-444527455	1	3	4
Encyclopedia of Mathematical Physics	9780-125126663	4	0	4
Encyclopedia of Biodiversity	9780-122268656	3	0	3
Encyclopedia of Condensed Matter Physics	9780-123694010	1	2	3
Comprehensive Organic Functional Group Transformations II	9780-080446554	0	2	2
Comprehensive Sampling and Sample Preparation	9780-123813749	2	0	2

Новое представление полнотекстовой информации



Hub | **ScienceDirect** | Scopus | Applications

Galina Yakshonak | Logout | Go to SciVal Suite

Home + Recent Actions | Publications | **Search** | My settings | My alerts

Export citation | PDF (308 K) | More options...

Search ScienceDirect

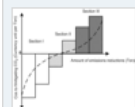
☒ Show thumbnails in outline

Abstract

Highlights

Keywords

1. Introduction
2. Methodology: Cost abatement curves to induce structure of interests



3. National backgrounds

3.1. GHG emissions and energy

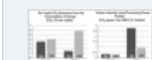


Table 1

3.2. Emissions reduction potentials

Table 2

Table 3

4. Analysis

4.1. International pledges

Table 4

4.2. Mexico



Energy Policy

Volume 51, December 2012, Pages 128–137

Renewable Energy in China



Framing energy efficiency and renewable energy policies: An international comparison between Mexico and China

Jose Maria Valenzuela, Ye Qi

School of Public Policy and Management, and Climate Policy Initiative, Tsinghua University, Beijing 100084, China

<http://dx.doi.org/10.1016/j.enpol.2012.03.083>, [How to Cite or Link Using DOI](#)

[Permissions & Reprints](#)

Abstract

This essay compares national strategies on mitigation of GHG emissions for Mexico and China. This state-centered analysis stresses the importance of the interaction between international commitments, the disposition of internal interest of economy-wide actors, and the legacies of policy making and institutions, particularly in relation to economic development and central–local government relations. This research does not attempt to classify institutions according to their effectiveness to foster climate change policies, but rather explores specific circumstances for climate change policy making on developing countries. Contrary to international proposal to find a generic optimal policy choice, the research explored the relevance of certain political and economic institutions that can be present in other national cases. It shows that the legacies on liberalization and state retreat undermine the state ability to effectively engage with the economic actors on decisions and management. Likewise regular engagement with them undermines the state affinity towards pursuing economic efficient solutions. The relevance of adequate system of incentives for local government to engage in an agenda that is, by nature, adopted by the central

Bibliographic information

Citing and related articles

Related articles

Understanding developing country stances on post-2012 climate...

2010, Energy Policy

[Show more information](#)

Financing energy efficiency in developing countries—lessons le...

2010, Energy Policy

[Show more information](#)

An equity- and sustainability-based policy response to global cli...

1998, Energy Policy

[Show more information](#)

Chinese energy and climate policies after Durban: Save the Kyo...

2012, Renewable and Sustainable Energy Reviews

[Show more information](#)

Managing the transition to sustainability in an emerging econom...

2011, Environmental Innovation and Societal Transitions

[Show more information](#)

[View more articles »](#)

Cited by (0)

This article has not been cited.

Applications and tools

Workspace

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

SciVerse

Else
logc

article of the future

Home

About

Prototypes in

Business Management
Electrochemistry
Materials Science
Mathematics & Computer Science
Paleontology
Parasitology & Tropical Diseases
Psychology & Cognitive Science

Key features

Presentation
Content
Context

Acknowledgements

Experience
it here

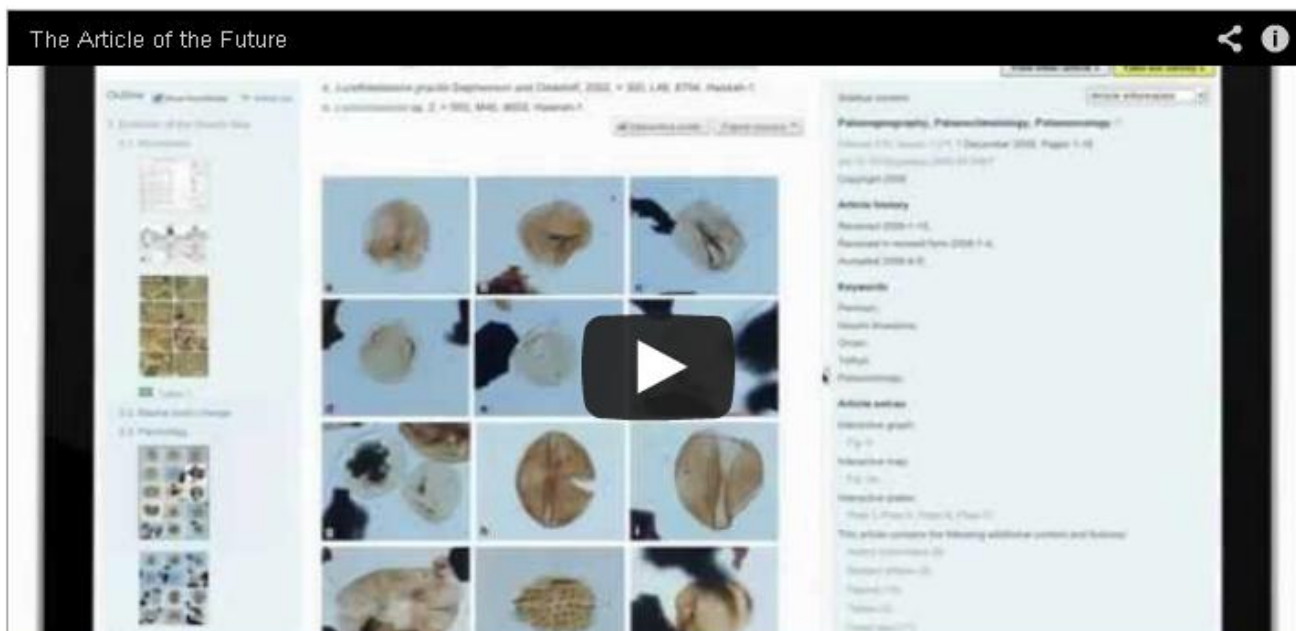
take the survey

The Article of the Future is now live! Have you experienced it?

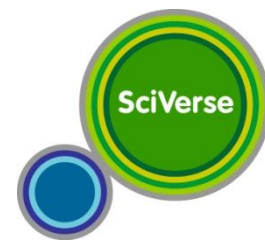
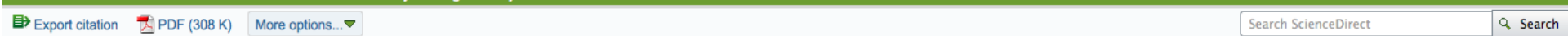
Resulting from the Article of the Future project innovations, we are now able to announce the SciVerse ScienceDirect redesigned article page, with a new layout including a navigational pane and an optimized reading middle pane.

The Article of the Future project- an ongoing initiative aiming to revolutionize the traditional format of the academic paper in regard to three key elements: presentation, content and context.

Learn what we are doing and why by viewing the video below.



Новое представление полнотекстовой информации



☒ Show thumbnails in outline

Abstract

Highlights

Keywords

1. Introduction

2. Methodology: Cost abatement curves to induce structure of interests

3. National backgrounds

3.1. GHG emissions and energy

3.2. Emissions reduction potentials

4. Analysis

4.1. International pledges

4.2. Mexico

 **Energy Policy**
Volume 51, December 2012, Pages 128–137
Renewable Energy in China



Framing energy efficiency and renewable energy policies: An international comparison between Mexico and China

Jose Maria Valenzuela, Ye Qi  

School of Public Policy and Management, and Climate Policy Initiative, Tsinghua University, Beijing 100084, China

<http://dx.doi.org/10.1016/j.enpol.2012.03.083>, [How to Cite or Link Using DOI](#)

[Permissions & Reprints](#)

Abstract

This essay compares national strategies on mitigation of GHG emissions for Mexico and China. This state-centered analysis stresses the importance of the interaction between international commitments, the disposition of internal interest of economy-wide actors, and the legacies of policy making and institutions, particularly in relation to economic development and central–local government relations. This research does not attempt to classify institutions according to their effectiveness to foster climate change policies, but rather explores specific circumstances for climate change policy making on developing countries. Contrary to international proposal to find a generic optimal policy choice, the research explored the relevance of certain political and economic institutions that can be present in other national cases. It shows that the legacies on liberalization and state retreat undermine the state ability to effectively engage with the economic actors on decisions and management. Likewise regular engagement with them undermines the state affinity towards pursuing economic efficient solutions. The relevance of adequate system of incentives for local government to engage in an agenda that is, by nature, adopted by the central

Bibliographic information

Citing and related articles

Related articles

Understanding developing country stances on post-2012 climate...
2010, Energy Policy
[Show more information](#)

Financing energy efficiency in developing countries—lessons le...
2010, Energy Policy
[Show more information](#)

An equity- and sustainability-based policy response to global cli...
1998, Energy Policy
[Show more information](#)

Chinese energy and climate policies after Durban: Save the Kyo...
2012, Renewable and Sustainable Energy Reviews
[Show more information](#)

Managing the transition to sustainability in an emerging econom...
2011, Environmental Innovation and Societal Transitions
[Show more information](#)

[View more articles »](#)

Cited by (0)

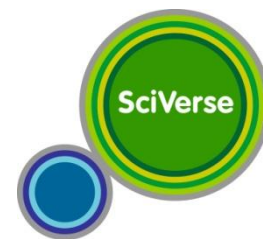
This article has not been cited.

Applications and tools

Workspace



Персональная регистрация



Your details[Privacy policy](#)

First name: *

Family name: *

E-mail and password

Enter a password between 5 and 20 characters. Your e-mail address will be your username.

E-mail address: *

Password: *

Confirm password: *

Your organization, role and field of interest

Organization name: *

Organization type: *

Your role: *

Please select at least one subject area of interest: *

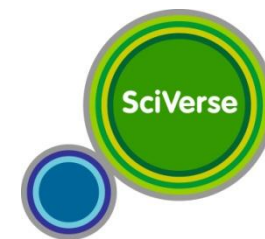
☐	Neuroscience
☐	Nursing and Health Professions
☐	Pharmacology, Toxicology and Pharmaceutical Science
☒	Physics and Astronomy
☐	Psychology
☐	Social Sciences

[Show alert & other settings.](#)

☐ I wish to receive information from Elsevier B.V. and its affiliates concerning their products and services.

☒ I have read and understood the [Registered User Agreement](#).

Страница оповещений



Home + Recent Actions | Publications | Search | My settings | **My alerts** | Help

Articles ☒ All fields Author
Images ☐ Journal/Book title Volume Issue Page

[Advanced search](#)

[? Search tips](#)

find

customer story



[Add to my Quick Links](#)

Search alerts

[Add search alert](#)

Alert name	Alert view	Alert frequency	Alert actions	Search feed
bank branch	Latest results Archive	Inactive *	Modify Delete	
nanotube length	Latest results Archive	Inactive *	Modify Delete	

* Search Alerts will be set to inactive if they are not used for an extended period of time. Click on Modify link to activate an Inactive Search Alert.

If you are unsure of how to create a Search Alert, please try one of our pre-made Topic Alerts.

Topic alerts

[Add/Delete topic alerts](#)

These alerts are sent to g.yakshonak@elsevier.com. Modify the e-mail address and e-mail format setting in your [profile](#).

Alert name	Alert view	Alert frequency	Alert actions	Topic feed
Biomaterials	Latest results Archive/Details	Weekly	Delete	
Ceramics	Latest results Archive/Details	Weekly	Delete	

Journal and book-series alerts

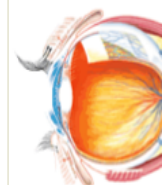
[Add/Delete journal and book-series alerts](#)

These alerts are sent to g.yakshonak@elsevier.com. Modify the e-mail address and e-mail format setting in your [profile](#).

Alert name	Publication type	Alert view	Alert frequency	Alert actions	Article feed
Tetrahedron	Journal	Articles in Press Latest Volume/Issue	As Published	Delete	

ELSEVIER

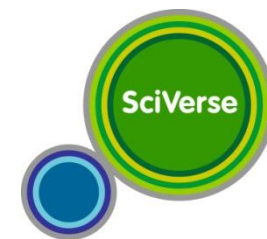
Use
Illustration
Services
and your
paper will
get the
attention
it deserves



AFTER

WebShop
webshop.elsevier.com

Страница приложений SciVerse Applications



BETA We are making some changes soon! Find out more on our [blog...](#)
SciVerse applications improve search and discovery on SciVerse ScienceDirect, Scopus or Hub. Find an application below and get started. [Learn more.](#)
Developers can create applications for over 15 million SciVerse users worldwide. To learn more, please visit [Elsevier Developers](#).

SciVerse Applications

Filter by Product

[All \(113\)](#)
[Hub \(61\)](#)
[ScienceDirect \(76\)](#)
[Scopus \(36\)](#)

Filter by Price

[All \(61\)](#)
[Free \(60\)](#)
[Paid \(1\)](#)

[View Labs Applications](#)

Featured Applications


Altmetric


Author Wordle


SciVal Funding

1 - 20 of 61 Applications 1 2 3 4 Next >



[HL - NIH Grants](#)
DataStream Content Solutions
Hub, ScienceDirect, Scopus
The "HealthLibrarian - NIH Grants" Application provides a user friendly means of searching, sorting, and finding trends within the NIH (National Institute of Health) database of federally-funded biomedical research projects.

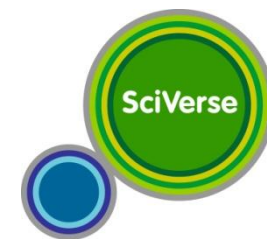
[Be the first to review this application!](#)

Free



[Expert Search](#)
Arnetminer

Галерея приложений



Hub | ScienceDirect | Scopus | Applications

Galina Yakshonak | Logout | Go to SciVal Su

Application gallery | My applications | My settings | Developers | Shopping cart

...more

SciVerse Applications

Search Applications
by Application Title or Developer

Go

Filter by Product

[All](#)

[Hub](#)

[ScienceDirect](#)

[Scopus](#)

Filter by Price

[All](#)

[Free](#)

[Paid](#)

[View Labs Applications](#)

Featured Applications


EMTREE


PubMed Related Articles


Faculty of 1000

21 - 40 of 101 Applications

< Prev 1 2 3 4 5 Next >



[Order Antibodies](#)
Transinsight
ScienceDirect
Provides links to all related antibodies after accessing the viewed full text article through ScienceDirect.

[Be the first to review this application!](#)

Free



[RefWizard](#)
Ahmet Oguz Akyuz, Gokdeniz ...
ScienceDirect
RefWizard, developed for CodeForScience Turkey, is a visual reference explorer tool. It presents the references of a selected article on an interactive, dynamic graph. Users can interact with RefWizard in several ways to glean useful information about the references of an article.

★★★★☆ (4 reviews)

Free

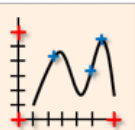


Image Data Extractor

★★★★☆ (4.4 based on 5 user reviews)

ScienceDirect

Free

Add application

Provided By



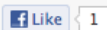
ELSEVIER

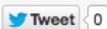
Elsevier

Contact developer

Visit discussion forum

Share this application with friends


1

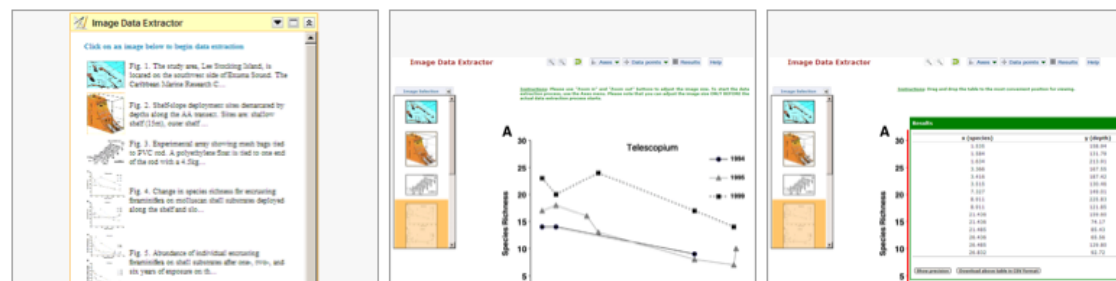

0

Overview

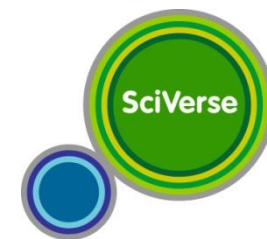
The Image Data Extractor application offers users of SciVerse ScienceDirect an interactive tool to extract the data presented in plots. By indicating the location of axes and data points, users build a data table that can be shown in the web browser or exported in standard CSV format for use in Excel or other software tools. This application is part of our ongoing effort to improve the online HTML article on SciVerse ScienceDirect, providing authors an optimal platform to expose their research, and helping researchers to build deep insights fast.

To begin the process of extracting data, simply click on one of the thumbnails displayed in the Image Data Extractor browser in the right-hand panel. This opens up the Image Data Extractor in a separate window or tab with the selected image. To capture the data points in the selected plot and generate a data table, the application allows you to set the zoom level, add axes, set the range of the axes and add the data points, all on screen. Clicking on the "Results" button opens up the data table. Here you can also export the table in CSV format. Note that you must have captured data points before you can view the data table. More options are available under the "Axes" and "Data points" drop-down menus, including the possibility to delete points or change the point style. Step-by-step instructions are also displayed during the various steps in the data extraction process.

Once you've added the app you can see it in action at <http://www.sciencedirect.com/science/article/pii/S0031018211002306>



<http://www.hub.sciverse.com> - бесплатно



Hub | ScienceDirect | Scopus | Applications

Galina Yakshonak | Logout | Go to SciVal Suite

Dashboard | My settings | My library | Applications | Feedback | Learning center

Help

Refine

Q

Tips

General

Author

Date

Content

Subject

Title

Conferences

Must have

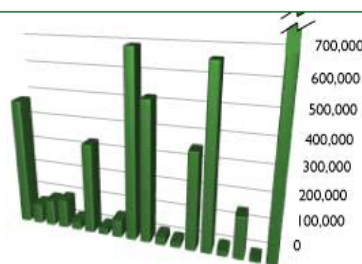
Enter a word or phrase

Must not have

Add to Search

Getting Started with Hub

- 1 Enter a few terms, sentences, or a search box above. Click on "Refine". Example: **gene therapy** subtype (f
- 2 Browse, refine, and save results from millions of journals, patents, and scientific web content.
- 3 Watch one of our **Online Tutorials** for a few more tips.



the social media buzz that articles

Share: Share articles to Facebook, Twitter or CiteULike

Keyword Optimizer: Find the right keywords for your Hub search

Register or Login to use these apps in SciVerse

Search Translator

Please select a non-English language to translate:

Afrikaans

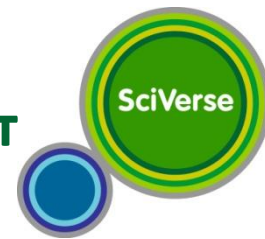
Keyword Optimizer

Optimize your paper's keywords and increase its visibility. Enter a set of keywords to get a score and recommended additions:

ELSEVIER

Результаты поиска:

доступность источника (статьи, книги и т.п.) зависит от наличия прав доступа/подписки



Dashboard | My settings | My library | Applications | Feedback | Learning center

атомные реакторы

641 results. Search For: **атомные реакторы** | Save my search

Result list options:
Sort results by: Relevance
Choose summary view: Full
Items per page: 25 50 100 200

Search within your results:

Refine your results:
Limit to Exclude Clear all

Document Type
Subject Area
Content Sources
☐ Web (641)
Year
Authors
Keywords
☐ spectrometers
☐ atomic layer
☐ atomic layer deposition
☐ nanotechnology
☐ uranium
View more
Limit to Exclude Clear all

нрос(сср)-i69/G ГОСУДАРСТВЕННЫЙ КОМИТЕТ I I I Л по ИСПОЛЬЗОВАНИЮ ИИИ...
<http://www.nds.iaea.org/publications/indc/indc-ccp-01...>, August 2011
ЧАСТЬ I Москва - ЦНИИатомннформ - 1960 УДК 539.125.5 НЕЙТРОННАЯ ФИЗИКА.
Save this to My library | Similar
Like Tweet

Microsoft Word - 33602.doc
<http://www.mgimo.ru/files/33602/33602.pdf>, May 2009
Пашковская И.Г. Проблемы энергетического обеспечения Европейского Союза / И.Г. Пашковская // Мировая экономика и международные отношения. – 2008. – №10. – С. ...
Save this to My library | Similar
Like Tweet

Book-yad-or.indb
http://www.armscontrol.ru/course/res/10029yademoe_or..., October 2008
УДК 327 ББК 68.8 ЯЗ4 © Carnegie Endowment for International Peace, 2006 © «Российская политическая энцикло- педия», 2006 ISBN 5-8243-0777-6 Ядерное оружие после «холодной войны» / Под ред. ...
Save this to My library | Similar
Like Tweet

Ядерные реакторы могут быть безопасными и безотходными
<http://www.ras.ru/digest/showdnews.aspx?id=ea76cd4c-6...>, March 2012
Человечество может полностью избавиться от атомной энергетики без особых потерь, и оградить себя от будущих аварий, подобных Чернобылю или ...
Save this to My library | Similar
Like Tweet

Font: A | A

Share
Like Tweet

Search Term Timeline
Search Translator
ODISSea
Prolific Authors
Matching Sentences
Journal Trends
HealthMash
- Show fewer applications
Add apps | Manage Apps | Help

http://www.info.sciverse.com



Open to accelerate science

Product Sites: [ScienceDirect](#) | [Scopus](#) | [Hub](#)

RSS Feeds 

[HOME](#)

[PRODUCTS](#)

[CUSTOMER SUPPORT](#)

[RESOURCES](#)

[NEWS](#)

[COMMUNITY](#)

[CONTACT US](#)

What is SciVerse?

[ScienceDirect](#)

[Scopus](#)

[Hub](#)

Raise
For

Accelerate Your Discovery
For Researchers

Drive Innovation
For Industry

- Access full text articles, abstracts, citations and web content
- Single-search across ScienceDirect, Scopus, SciTopics and targeted Web content
- Find applications built for your workflows and interests

[Find out more](#)



Transforming research. Accelerating science.

A seemingly endless number of data sources make it increasingly difficult to find and utilize the specific, quality information that leads to scientific breakthroughs.

Search ScienceDirect now

Find articles from our catalog of more than 2,500 journals and 11,000 books on [ScienceDirect](#).

Begin your search with a key word or phrase e.g. "liquid chromatography."

[Search ScienceDirect](#)



Крупнейшая в мире реферативная и аналитическая база научных публикаций и цитирования

19,500 академических журналов от **5,000** различных издательств включая >300 российских изданий

47 миллиона рефератов

- 26 миллионов записей с цитируемыми ссылками, начиная с 1996 года

- 21 миллионов записей до 1996 года (начиная с 1823 года)

4,9 млн. материалов научных конференций

340 продолжающихся изданий

24 миллиона патентных записей

Результаты из 359 миллионов научных web-страниц через *Scirus.com*

Передовой поисковый механизм позволяющий мгновенно получить и проанализировать результаты научной работы

Scopus - самый полный источник информации



> 5,000 издательств

4,000

6,350

6,600

6,150

19,500

Life Sciences

Health Sciences

Physical
Sciences

Social Sciences
Humanities
Economics



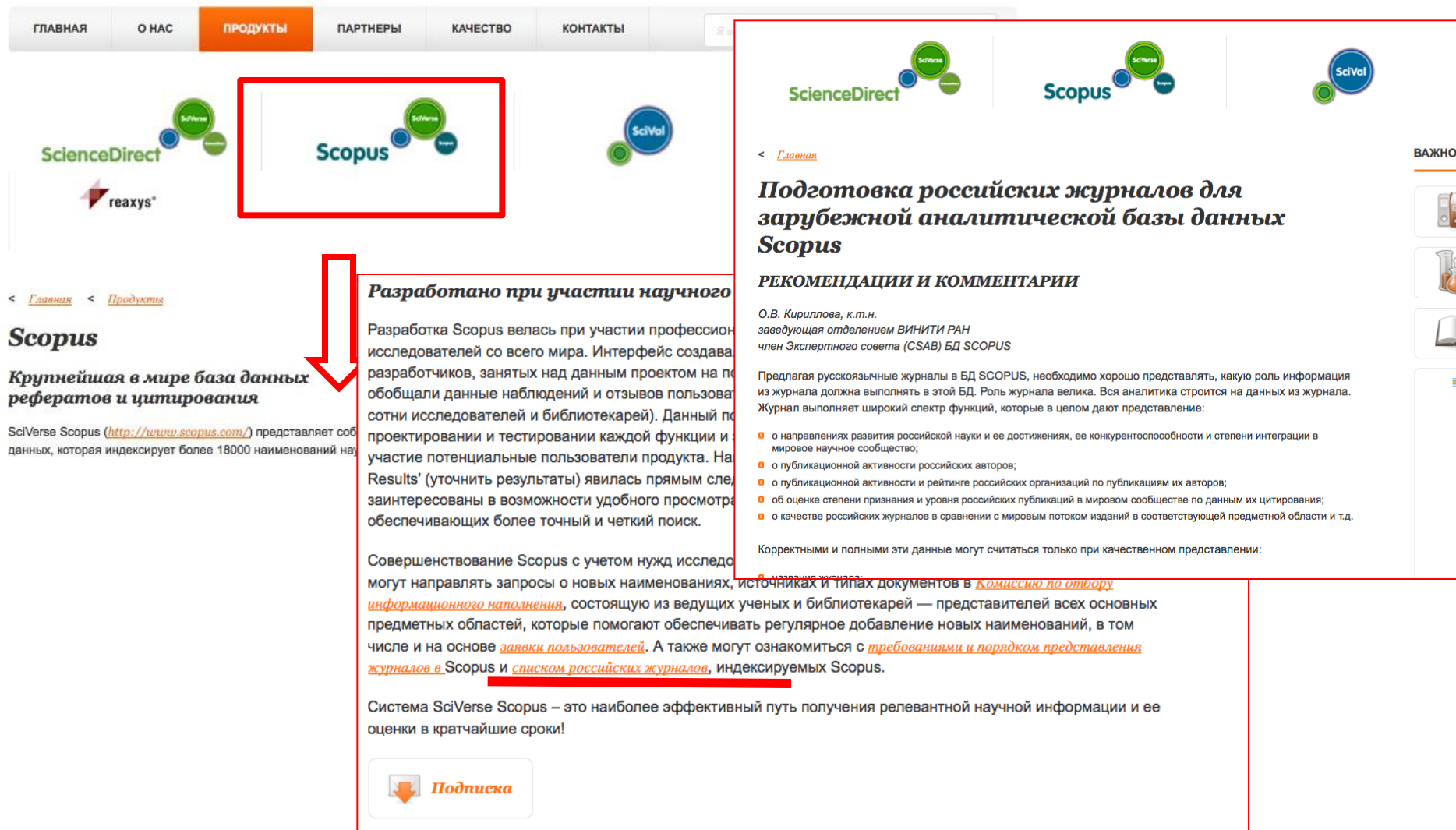
ELSEVIER

ELSEVIER

+ 7 (495) 644-09-11, 644-09-12

Россия, 115035, Москва, ул. Садовническая д. 82,
стр. 2, подъезд 6, офис 2037-2038

Связаться...



Список российских журналов в Скопус

A	B	C	D	E	F	G	H	I	J	K	L
1	2	3	4	5	6	7	8	9	10	11	
1	Acarina	Acarina	0132-8077		2009-ongoing	KMK Scientific	Россия	Life Scien	Agricultural and Biolo	англ-рус	
2	Arctoa: a Journal of Bryology	Arctoa: a Journal of Bryology****	0131-1379		2011-ongoing	KMK Scientific	Россия	Life Scien	Agricultural and Biolo	англ-рус	
3	Arthropoda Selecta	Arthropoda Selecta	0136-006X		2011-ongoing	KMK Scientific	Россия	Life Scien	Agricultural and Biolo	англ-рус	
4	Biochemistry, Supplemental Series A	Biochemistry, Supplemental Series A	19907478		2008-ongoing	Maik Nauka/Inte	Россия	Life Scien	Biochemist	Cell Biolog	англ ориг
5	Biochemistry, Supplemental Series B	Biochemistry, Supplemental Series B	19907508	1990751	2008-ongoing	Maik Nauka/Inte	Россия	Life Scien	Biochemist	Molecular	англ ориг
6	Cell and Tissue Biology	Cell and Tissue Biology	1990519X	1990520	2007-ongoing	Maik Nauka/Inte	Россия	Life Scien	Biochemist	Cell Biolog	англ ориг
7	Comparative Cytogenetics	Comparative Cytogenetics	1993-0771	1993078	2010-ongoing	Pensoft Publish	Болгари	Life Scien	Agricultural and Biolo	англ ориг	
8	Computational Mathematics and Modeling	Computational Mathematics and Modeling	1046283X		2005-ongoing, 19	Consultants Bu	США	Physical S	Mathematic	Computat	англ ориг
9	International Journal of Acoustics and Vibrations	International Journal of Acoustics and Vibration	10275851		2004-ongoing	Nauchno-tekhn	Россия	Physical S	Engineering	Mechanic	англ ориг
10	International Journal of Self-Propagating High-Temperature	International Journal of Self-Propagating High-Temperature	1061-3862	1934-788	2011-ongoing	Allerton Press,	США, Ро	Physical S	Chemistry		англ ориг
11	Journal of Engineering Thermophysics	Journal of Engineering Thermophysics	18102328	1990543	2007-ongoing	Maik Nauka/Inte	Россия	Physical S	Environme	Environm	англ ориг
12	Laser Physics	Laser Physics	1054660X		1996-ongoing	Maik Nauka/Inte	Россия	Physical S	Physics an	Physics a	англ ориг
13	Lobachevskii Journal of Mathematics	Lobachevskii Journal of Mathematics		1818-996	1999-ongoing	Kazanskii Gosu	Россия	Physical S	Mathematics		англ ориг
14	Mathematical Methods of Statistics	Mathematical Methods of Statistics	1066-5307	1934-804	2007-ongoing	Allerton Press	США, Ро	Physical S	Mathematics		англ ориг
15	Mendelev Communications	Mendelev Communications	09599436	1364551	1996-ongoing	Russian Acade	Россия	Physical S	Chemistry		англ ориг
16	Moscow Mathematical Journal	Moscow Mathematical Journal	1609-3321	1609-451	2010-ongoing	Independent Un	Россия	Physical S	Mathematics		англ ориг
17	Optical Memory and Neural Networks (Informatics)	Optical Memory and Neural Networks (Informatics)	1060-992X	1934-788	2009-ongoing	Allerton Press,	США	Physical S	Computer & Engineeri		англ ориг
18	Pattern Recognition and Image Analysis	Pattern Recognition and Image Analysis	1054-6618		2006-ongoing	Maik Nauka/Inte	Россия	Physical S	Computer & Computer		англ ориг
19	Physics of Wave Phenomena	Physics of Wave Phenomena	1541308X	1934807	2009-ongoing	Allerton Press,	США	Physical S	Physical Sciences		англ ориг
20	Regular and Chaotic Dynamics	Regular and Chaotic Dynamics	15603547	1468484	2005-ongoing	Turpin - Mosco	Великоб	Physical S	Mathematics		англ ориг
21	Reviews on Advanced Materials Science	Reviews on Advanced Materials Science	16058127		2003-ongoing	Russian Acade	Россия	Physical S	Materials S	Materials	англ ориг
22	Russian Journal of Mathematical Physics	Russian Journal of Mathematical Physics	10619208		1999-ongoing, 19	Maik Nauka/Inte	Россия	Physical S	Physics an	Statistica	англ ориг
23	Russian Journal of Nematology	Russian Journal of Nematology	08696918		1996-ongoing	Rossiiskaya Ak	Россия	Life Scien	Agricultural	Animal Sc	англ ориг
24	Russian Journal of Numerical Analysis and Mathematical Modeling	Russian Journal of Numerical Analysis and Mathematical Modeling	09276467		1996-ongoing, 19	V S P	Нидерл	Physical S	Engineering	Mathemat	англ ориг
25	Russian Journal of Theriology	Russian Journal of Theriology	1682-3559		2011-ongoing	KMK Scientific	Россия	Life Scien	Agricultural and Biolo		англ ориг
26	Russian Studies in Literature*	Russian Studies in Literature	10611975	1944716	2004-ongoing, 20	M.E. Sharpe Inc	США	Social Sci	Arts and Humanities		пер
27	Russian Studies in Philosophy**	Russian Studies in Philosophy	10611967	1558043	2004-ongoing	M.E. Sharpe Inc	США	Social Sci	Arts and Humanities		пер
28	Schole	Schole	1995-4328	1995-433	2011-ongoing	Novosibirsk State Univer		Social Sci	Arts and Humanities		англ ориг
29	Social Sciences	Social Sciences	1345486		2009-ongoing	East View Infor	США	Social Sci	Social Sciences		англ ориг
30	Авиакосмическая и экологическая медицина	Aviakosmicheskaya i ekologicheskaya meditsina	0233528X		1992-ongoing	Redaktsiya Zhu	Россия	Health Sci	Medicine		рус ориг
31	Автоматика и телемеханика	Automation and Remote Control	00051179	1608303	1996-ongoing, 19	Maik Nauka/Inte	Россия	Physical S	Engineering	Instrumen	пер
32	Автоматика	Optoelectronics, Instrumentation and Data Processing	8756-6990	1934-794	1984-1990, 2011-	Maik Nauka/Inte	Россия	Physical S	Engineering		пер
33	Акустический журнал	Acoustical Physics	10637710	1562686	1996-ongoing	Maik Nauka/Inte	Россия	Physical S	Physics an	Acoustics	пер



Одним поисковым
запросом выдает
информацию по
публикациям, патентам и
веб-упоминаниям

Document search

Author search

Affiliation search

Advanced search

? Search tips

Search for:

oncolog* or cancer marker*

E.g., "heart attack" AND stress

in

Article Title, Abstract, Keywords

All Fields

Article Title, Abstract, Keywords

Authors

First Author

Source Title

Article Title

Abstract

Keywords

Affiliation

Language

ISSN

CODEN

DOI

References

Conference

Article Title, Abstract, Keywords, Authors

Affiliation Name

Affiliation City

Affiliation Country

Chemical Name

CAS Number

Limit to:

Date Range (inclusive)



Published

All years



to

Present



Added to Scopus in the last

7



days

Subject Areas 



Life Sciences (> 4,300 titles)



Physi



Health Sciences (> 6,800 titles. 100% Medline coverage)



Socia

Результаты поиска

SciVerse

Hub | ScienceDirect | Scopus | Scitopics | Applications

Galina TAKSONAK is logged in | Logout | Go to Scival Solo

Brought to you by
The Scopus Team

Search | Sources | Analytics | My alerts | My list | My settings

Live Chat | Help

Quick Search Search

Library catalogues

Scopus: 92 More... Web Patents Selected Sources

Your query: (AUTHOR-NAME(geim) AND

Author Name

Subject Area

Document Type

Source Title

Keyword

Affiliation

Search within results

Refine results

Limit to

Exclude

Year

- ☐ 2011 (12) >
- ☐ 2010 (13) >
- ☐ 2009 (12) >
- ☐ 2008 (14) >
- ☐ 2007 (12) >

View more | View fewer

Author Name

- ☐ Novoselov, K.S. (86) >
- ☐ Geim, A.K. (80) >
- ☐ Morozov, S.V. (26) >
- ☐ Dubonos, S.V. (20) >
- ☐ Blake, P. (19) >

View more | View fewer



- ☐ University of Manchester (90) >
- ☐ Radboud University Nijmegen (35) >
- ☐ Institute of Microelectronics Technology and High Purity Materials, Russian Academy of Sciences (30) >
- ☐ University of Cambridge (11) >
- ☐ CSIC - Instituto de Ciencia de Materiales de Madrid ICM (6) >

View more | View fewer

Country

- ☐ United Kingdom (91) >
- ☐ Russian Federation (37) >
- ☐ Netherlands (37) >
- ☐ United States (11) >
- ☐ Germany (7) >

View more | View fewer

Source Type

Language

Limit to

Exclude

Export refine

Save | Set alert | Set feed | View search history

Abstracts

Print | Email | Create bibliography | Add to My List | View citation overview | View citations | View references

Go to page: 1 of 5 Go

Sort by Citations

	Author(s)	Date	Source title	Citation
films	Novoselov, K.S., Geim, A.K., Morozov, S.V., Jiang, D., Zhang, Y., Dubonos, S.V., Grigorieva, I.V., Firsov, A.A.	2004	Science 306 (5696), pp. 666-669	5487
	Geim, A.K., Novoselov, K.S.	2007	Nature Materials 6 (3), pp. 183-191	3904
c fermions in graphene	Novoselov, K.S., Geim, A.K., Morozov, S.V., Jiang, D., Katsnelson, M.I., Grigorieva, I.V., Dubonos, S.V., Firsov, A.A.	2005	Nature 438 (7065), pp. 197-200	3546
	Castro Neto, A.H., Guinea, F., Peres, N.M.R., Novoselov, K.S., Geim, A.K.	2009	Reviews of Modern Physics 81 (1), pp. 109-162	1942
	Novoselov, K.S., Jiang, D., Schedin, F., Booth, T.J., Khotkevich, V.V., Morozov, S.V., Geim, A.K.	2005	Proceedings of the National Academy of Sciences of the United States of America 102 (30), pp. 10451-10453	1091



Hub | ScienceDirect | Scopus | Applications

Register | Login | Go to S

Brought to you by
Scopus Team

Search | Sources | Analytics | Alerts | My list | Settings

Live Chat | Help | Tutorials

Quick Search

Library cat

Your query: AFFII (novosibirsk)

Analyze results Edit | Save | Set alert | Set feed | View search history

[View secondary documents](#) | [Go to results: 7 Web](#) | [1030 Patent](#) | [Search your library](#)

Search within results

Refine results

Year

☐ 2013 (349) >
☐ 2012 (3,225) >
☐ 2011 (3,368) >
☐ 2010 (3,303) >
☐ 2009 (3,148) >

[View more](#)

Author Name

☐ Lankford, A.J. (686) >

Document results: 58,342 | [Show all abstracts](#)

Go to page: of 2918

☐ All
☐ Page

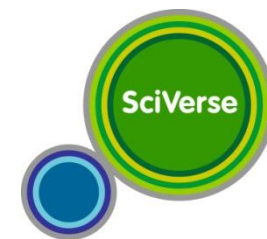
With selected:

Download | Export | Print | Email | Create bibliography | Add to My List | View citation overview | View Cited by | View references

Sort by

	Document title	Author(s)	Date	Source title
☐ 1	GEANT4 - A simulation toolkit	Agostinelli, S., Allison, J., Amako, K., Apostolakis, J., Araujo, H., Arce, P., Asai, M., (...), Zschiesche, D.	2003	<i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> 506 (3), pp. 250-303
View at publisher Full Text Show abstract Related documents				
☐ 2	Review of Particle Physics	Amsler, C., Doser, M., Antonelli, M., Asner, D.M., Babu, K.S., Baer, H., Band, H.R., (...), Schaffner, P.	2008	<i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> 667 (1-5), pp. 1-6
View at publisher Full Text Show abstract				
☐ 3	Review of Particle Physics: Particle data group	Hagiwara, K., Hikasa, K., Nakamura, K., Tanabashi, M., Aguilar-Benitez, M., Amsler, C., Barnett, R.M., (...), Zenin, O.V.	2002	<i>Physical Review D - Particles, Fields, Gravitation and Cosmology</i> 66 (11), art. no. 010001, pp. 100011-10001958

Визуализация данных: публикационная активность, авторы и т.д.



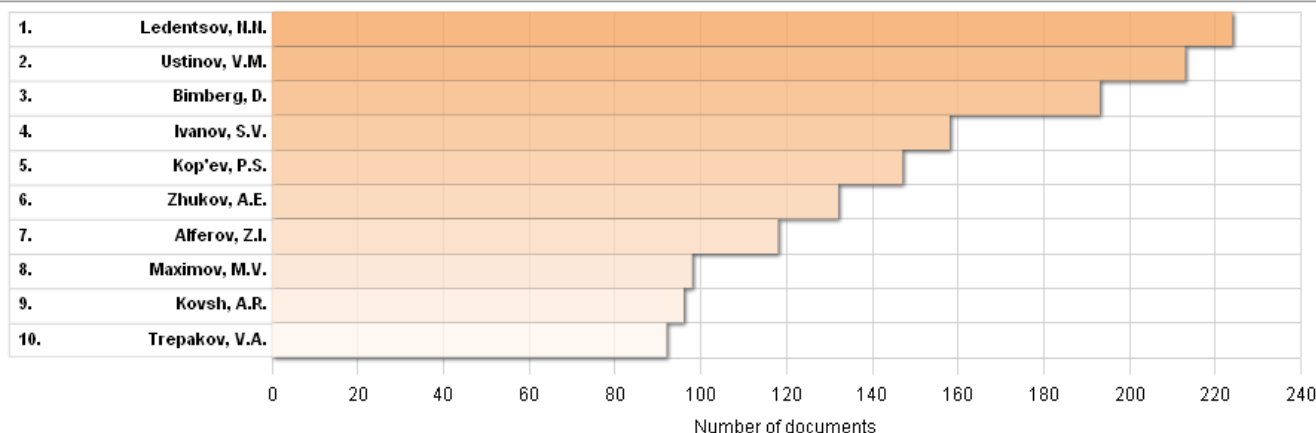
Analyze results | [Back to results](#)

Date range to   Document results 7,623

[Year](#) | [Source title](#) | [Author name](#) | [Affiliation name](#) | [Country](#) | [Document type](#) | [Subject area](#)

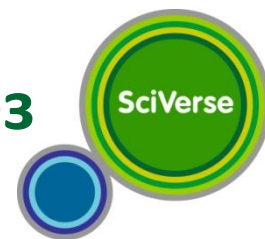
[Export](#) | [Print](#) | [Email](#)

Author Name This chart shows the total number of documents for this query by Author.



	Author	Documents
☒	Ledentsov, N.N.	224
☒	Ustinov, V.M.	213
☒	Bimberg, D.	193
☒	Ivanov, S.V.	158
☒	Kop'ev, P.S.	147
☒	Zhukov, A.E.	132
☒	Alferov, Z.I.	118
☒	Maximov, M.V.	98
☒	Kovsh, A.R.	96
☒	Trepakov, V.A.	92
☐	Amusia, M.Y.	87
☐	Bryksin, V.V.	85

Корректировка авторского профиля: или через <http://www.scopusfeedback.com/> или через



Hub | ScienceDirect | **Scopus** | SciTopics | Applications

Search | Sources | Analytics | My alerts | My list | My settings

Quick Search

Search

[Back to results](#) | 1 of 32 [Next >](#)

Print | E-mail | [Request author detail corrections](#)

Archakov, Alexander I V L

[Find potential author matches](#)

Personal

Name	Archakov, Alexander I V L	
Other formats	Archakov, A. Archakov, Alexander Archakov and Kretovich, A. I. V. L. Archakov, A. J. Archakov, Alexander I.	Archakov, Alexander I. Archakov, A. I. Archakov et al. A.I., A. I. Archakov, Alexander Ivanovich
Author ID	36049531500	
Affiliation	Institute of Biomedical Chemistry, Russian Academy of Medical Sciences, Moscow Russian Federation	

Research

Documents	446	 Author Evaluator	 Add to my list	 Set alert	 Set feed
References	5149				
Citations	1741	 View citation overview	 Set alert		
<i>h</i> Index	23	 View <i>h</i> -Graph	The <i>h</i> Index considers Scopus articles published after 1995.		



Оформление запроса на корректировку



1 | Start

2 | Select preferred name

3 | Review documents

4 | Review profile

5 | Submit changes

Request author detail corrections

You have requested to correct details for the following author:

Archakov, Alexander I V L

Author ID 36049531500
Documents 446
Affiliation Institute of Biomedical Chemistry, Russian Academy of Medical Sciences

Include the following potential author matches in the request:

All ☐

1	☐ Archakov, A. J.	7101868170	Russian Academy of Medical Sciences	1
	Show recent documents			
2	☐ Archakov, A. L.	8926361400	Institute of Biomedical Chemistry, Russian Academy of Medical Sciences	8
	Show recent documents			
3	☐ Archakov, A. V.	7101868169	Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences	9
	Show recent documents			
4	☐ Archakov, Alexander I.		Institute of Biomedical Chemistry, Russian Academy of Medical Sciences	

Проект ORCID <http://about.orcid.org/>

ORCID

Connecting Research
and Researchers

FOR RESEARCHERS

FOR ORGANIZATIONS

ABOUT

HELP

SIGN IN

DISTINGUISH YOURSELF IN THREE EASY STEPS

ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized. [Find out more.](#)

1

REGISTER

Get your unique ORCID identifier [Register now!](#)
Registration takes 30 seconds.

2

ADD YOUR INFO

Enhance your ORCID record with your professional information and link to your other identifiers (such as Scopus or ResearcherID or LinkedIn).

3

USE YOUR ORCID ID

Include your ORCID identifier on your Webpage, when you submit publications, apply for grants, and in any research

LATEST NEWS

Tue 02/19/2013
ORCID Outreach
Meeting: Register
Now and Hold the
Date!

Fri 01/18/2013
ORCID Tech Update:
Default privacy
settings

[Elsevier presentations and materials](#)

Сравнительный анализ журналов



Scopus

Search | Sources | **Analytics** | My alerts | My list | My settings

Quick Search

Journal Analyzer

Search

Mathematics

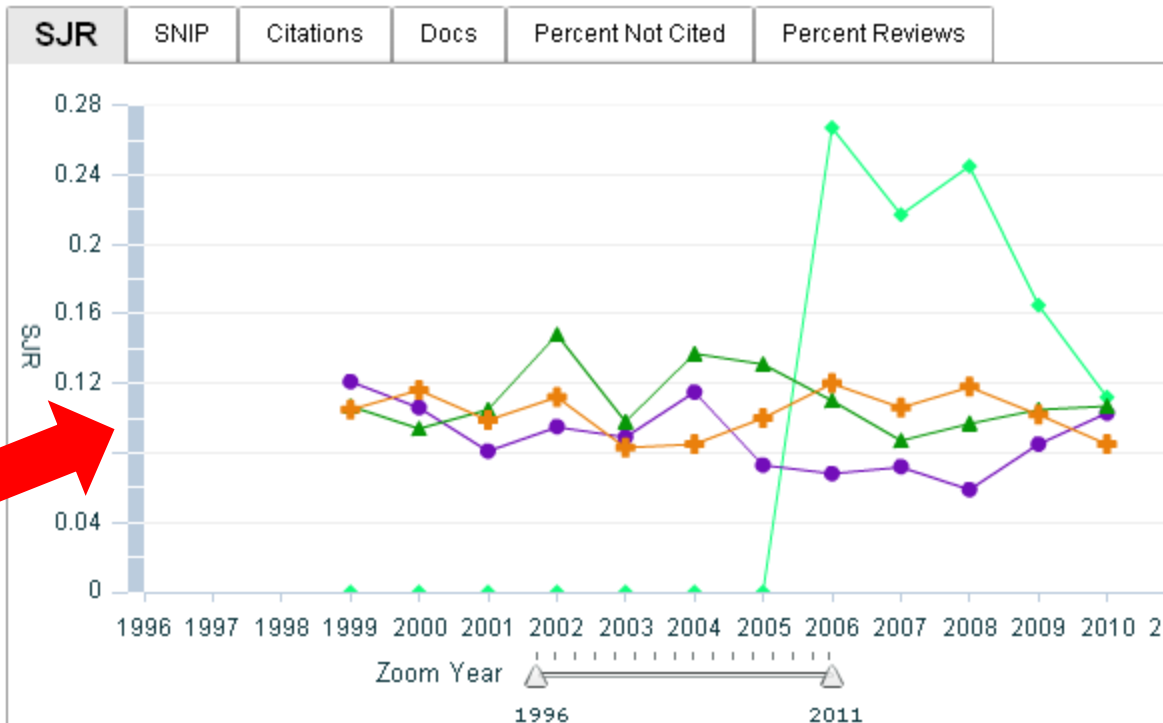
Show ☐ SJR ☒ SNIP ☐ ISSN

Results: 390 Sources Found (Double-click or drag to add)

Journal Title	SNIP
Foundations and Trends in Communications and Inform:	9.489
Acta Mathematica	5.432
Journal of the American Mathematical Society	4.966
Annals of Mathematics	4.816
Information Sciences	4.455
Inventiones Mathematicae	3.960
ACM Transactions on Mathematical Software	3.777
Mathematical Programming	3.205
Bulletin of the American Mathematical Society	3.205
Mathematical Finance	3.011

Show journals in: Line Chart | [Table](#)

? [About calculation](#)



Note: Scopus does not have complete citation information for articles published before 1996.

Пример



Search | Sources | **Analytics** | My alerts | My list

Quick Search

Journal Analyzer

Search

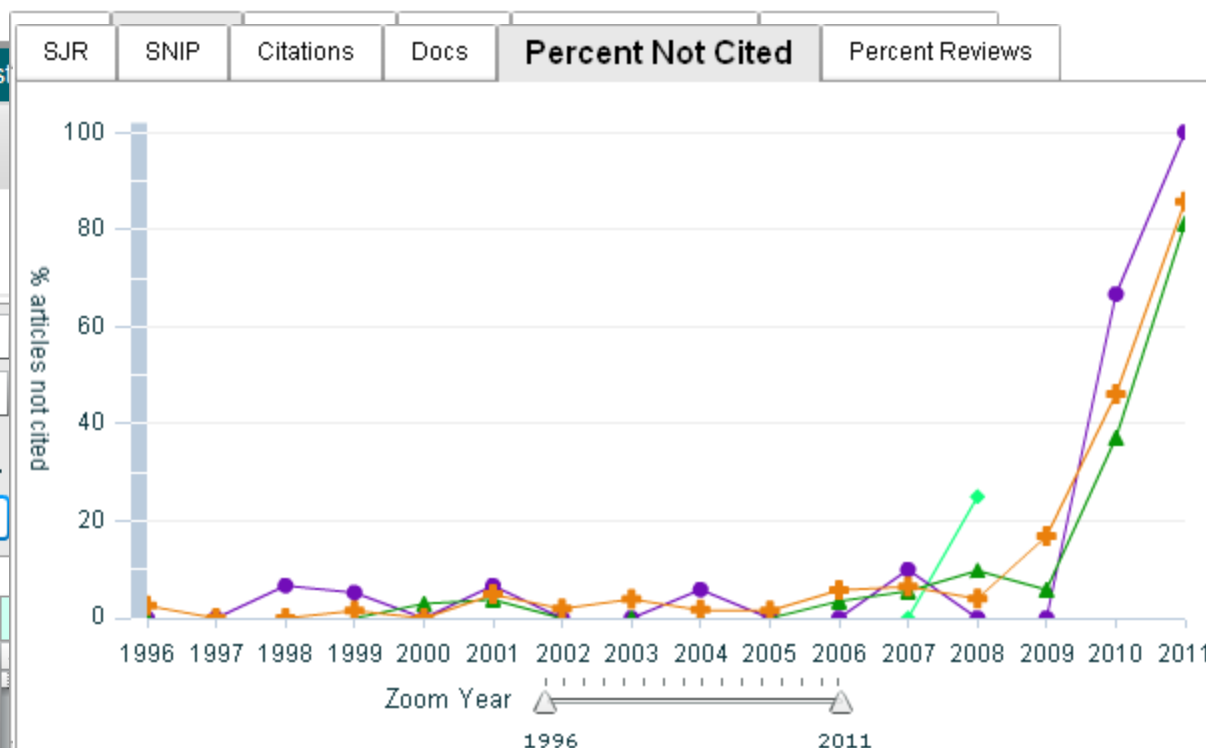
Show ☐ SJR ☒ SNIP ☐ ISSN

Results: 390 Sources Found (Double-click or drag to add)

Journal Title	SNIP
Foundations and Trends in Communications and Inform	9.489
Acta Mathematica	5.432
Journal of the American Mathematical Society	4.966
Annals of Mathematics	4.816
Information Sciences	4.455
Inventiones Mathematicae	3.960
ACM Transactions on Mathematical Software	3.777
Mathematical Programming	3.205
Bulletin of the American Mathematical Society	3.205
Mathematical Finance	3.011

Calculations Last Updated: 30 May 2011

ELSEVIER



Note: Scopus does not have complete citation information for articles published before 1996.

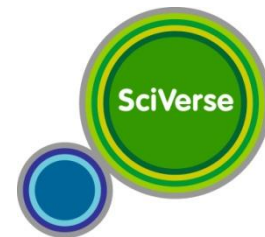
Calculations Last Updated: 17 Jun 2011

Journals in Chart

[Exclude journal self-citations](#)

	Foundations and Trends in Communications and Information Theory	Show Info	<input checked="" type="button" value="X"/>
	Acta Mathematica	Show Info	<input checked="" type="button" value="X"/>
	Journal of the American Mathematical Society	Show Info	<input checked="" type="button" value="X"/>
	Annals of Mathematics	Show Info	<input checked="" type="button" value="X"/>

Поиск организаций



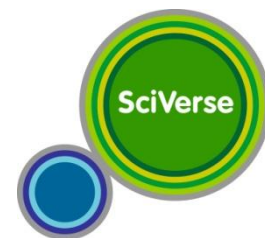
Document search   Author search   **Affiliation search**   Advanced search

Affiliation ⓘ : [? Search tips](#)

E.g., university of toronto

Would you like to search for documents by affiliation? ⓘ

Выбор статей для обзора цитируемости



[Search](#) | [Sources](#) | [Analytics](#) | [Alerts](#) | [My list](#) | [Settings](#)

[Live Chat](#) | [Help](#) | [Tutorials](#)

Quick Search

[Library catalog](#)

Your query: AFFIL(novosibirsk) AND (LIMIT-TO(PUBYEAR, 2012) OR LIMIT-TO(PUBYEAR, 2011) OR LIMIT-TO(PUBYEAR, 2010) OR LIMIT-TO(PUBYEAR, 2009) OR LIMIT-TO(PUBYEAR, 2008))

[Analyze results](#) | [Edit](#) | [Save](#) | [Set alert](#) | [Set feed](#) | [View search history](#)

[View secondary documents](#) | 290 Patent

Search within results

Search

Refine results

Limit to

Exclude

Year

☐ 2012 (3,225) >

☐ 2011 (3,368) >

☐ 2010 (3,303) >

☐ 2009 (3,148) >

☐ 2008 (3,137) >

View fewer

Author Name

☐ Lankford, A.J. (363) >

☐ Kowalewski, R. (363) >

☐ Robertson, S.H. (363) >

☐ Adye, T. (363) >

☐ Stugu, B. (363) >

Document results: 16,181 | [Show all abstracts](#)

Go to page: of 810 | [Next](#)

With selected:

☒ All

☒ Page

Download

Export

Print

Email

Create bibliography

Add to My List

View citation overview

View cited by

View references

Sort by

Cited by

Document title

Author(s)

Date

Source title

Cite

☒ 1

Review of Particle Physics

Amsler, C., Doser, M., Antonelli, M., Asner, D.M., Babu, K.S., Baer, H., Band, H.R., (...), Schaffner, P.

2008

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics 667 (1-5), pp. 1-6

31

View at publisher

Full Text

Show abstract

☒ 2

Treatment of hypertension in patients 80 years of age or older

Beckett, N.S., Peters, R., Fletcher, A.E., Staessen, J.A., Liu, L., Dumitrascu, D., Stoyanovsky, V., (...), Bulpitt, C.J.

2008

New England Journal of Medicine 358 (18), pp. 1887-1898

8

View at publisher

Full Text

Show abstract

Related documents

☒ 3

The ATLAS experiment at the CERN large hadron collider

Aad, G., Abat, E., Abdallah, J., Abdelalim, A.A., Abdesselam, A., Abidinov, O., Abi, B.A., (...), Zychacek, V.

2008

Journal of Instrumentation 3 (8), art. no. S08003

5

View at publisher

Full Text

Related documents

☒ 4

Assembly, configuration, and break-up history of Rodinia: A synthesis

Li, Z.X., Bogdanova, S.V., Collins, A.S., Davidson, A., De Waele, B., Ernst, R.E., Fitzsimons, I.C.W., (...), Vernikovsky, V.

2008

Precambrian Research 160 (1-2), pp. 179-210

4

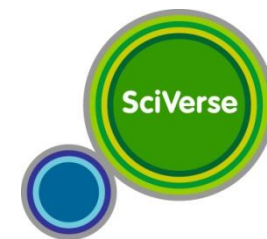
View at publisher

Full Text

Show abstract

Related documents

Обзор цитируемости работ



Citation overview

Citations received since 1996

This is a citation overview for a set of 1676 documents.

Overview options Hide

Exclude from citation overview: ☐ Self citations of all authors

Sort documents: Citations descending
Year descending
Year ascending
Citations descending
Citations ascending

Date range: 2007 to 2012

Update overview

1676 Cited Documents		Citations								
		Total	<2007	2007	2008	2009	2010	2011	2012	Subtotal
			0	156	799	1833	2604	2931	412	8735
1	☐ 2009 An anomalous positron abundance ...					192	241	178	29	640
2	☐ 2007 Operation of a free-electron las...			10	44	54	98	92	19	317
3	☐ 2008 Critical phenomena in complex ne...				4	73	95	94	17	283
4	☐ 2009 New measurement of the antiproto...					124	96	55	1	276
5	☐ 2008 Broadband observations of the na...				3	63	54	56	8	184
6	☐ 2007 PAMELA - A payload for antimatte...			10	22	35	14	25	1	107
7	☐ 2008 Observations of extended radio e...				5	27	22	40	1	95
8	☐ 2007 Chapter 7: Diagnostics				23	19	21	18	6	87
9	☐ 2007 Photoelectric effect at ultrahiq...				13	19	28	24	2	86

h index = 33

Document h index

[View h-Graph](#)

Of the 1676 documents considered for the h index, 33 have been cited at least 33 times.

Scopus does not have complete citation information for articles published before 1996.
[About h-Graph](#)

Форма обратной связи

Contact us

Please send us your comments or suggestions concerning Scopus. Thank you.

(* = Required fields)

Name: *

E-mail address: *

Country: -- Select country -- *

Subject: -- Select one -- *

Comments: *

- Select one --
- Content
- Search/Browse
- Navigation
- Functionality
- User Interface
- Access/Login
- Purchase Options
- Customer Support
- Other

|

To request corrections to any inaccuracies in author details, please use the [Author Feedback Wizard](#).

Language Editing

[How does it work?](#)[Pricing](#)[Group deals](#)[Our editors](#)[Upload your manuscript](#)

SECURE PAYMENT



powered by VeriSign

[ABOUT SSL CERTIFICATES](#)

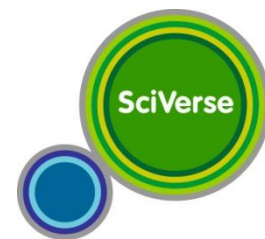
English Language Editing

Ensure your manuscript is written in the **correct scientific English before submission**. We will do the language editing and make sure that is free of grammatical, spelling, punctuation and other frequent errors. Upload online, 24/7.



- ✓ Editing to proper scientific American or British English, native speakers only
- ✓ PhD or PhD candidates selected according to your field of study
- ✓ All work completed within 6 business days
- ✓ Exclusive Guarantee*: free re-editing or money back
- ✓ Prices from € 150 per manuscript or [see our Group deals](#) for recurring customers

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



BIGGERBRAINS™

Career development resources for early-career researchers

[HOME](#) [CAREER JOURNEY](#) [GUIDES](#) [JOBS](#) [BLOGS](#) [GAME](#) [SUBSCRIBE](#)

THE IMPACT FACTOR AND OTHER BIBLIOMETRIC INDICATORS

Learn about bibliometric indicators: in addition to Impact Factor, metrics that are discussed are the Eigenfactor, SNIP, SJR, and the h-index.



Watch now



MORE ADVICE ON

-  Career Planning
-  Search & Discovery
-  Writing & Publishing
-  Networking
-  Funding

ABOUT BIGGERBRAINS

Biggerbrains provides career development resources for early-career researchers.

It facilitates career guidance and advice for young researchers who want to build their career more effectively.

FEATURED



Introduction to Scholarly Publishing Webcasts

Get found. Optimize your research articles for search

LATEST BLOG POST

Using social media tools for academic research

5 months 3 weeks ago

Read on for advice on using social media tools for research, from an interview with Prof. Adrian David Cheek, a Full Professor at

www.elsevierscience.ru



ELSEVIER



NON SOLUS

Elsevier B.V. входит в состав холдинга [Reed Elsevier](#) (FT 500) и является мировым лидером в издании научной, технической и медицинской информации и провайдером инновационных решений для науки и образования.

+ 7 (495) 644-09-11, 644-09-12
Россия, 115035, Москва, ул. Садовническая д. 82,
стр. 2, подъезд 6, офис 2037-2038
[Связаться...](#)

ГЛАВНАЯ

О НАС

ПРОДУКТЫ

ПАРТНЕРЫ

КАЧЕСТВО

КОНТАКТЫ

Я ищу...



СТАТЬИ РОССИЙСКИХ АВТОРОВ

[Bottom-up approach for the fabrication of spin torque nano-oscillators](#)

2011; Journal of Physics D: Applied Physics; Darques, M., Dussaux, A., Khvalkovskiy, A.V., De La Torre Medina, J., Abreu Araujo, F., ...

[Pseudorotaxane complexes between viologen vinylogues and cucurbit\[7\]uril: New prototype of photocontrolled molecular machine](#)

НОВОСТИ И СОБЫТИЯ

19.03.11 [1-ый Международный научно-практический семинар для издающих организаций научных журналов России и стран СНГ](#)

"Подготовка научных журналов к индексированию в международной аналитической информационной системе SciVerse Scopus: проблемы и решения"

17.03.11 [В рамках "Года Elsevier в Российской национальной библиотеке"](#)

ВАЖНО



для **Руководителей**



для **Исследователей**



**Publishing
Connect**
Partnering with the Global Research Community

**Спасибо за внимание!
Есть вопросы?**

A series of overlapping, wavy lines in various shades of green and yellow, flowing from the left side of the slide towards the right, creating a dynamic, organic background element.

www.elsevierscience.ru

g.yakshonak@elsevier.com

+7 (495) 644 09 11