

Elsevier Research Intelligence

SciVal для исследователей и администраторов

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Мир научных исследований становится более конкурентным, возрастает давление на научных работников и их руководителей



Elsevier Research Intelligence

SciVal

Взгляд снаружи

Готовые инструменты для анализа мировой науки и выработки перспективной стратегии развития

Pure

Взгляд изнутри

Комплексная информационная система управления научными исследованиями

Analytical Services

Кастомизированный анализ

Кастомизированные отчеты с детальным анализом научно-исследовательского потенциала организации

Scopus

Большой набор данных

Крупнейшая база данных рецензируемых публикаций и цитирования для мониторинга и анализа публикационной активности

Mendeley

Повышение продуктивности

Бесплатный менеджер ссылок и социальная сеть общения ученых для поддержки коллабораций и организации эффективного научного процесса

← Выработка стратегии исследований

→ Поддержка исследований →

Аналитические ресурсы Elsevier – мировой стандарт оценки научной деятельности



UK REF

UK BIS

Kiel University

Russian Ministry of Science and Education

Ural Federal University

Michigan Corporate Relations Network

Queen's University Belfast



STINT



MD Anderson



erc

Danish BFI

Estonia Research Council

NCN Poland

Germany IFQ

European Commission & ERC

FCT Portugal

Italy ANVUR

Gazi University

ISTIC

Peking University

Keio University



ReachNC



CAPES Brazil

NSF



Nigerian Government

Nanyang Technological University

IISER

TCI - Thailand

NRF -Korea



ERA 2014

Rankings:



Содержание Scopus и SciVal

Scopus

Крупнейшая в мире реферативная и аналитическая база научных публикаций и цитирования

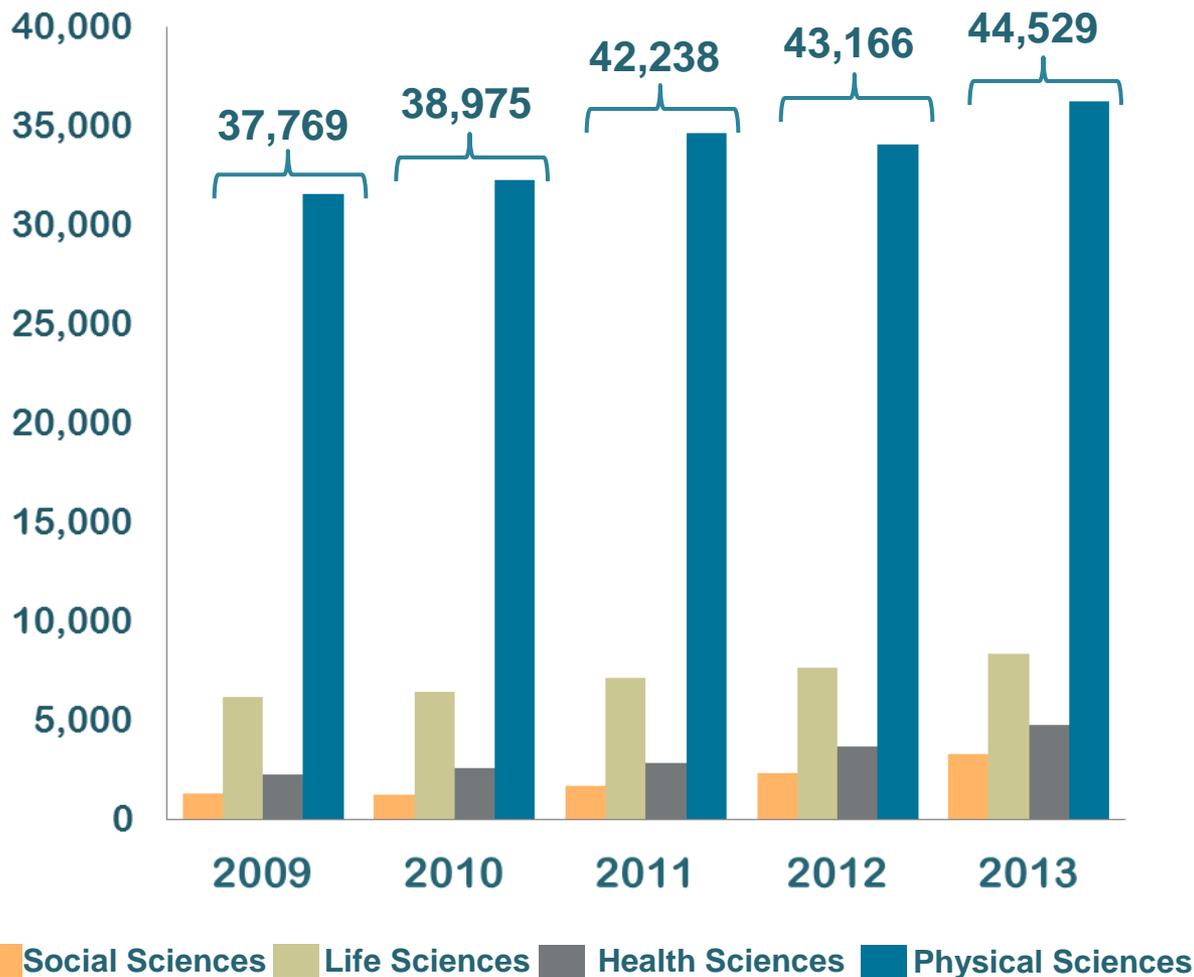
>21 000 журналов от **5,000** различных издательств, включая >330 российских изданий

- 53 миллиона записей с 1823г., показатели цитируемости с 1996г.
- 5,3 млн. материалов научных конференций
- 25 миллионов патентных записей
- **120 000** книг (до конца 2015г.)
- Расчет показателей цитируемости с 1970г. (до 2016г.)

17 млн. уникальных профилей авторов и **8 млн.** организаций.

Широкий охват содержания из России

Документы, аффилированные с Россией 2009–2013



Source: Scopus data 13 May 2014

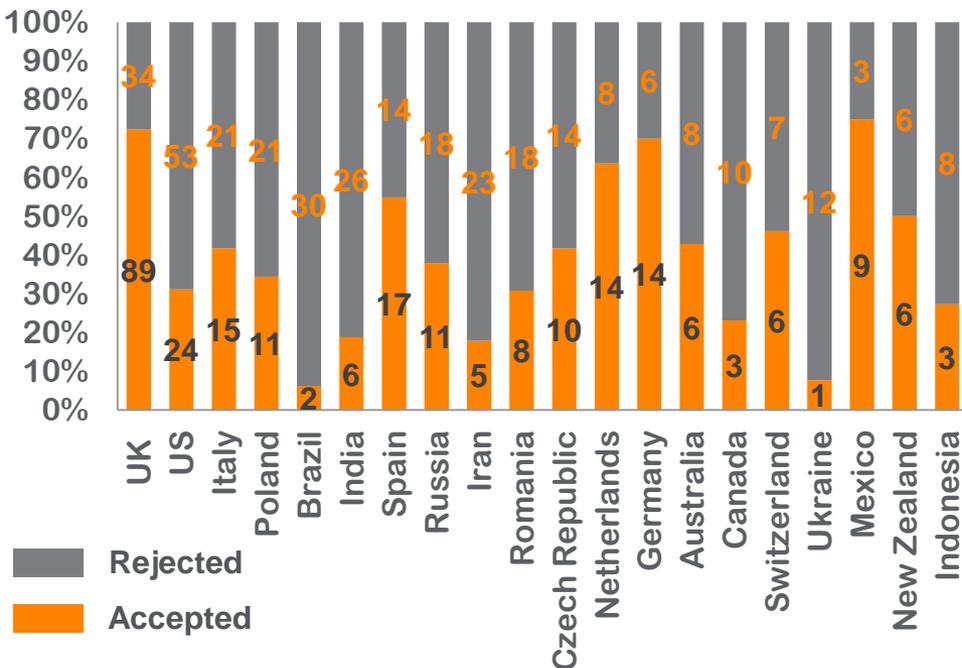
214 активных журналов из **России** в Scopus + 118 Российских журналов, изд. международными издательствами=332 активных журнала

Языковое распределение Российских публикаций:



Отбор локальных изданий и фокус на качество

During 2014 in total 767 titles reviewed of which 324 (42%) accepted for Scopus. Top 20 countries:



Collaborations for local content selection & advisory boards:



New local boards in 2015:



Local pro-active content suggestion initiatives:



In 2015 the first results of re-evaluation of content in Scopus will be visible:

- Measurement of **journal performance** according to several measurements (output, usage, citations, self-citations)
- Journals not meeting the **benchmarks** for its subject field will be red flagged and asked to address the issues
- If red flag remains, the journal will be reviewed by the CSAB with the possible consequence of **discontinuation** in Scopus



12.10.15

Рекомендации по проверке журналов перед подачей статьи для публикации

В связи с участившимися случаями недобросовестной издательской практики мы хотели бы предостеречь вас и ваших коллег от сотрудничества с лицами и компаниями, предлагающими платные публикации в журналах, якобы индексируемых в Scopus, и представить вашему вниманию рекомендации по проверке журналов перед подачей статьи для публикации.

[Scopus](#) - крупнейшая в мире база аннотаций и цитирования, которая индексирует более 21000 наименований научно-технических и медицинских журналов (свыше 340 из которых российские) от 5000 международных издательств, более 400 книжных серий, результаты научных конференций и свыше 25 млн патентных записей от 5 международных патентных ведомств. Для того чтобы поддерживать высокое качество контента, члены независимого Экспертного совета Scopus руководствуются рядом

SciVal: аналитическая платформа для оценки текущего состояния и поиска новых возможностей для исследований

SciVal анализирует результаты исследований по 5000 организациям со всего мира, на уровне стран, организаций и персоналий, в четырех модулях:

The screenshot shows the SciVal dashboard interface. At the top left is the SciVal logo. On the top right, there are links for 'Scopus', 'SciVal', a user profile 'Vadim Sobolev' with a dropdown arrow, and a 'Help' link. Below this is a dark blue navigation bar with buttons for 'Home', 'Overview', 'Benchmarking', 'Collaboration', 'Trends', and 'My SciVal'. The main content area is titled 'Welcome to SciVal' and features four cards, each with an icon, a title, a description, and a 'Go to' button.

Home	Overview	Benchmarking	Collaboration	Trends	My SciVal
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Welcome to SciVal

Overview

Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Go to Overview](#)

Benchmarking

Compare and benchmark your Institution to other institutions, Researchers and Groups of Researchers using a variety of metrics.

[Go to Benchmarking](#)

Collaboration

Explore the collaboration network of both your Institution and other Institutions.

[Go to Collaboration](#)

Trends NEW

Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars.

[Go to Trends](#)

Модуль Overview



Визуализация результатов исслед. деятельности

Готовая к просмотру картина включает:

- 5000 организаций
- 220 стран и группы
- Исследователей и группы
- Области исследований и группы

Northwestern University
 United States | Scopus affiliation ID: 60001590... Show all
 Source: Scopus data up to 19 Mar 2014 | 2009 to 2013 | no filter selected

Overall research performance

Publications	Authors	Citations	Citations per Publication
35,859	20,929	349,762	9.8

Performance by Research Area

Research Area	Publications	Citations	Authors	Most published authors
Heart failure and rehabilitation - 7 April 2014	605	6,620	521	Rymer, W.Z., Billmorla, K.Y.
Graphene - 7 April 2014	57	3,633	93	Huang, J., Co

Performance by Journal Category

Pie chart showing distribution across categories:

- Medicine (24.4%)
- Biochemistry, Gene... (9.8%)
- Engineering (7.0%)
- Chemistry (6.9%)
- Physics and Astronomy (8.6%)
- Mathematics (2.7%)
- Other (16.7%)
- Computer Science (4.5%)
- Social Sciences (4.1%)
- Psychology (2.4%)
- Neuroscience (3.5%)

Performance indicators

- Output in Top Percentiles:** Publications in top 10% most cited worldwide. Toms State University: 4.6%, Russian Federation: 5.3%
- Publications in Top Journal Percentiles:** Publications in top 10% journals by SNIP. Toms State University: 6.2%, Russian Federation: 6.3%
- International Collaboration:** Publications co-authored with Institutions in other countries. Toms State University: 28.0%, Russian Federation: 29.0%
- Academic-Corporate Collaboration:** Publications with both academic and corporate affiliations. Toms State University: 0.1%, Russian Federation: 0.6%

Quick links

Use the links below for more information on Toms State University:

- View the top authors
- View the top collaborating Institutions
- View the top journals
- View an analysis of research strengths



Overview

Изменение временного периода и предметной области

Northwestern University
 United States | Scopus affiliation ID: 60001590
 Source: Scopus data up to 19 Mar 2014 | 2009 to 2013 | no filter selected

Overall research performance

Publications	Authors	Citations	Citations per Publication
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Graphene - 7 April 2014	57 ▲	3,633	93 ▲	Huang, J., Cote, L.J., Kim, J.

Performance by Journal Category

Pie chart showing distribution of publications by journal category:

- Medicine (24.4%)
- Biochemistry, Gene... (9.8%)
- Engineering (7.0%)
- Chemistry (6.9%)
- Materials Science (6.3%)
- Physics and Astronomy (8.6%)
- Chemical Engineering (3.1%)
- Other (16.7%)
- Computer Science (4.5%)
- Social Sciences (4.1%)
- Psychology (2.4%)
- Neuroscience (3.5%)

3 years	2012 to 2014
3 years + current year	2012 to 2015
3 years + current year + beyond current year	2012 to >2015
5 years	2010 to 2014
5 years + current year	2010 to 2015
5 years + current year + beyond current year	2010 to >2015

Варианты периодов

- ▼ Agricultural and Biological Sciences
 - Agromony and Crop Science
 - Animal Science and Zoology
 - Aquatic Science
 - Ecology, Evolution, Behavior and Systematics
 - Food Science
 - Forestry
 - General Agricultural and Biological Sciences
 - Horticulture
 - Insect Science
 - Plant Science
 - Soil Science
- ▶ Arts and Humanities
- ▶ Biochemistry, Genetics and Molecular Biology
- ▶ Business, Management and Accounting
- ▶ Chemical Engineering
- ▶ Chemistry
- ▶ Computer Science
- ▶ Decision Sciences
- ▶ Dentistry
- ▶ Earth and Planetary Sciences
- ▶ Economics, Econometrics and Finance
- ▶ Energy
- ▶ Engineering
- ▶ Environmental Science
- ▶ Health Professions
- ▶ Immunology and Microbiology
- ▶ Materials Science
- ▶ Mathematics
- ▶ Medicine
- ▶ Multidisciplinary
- ▶ Neuroscience
- ▶ Nursing
- ▶ Pharmacology, Toxicology and Pharmaceutics
- ▶ Physics and Astronomy
- ▶ Psychology
- ▶ Social Sciences
- ▶ Veterinary

Фильтр по 27 топ-предметным областям и 334 более узким областям (Scopus ASJC)

Классификаторы журналов

Utrecht University
Netherlands | More details on this institution

Source: Scopus data up to 21 Sep 2014 | 2009 to 2013 | no filter selected

Summary | **Publications** | Citations | Authors | Collaboration | Competencies

Overall | by Research Area | **by Journal Category** | by journal

Publications by Journal Category | Export

View: number of publications Field-Weighted Citation Impact

Journal Category	Number of publications	Field-Weighted Citation Impact
Medical Sciences	~14,000	~1.8
Natural Sciences	~10,000	~1.8
Social Sciences	~5,000	~1.8
Agricultural Sciences	~2,000	~1.8
Engineering and Technologies	~1,000	~1.8
Humanities	~1,000	~1.8

Вариативность систем классификации позволяет проводить анализ в соответствии с различными требованиями

Preferences

Select journal classification

This will be used to categorize journals (and the publications in those journals) into scientific disciplines.

- ASJC** - All Science Journal Classification
Used in Scopus. This is the default scheme in SciVal.
[View more details](#)
- FoR** - Fields of Research (FoR) List
Part of the Australian and New Zealand Standard Research Classification.
[View more details](#)
- FOS** - Field of Science and Technology (FOS) Classification
Used in the *Frascati Manual* of the Organisation for Economic Co-operation and Development (OECD).
[View more details](#)
- REF 2014** - Units of assessment (UOAs)
Used in the REF 2014 exercise administered by the Higher Education Funding Council for England (HEFCE).
[View more details](#)

Save preferences | Cancel



Overview

Обзор по любым организациям мира

View overview of:

- Institutions and Groups**
 - Northwestern University
 - University of Geneva
 - Peking University
 - University of Cambridge
 - Arizona
 - + Add Institutions and Groups**
- Researchers and Groups
- Publication Sets and Groups
- Countries and Groups
- Research Areas and Groups

Добавьте организацию или группу

Выбор любого из 5000 институтов с готовыми данными

Institutions and Groups

- University of Science
- Mainland University

- Harvard University
- Harvey Mudd College

Наберите название интересующей орг. и выберите из списка

SciVal

Home Overview Benchmark

View overview of:

- Institutions and Groups**
 - Harvard University
 - Northwestern University
 - University of Geneva
 - Peking University
 - University of Cambridge
 - Arizona
 - + Add Institutions and Groups
- Researchers and Groups
- Publication Sets and Groups
- Countries and Groups
- Research Areas and Groups

Harvard University

United States | Scopus affiliation ID: 60000650... Show all

Source: Scopus data up to 19 Mar 2014 | 2009 to 2013 | no filter selected

Summary | Publications | Citations | Collaboration | Competencies

Overall research performance Export Shortcuts

Publications	Authors	Citations	Citations per Publication
113,518 ▲	65,019 ▲	1,529,120	13.5

View list of publications

Performance by Journal Category Export

Pie chart | Table

Journal Category	Percentage
Medicine	38.9%
Other	19.2%
Biochemistry, Gene...	14.4%
Immunology and Mic...	3.4%
Physics and Astronomy	5.9%
Engineering	2.6%
Earth and Planetar...	3.0%
Agricultural and B...	3.1%
Social Sciences	3.0%
Neuroscience	4.3%
Psychology	2.2%



Overview

Получение всестороннего обзора и изучение деталей

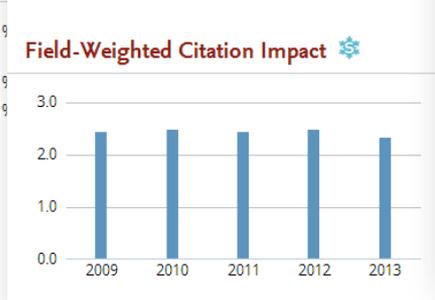
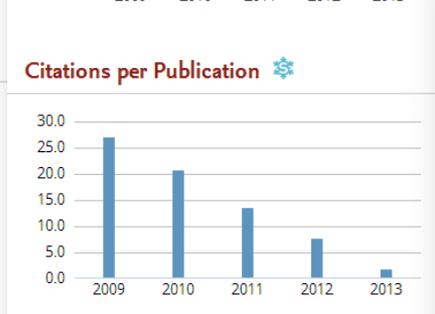
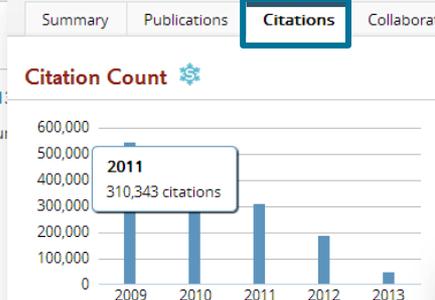
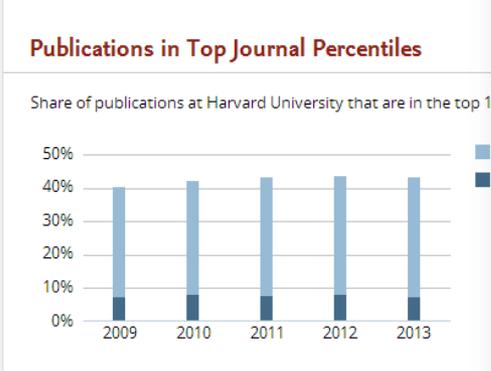
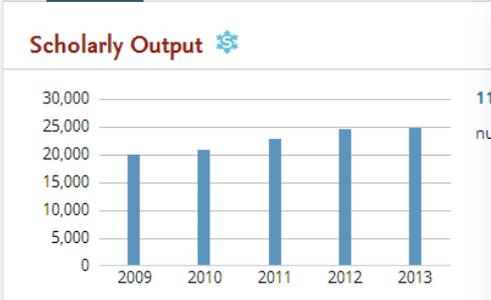
Harvard University

United States | Scopus affiliation ID: 60000650... Show all

Source: Scopus data up to 19 Mar 2014 | 2009 to 2013 | no filter selected

Summary **Publications** Citations Collaboration Competencies

Overall by Journal Category by journal



Навигация по закладкам по разным метрикам для получения всестороннего понимания выбранных исследовательских объектов основанных на публикациях, цитировании, сотрудничестве и компетенциях

1,529,120 citations
number of citations received by publications at Harvard University

Source: Scopus data up to 21 Sep 2014 | 2009 to 2013 | no filter selected

Summary Publications Citations **Authors** Collaboration Competencies

Overall Top collaborating institutions

Collaboration

Publications at Tomsk State University, by amount of international, national and institutional collaboration

Metric	Publications	Citations	Citations per Publication	Field-Weighted Citation Impact
International collaboration	28.0%	498	2,287	4.6
Only national collaboration	29.3%	522	870	1.7
Only institutional collaboration	33.6%	598	506	0.8
Single authorship (no collaboration)	9.1%	162	155	1.0

Academic-Corporate Collaboration

Publications at Tomsk State University with both academic and corporate author affiliations

Metric	Publications	Citations	Citations per Publication	Field-Weighted Citation Impact
Academic-corporate collaboration	0.1%	2	3	1.5
No academic-corporate collaboration	99.9%	1,778	3,815	2.1



Overview

Определение исследовательских компетенций и междисциплинарных исследовательских тем

Изучение карты компетенций для определения сильных сторон и новых исследовательских трендов в междисциплинарных областях.

Overview | Benchmarking | Collaboration | Trends | My SciVal

St. Petersburg State University

Russian Federation | More details on this Institution

Source: Scopus data up to 02 Mar 2015 | 2010 to >2015 | no filter selected

Summary | Publications | Citations | Authors | Collaboration | **Competencies**

Browse competencies | Search for competencies

Browse competencies

Export | Shortcuts

Competencies of St. Petersburg State University in 2013 based on an analysis of publications over the period 2009-2013

Table | **Circle** | Matrix

Filter competencies

Competency: DC #4 X

Publications at this Institution: 94

Authors at this Institution: Shabaev V.M.; Tupitsyn I.I.; Volotka A.V.

Keywords: computation; electrons; energy

Journal Categories:

Atomic and Molecular Physi...	42.4%
Astronomy and Astrophysics	21.1%
General Physics and Astron...	19.4%

[More details >](#)

Competency DC #4

computation; electrons; energy

Summary | Trends | Journal Categories | Institutions | Authors | Compare | Methodology

Based on an analysis of publications over the period 2009-2013, SciVal has identified DC #4 as a distinctive competency of St. Petersburg State University. See why this field is a distinctive competency of St. Petersburg State University

Publications in this field (2009-2013)

	Publications	Annual growth	Citations
Publications worldwide	1,740	+ 3.3%	16,120
Publications in the Russian Federation	213	-6.0%	1,716
Publications at St. Petersburg State University	94	+ 9.5%	259

Show the contribution to this field from:

- St. Petersburg State University
- all contributing Institutions worldwide

Top keywords for St. Petersburg State University show all >

computation	█
photons	█
electrons	█
ions	█
energy	█
heavy ions	█
transition parity	█
correlation	█

Top authors from St. Petersburg State University details >

Shabaev V.M.	█
Tupitsyn I.I.	█
Volotka A.V.	█
Glazov D.A.	█
Lazkovskiy L.N.	█
Kozhedub Y.S.	█
Petrov A.N.	█
Soloviyev D.A.	█
Malorova A.V.	█
Skrjpnikov L.V.	█

Top Journal Categories for St. Petersburg State University details >

Atomic and Molecular Physics, and Opt...	█
General Physics and Astronomy	█
Astronomy and Astrophysics	█
Physical and Theoretical Chemistry	█

Top journals for St. Petersburg State University details >

Physical Review A - Atomic, Molecu...	█
Journal of Physics B: Atomic, Molecu...	█
Physica Scripta	█
Optics and Spectroscopy (English tran...	█
Journal of Chemical Physics	█

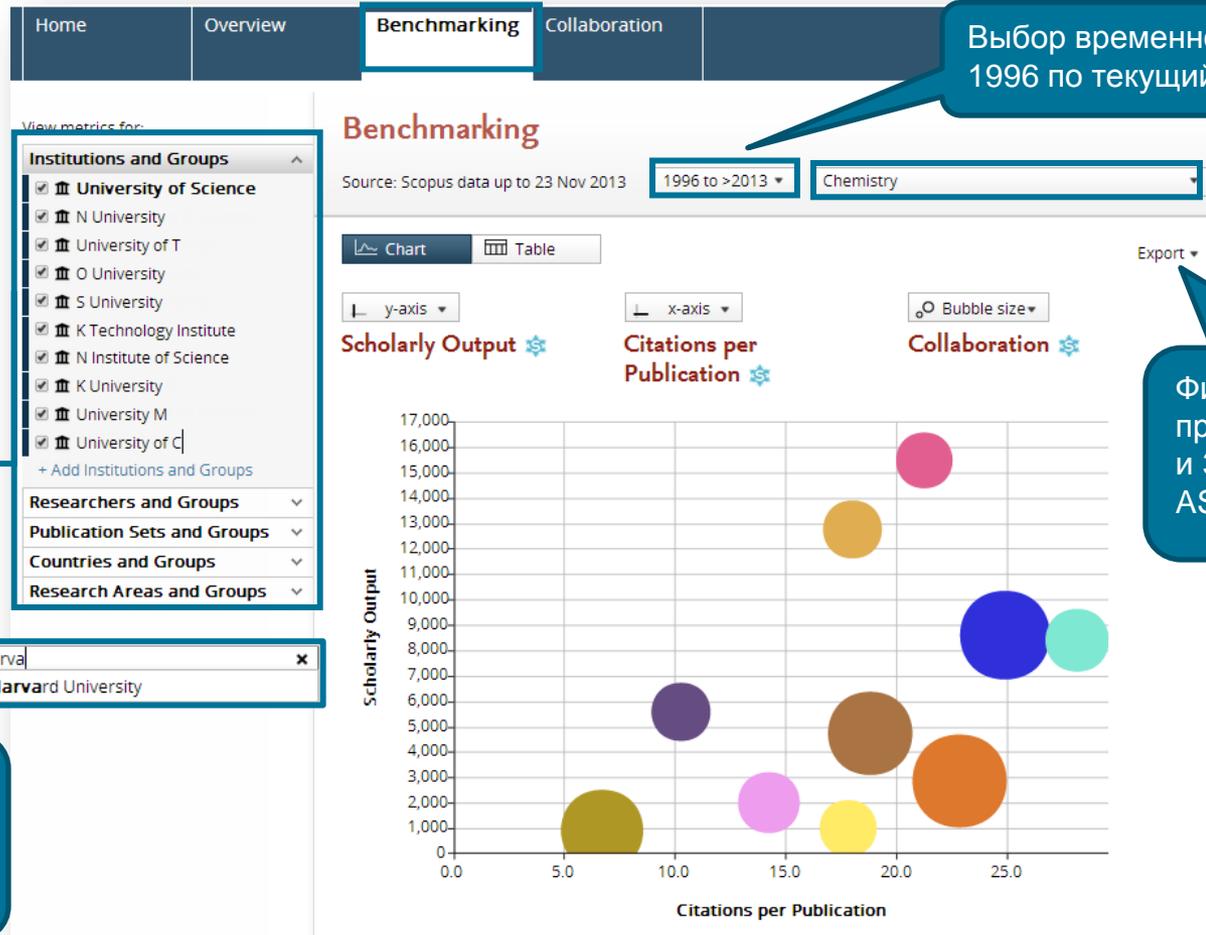
Модуль Benchmarking



Benchmarking

Определение эффективности вашего прогресса

Оценка ваших сильных и слабых сторон по собственной выборке исследовательских групп, индикаторов и предметных областей для сравнения.



Выбор временного промежутка с 1996 по текущий год.

Выбор любой комбинации объектов для сравнения.

Определение исследовательских групп и тем для сценариев и сравнения.

Фильтр по 27 топ-предметным областям и 334 темам (Scopus ASJC)

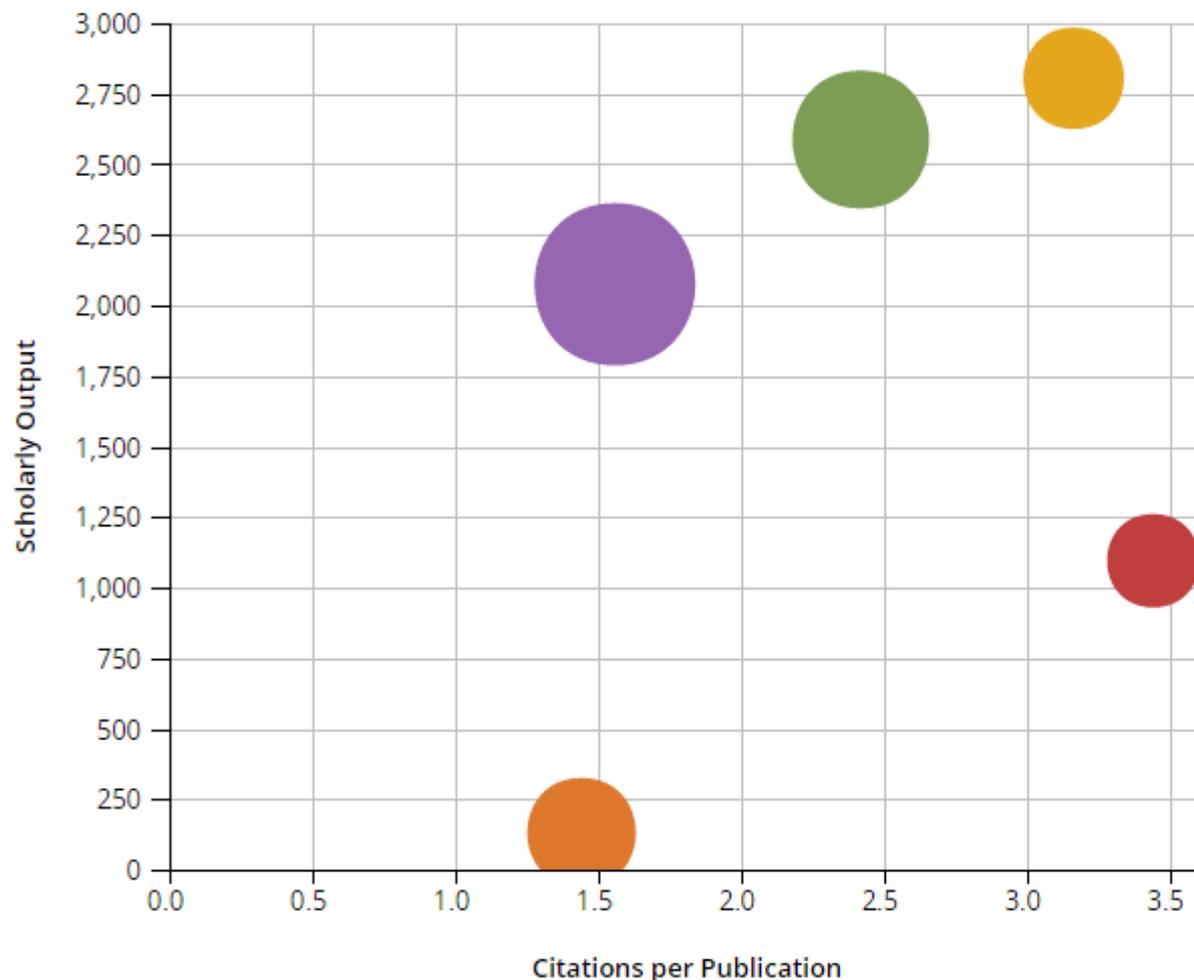
Пример

1996 to 2014 ▼ no filter selected ▼

Scholarly Output

Citations per Publication

Field-Weighted Citation Impact



- Institutions and Groups**
- Far Eastern Federal University
 - Herzen Russian State Pedagogical University
 - Higher School of Economics
 - Russian Presidential Academy of National Economy and Public Administration
 - Russian University of Peoples' Friendship



Benchmarking

Комбинация различного набора метрик

Home Overview **Benchmarking** Collaboration My SciVal

Просмотр в виде графиков или таблицы.

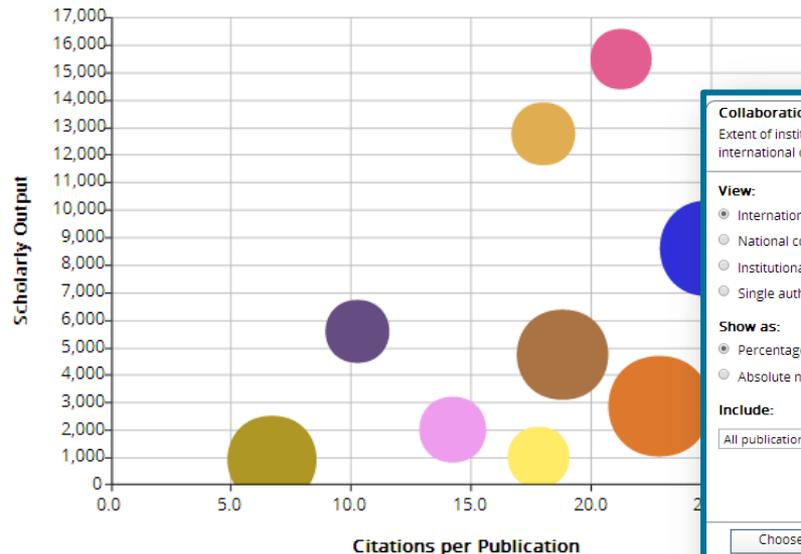
Benchmarking

Source: Scopus data up to 23 Nov 2013 1996 to >2013 Chemistry

Chart Table

y-axis x-axis Bubble size

Scholarly Output Citations per Publication Collaboration



Выбор любой комбинации метрик из вариативного пула

Name	Scholarly Output	Citations per Publication	International collaboration (%)
K Technology Institute	4,700	18.8	39.4
K University	2,015	14.2	21.1
N Institute of Science	1,011	17.8	17.9
N University	8,393	28.1	22.3
O University	12,753	18.0	19.1
S University	5,578	10.2	19.3
University M	919	6.7	37.4
University of C	8,596	24.9	44.7
University of Science	2,862	22.8	49.1
University of T	15,568	21.2	17.7

Collaboration

Extent of institutional, national and international co-authorship.

View:

- International collaboration
- National collaboration
- Institutional collaboration
- Single authorship

Show as:

- Percentage
- Absolute number

Include:

All publication types

Choose as bubble size

Collaboration

Change to a different metric below:

- Academic-Corporate Collaboration Impact
- Academic-Corporate Collaboration Impact
- Citation Count
- Citations per Publication
- Cited Publications

Collaboration

- Collaboration Impact
- Field-Weighted Citation Impact
- /Indices
- Journal Category Count
- Journal Count
- Number of Citing Countries
- Outputs in Top Percentiles
- Publications in Top Journal Percentiles
- Scholarly Output
- Don't show a third metric

Возможный набор метрик

Детальное изучение данных в различных аспектах для определения ключевых сильных позиций

Productivity metrics



Scholarly Output
h-indices (*h*, *g*, *m*)

Citation Impact metrics



Citation Count
Citations per Publication
Cited Publications



h-indices (*h*, *g*, *m*)
Field-Weighted Citation Impact
Publications in Top Percentiles
Publications in Top Journal Percentiles
Collaboration Impact (geographical)
Academic-Corporate Collaboration Impact

Collaboration metrics



Authorship Count
Number of Citing Countries
Collaboration (geographical)
Academic-Corporate Collaboration

Disciplinary metrics

Journal count
Journal category count

SciVal Metrics Guidebook

Это полное руководство поможет найти и определиться с нужными метриками для получения ответа на поставленные вопросы.



Example 4: Number of Citing Countries

Scenario: The user would like to calculate the Number of Citing Countries of an entity that consists of 6 publications. They have not selected any steering or calculation options. So that this entity has received 4 citations from publications A, B, C, D, E and F.

	Entity with 6 Publications					
	Publication 1	Publication 2	Publication 3	Publication 4	Publication 5	Publication 6
Cited by Publication A	Yes		No		Yes	
Cited by Publication B		Yes				
Cited by Publication C	Yes	No		Yes	Yes	
Cited by Publication D	Yes	Yes	Yes		Yes	
Cited by Publication E				Yes		
Cited by Publication F		Yes			Yes	

Scenario: The citing publications A, B, C, D, E and F have the following affiliation information:

Citing Publication	Affiliation	Publication	Citation
Publication A	AS	B	CS
	AS		CS
Publication B	AS	D	CS
	AS		CS
Publication C	AS	E	CS
	AS		CS
Publication D	AS	F	CS
	AS		CS
Publication E	AS	B	CS
	AS		CS
Publication F	AS	D	CS
	AS		CS

Question: How do I calculate the number of Citing Countries?
Answer: Count the number of distinct countries in the affiliations of the citing publications.
Number of Citing Countries = 4

4.9 Metric: Field-Weighted Citation Impact

Field-Weighted Citation Impact in SciVal indicates how the number of citations received by an entity's publications compares with the average number of citations received by all other similar publications in the data universe, here in the citations received by the entity's publications compared with the world average.

A Field-Weighted Citation Impact of 1.00 indicates that the entity's publications have been cited exactly as would be expected based on the global average for similar publications; the Field-Weighted Citation Impact of "World", or the entire Scopus database, is 1.00.

A Field-Weighted Citation Impact of more than 1.00 indicates that the entity's publications have been cited more than would be expected based on the global average for similar publications; for example, 3.11 means 311% more cited than world average.

A Field-Weighted Citation Impact of less than 1.00 indicates that the entity's publications have been cited less than would be expected based on the global average for similar publications; for example, 0.87 means 13% less cited than world average.

Similar publications are those publications in the Scopus database that have the same publication year, publication type, and discipline, as represented by the Scopus journal classification system.

Publications can be assigned to a classification system in 2 ways:

– **"Journal-driven" assignment** assumes that every publication within a journal fits within the same discipline(s) on the journal's scope. Each publication automatically adopts the subject classification that are assigned to the journal. This method of assignment is suitable for journals that are focused in a core field, and do not need to include publications that are also relevant to other fields.

– **"Publication-driven" assignment** assumes that publications within a journal may have additional or different relevance to fields outside the core focus of the journal's scope. Publication-driven assignment offers the benefit of being able to assign individual publications from a journal separately to their relevant classifications. This is important for publications in multi-disciplinary journals.

Field-Weighted Citation Impact uses "publication-driven" assignment.

Publications are allocated to the classification sub-category level, and can be allocated to more than 1 sub-category. When we calculate the expected citations for similar publications, it is important that these multi-category publications do not count too much weight; for example, if a publication F belongs to both in both parasitology and microbiology, it should not have double the influence of a publication that belongs to only one or the other sub-category. This is accounted for in SciVal by distributing publication and citation counts equally across multiple journal categories; publication F would be counted as 0.5 publications for each of parasitology and microbiology, and its citation would be shared equally between these sub-categories.

• Понимание метрик

- Scopus как источник информации

• Выбор подходящих метрик

- Что еще влияет на их значение?

• Для каждой метрики

- Ситуации в которых они используются
- Когда обратить внимание и как решать недочеты
- Рабочие примеры

Download the guidebook: http://bit.ly/scival_metrics_guide
 View the quick-start webinar: <http://youtu.be/oS-vTU9cqps>

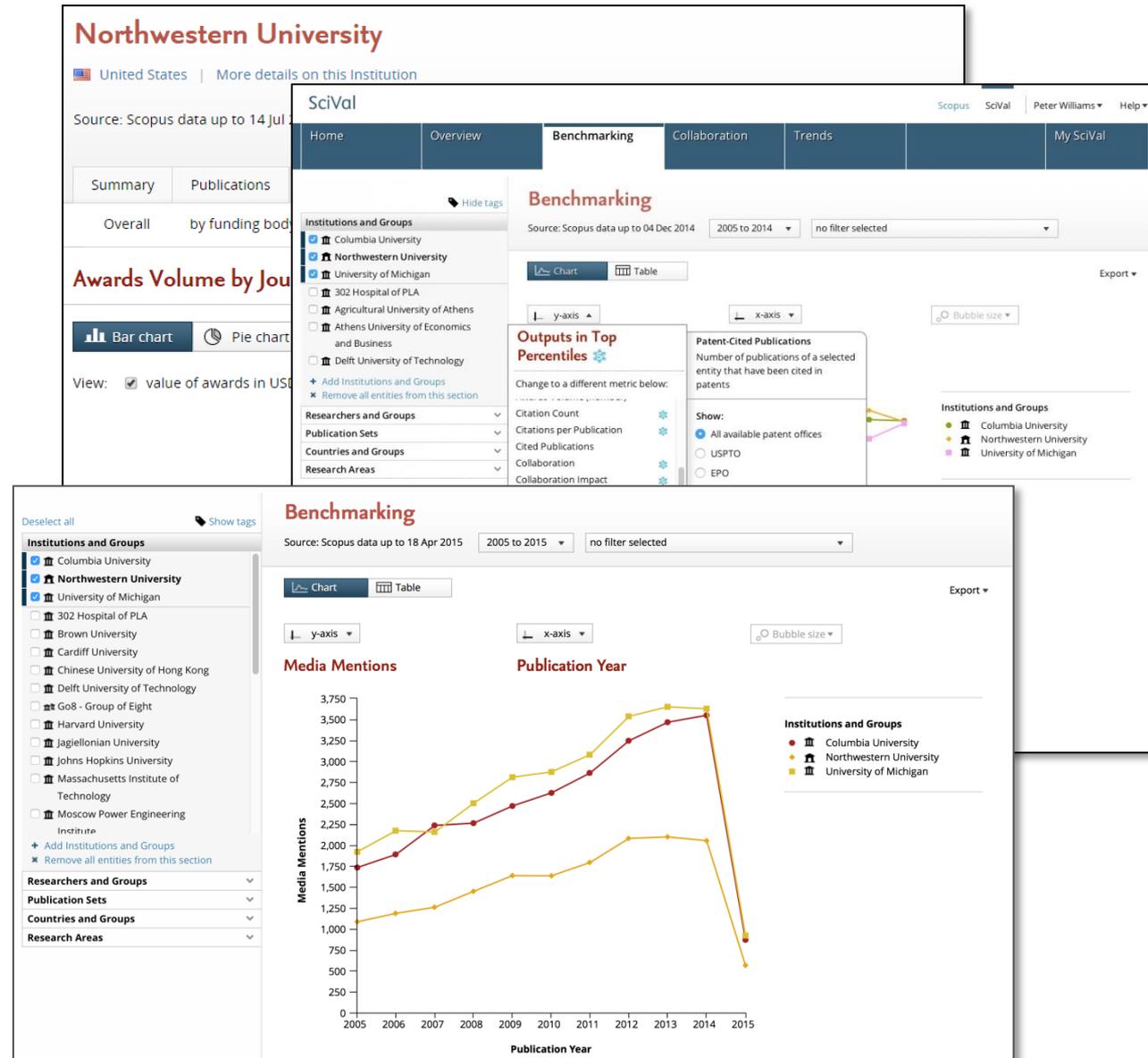


Применение новых метрик для более разностороннего анализа

Полученные
гранты

Цитирование в
патентах

Упоминание в
СМИ



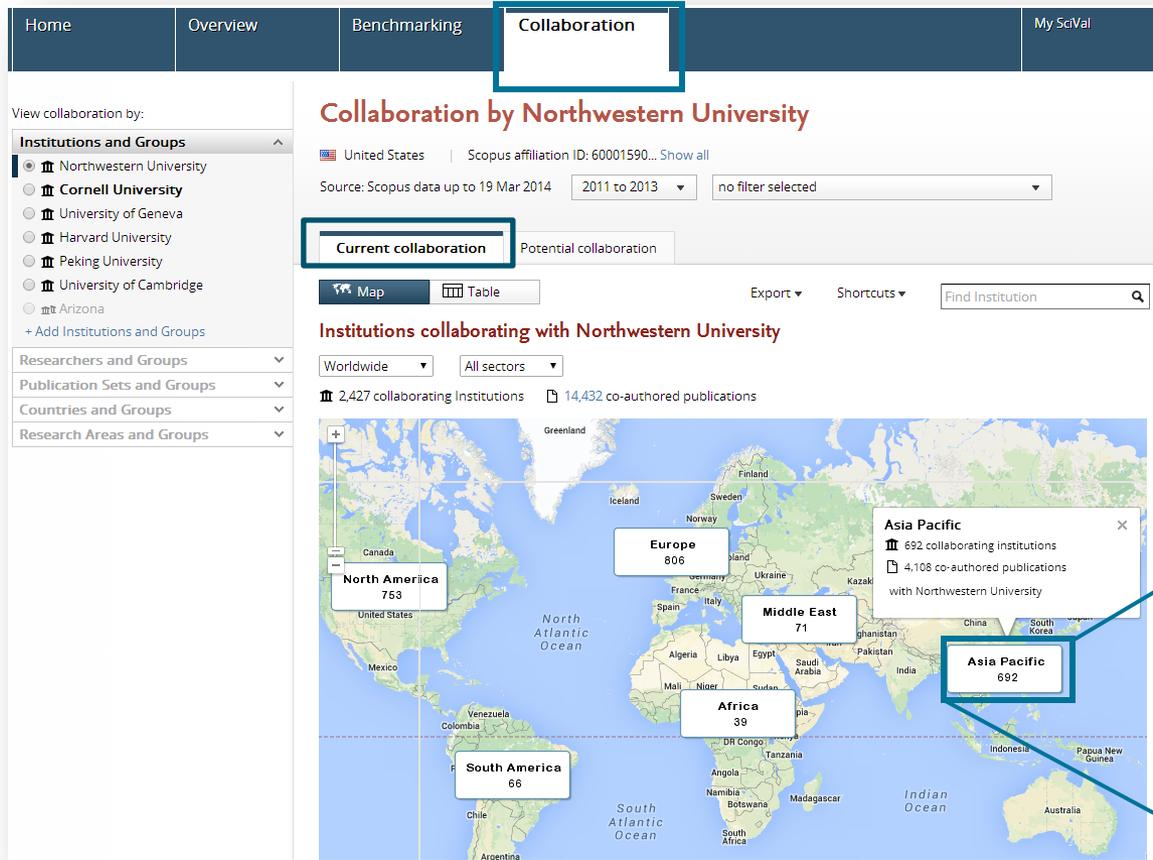
Модуль Collaboration



Collaboration

Определение и оценка существующих партнеров для сотрудничества

Определение и анализ существующих и потенциальных возможностей сотрудничества, основанных на анализе публикаций и цитирования.





Collaboration

Определение и оценка существующих партнеров для сотрудничества

Просмотр в табличном виде списка сотрудничающих организаций.

Current collaboration Potential

Map Table Export Shortcuts Find Institution

Institutions collaborating with Northwestern University

Worldwide All sectors

2,427 collaborating Institutions 14,432 co-authored publications

Institution	Co-authored publications	Co-authors at Northwestern University	Co-authors at the other institution	Citations
Harvard University	1,103	1,006	1,610	16,970
Johns Hopkins University	889	654		
University of Illinois at Chicago	831	902		
University of California at Los Angeles	812	597		
University of Chicago	762	936		

Collaboration with the University of Illinois at Chicago

Year range: 2011 to 2013

Overview Current co-authors Potential co-authors

Northwestern University	University of Illinois at Chicago
902 co-authors with the University of Illinois at Chicago	918 co-authors with Northwestern University
Co-authored publications: 831	
Total output of this Institution: Citations: 132,223 Citations per Publication: 5.8 Field-Weighted Citation Impact: 1.99 Publications: 22,745 Authors: 15,915	Total output of this Institution: Citations: 46,437 Citations per Publication: 4.2 Field-Weighted Citation Impact: 1.59 Publications: 10,981 Authors: 8,190

Co-authored publications by Journal Category

Pie chart Bar chart

Co-authored publications Total publications Northwestern University Total publications University of Illinois at Chicago

Выбор организации позволяет:

- Оценить публикационную активность и влияние работ написанных в соавторстве в рамках общей результативности организации
- Оценить предметные области соавторов



Collaboration

Определение и оценка существующих партнеров для сотрудничества

Определение сотрудничающих авторов по каждой организации и того, кто с кем сотрудничает, а также потенциал развития сотрудничества

Collaboration with the University of Aarhus ✕

Within: History and archaeology | Year range: 2010 to >2015 Export ▾ Shortcuts ▾

Overview **Current co-authors** Potential co-authors

St. Petersburg State University
Co-authors with the University of Aarhus

Author	Co-authored publications	Citations ▾
▶ Astakhov, V.I.	1	1
▶ Nazarov, D.V.	1	1

University of Aarhus
Co-authors with St. Petersburg State University

Author	Co-authored publications	Citations ▾
▶ Murray, A.S.	1	1

Collaboration with the University of Aarhus ✕

Within: History and archaeology | Year range: 2010 to >2015 Export ▾ Shortcuts ▾

Overview Current co-authors **Potential co-authors**

St. Petersburg State University
Top 100 authors not yet collaborating with the University of Aarhus, by number of publications

Author	Publications	Citations ▾
Maiorov, A.V.	9	11
Pelevin, M.	3	0
Vasiliik, V.	3	0
Zhikh, M.I.	3	0
Fijushkin, A.	2	1
Alimov, D.	2	0
Almazova, N.	2	0
Panchenko, D.	2	0
Tot, J.V.	2	0
Mironov, B.N.	1	5
Alexander, F.	1	1
Sergunin, A.A.	1	1
Afanas'eva, T.I.	1	0

University of Aarhus University of Aarhus
Top 100 authors not yet collaborating with St. Petersburg State University, by number of publications

Author	Publications	Citations ▾
Heinemeier, J.	19	64
Knudsen, K.L.	12	35
Larsen, N.K.	9	42
Olsen, J.V.	9	25
Buylaert, J.P.	8	105
Seidenkrantz, M.S.	8	38
Piotrowski, J.A.	5	26
Knudsen, M.F.	5	11
Sohbati, R.	4	91
Christensen, B.T.	4	53
Riede, F.	4	29
Kristensen, P.H.	4	10
Philipsen, B.	4	9



Collaboration

Изучение потенциальных новых возможностей для сотрудничества

Доступ к списку организаций, ее экспертам, потенциальных для сотрудничества: у вас еще нет совместных публикаций, но есть схожие темы исследований.

SciVal User ▾ Help

Home Overview Benchmarking **Collaboration** My SciVal

View collaboration by:

Institutions and Groups

- Northwestern University
- Cornell University**
- University of Geneva
- Harvard University
- Peking University
- University of Cambridge
- Arizona
- + Add Institutions and Groups

Researchers and Groups ▾

Publication Sets and Groups ▾

Countries and Groups ▾

Research Areas and Groups ▾

Collaboration by Northwestern University

United States | Scopus affiliation ID: 60001590... Show all

Source: Scopus data up to 19 Mar 2014 | 2011 to 2013 | **Mathematics**

Current collaboration **Potential collaboration**

Map Table Export Shortcuts Find Institution

Institutions not yet collaborating with Northwestern University

South America | All countries | All sectors

141 not yet collaborating Institutions

Institution	Publications	Authors	Citations
CONICET	403 ▲	431 ▲	506
Comision Nacional de Energia Atomica	92 ▼	124 ▲	134
Comision de Investigaciones Cientificas de la Provincia de Buenos Aires	20 ▲	31 ▼	16
Fundacao Oswaldo Cruz	31 ▲	55 ▲	43
Fundacao Universidade Federal do Rio Grande	28 ▼	32 ▲	15
Instituto Militar de Engenharia	25 ▼	31 ▲	24
Instituto Nacional de Pesquisas Espaciais	118 ▲	155 ▼	127
Instituto Tecnologico de Aeronautica	86 ▲	94 ▲	97
Instituto Venezolano de Investigaciones Cientificas	29 ▲	38 ▲	10
Laboratorio Nacional de Computacao Cientifica	118 ▼	77 ▲	166
Petrobras	26 ▼	29 ▲	33
Pontificia Universidad Catolica de Chile	331 ▲	239 ▲	451
Pontificia Universidad Catolica de Valparaiso	84 ▲	82 ▼	117

no filter selected

- ▶ Agricultural and Biological Sciences
- ▶ Arts and Humanities
- ▶ Biochemistry, Genetics and Molecular Biology
- ▶ Business, Management and Accounting
- ▶ Chemical Engineering
- ▶ Chemistry
- ▶ Computer Science
- ▶ Decision Sciences
- ▶ Dentistry
- ▶ Earth and Planetary Sciences
- ▶ Economics, Econometrics and Finance
- ▶ Energy
- ▶ Engineering
- ▶ Environmental Science
- ▶ Health Professions
- ▶ Immunology and Microbiology
- ▶ Materials Science
- ▶ Mathematics**
- ▶ Medicine
- ▶ Multidisciplinary
- ▶ Neuroscience
- ▶ Nursing
- ▶ Pharmacology, Toxicology and Pharmaceutics
- ▶ Physics and Astronomy
- ▶ Psychology
- ▶ Social Sciences
- ▶ Veterinary

Source: Scopus data up to 16 Mar 2015

2010 to 2014 ▾

no filter selected ▾

Current collaboration

Potential collaboration

Map

Table

Export ▾

Short

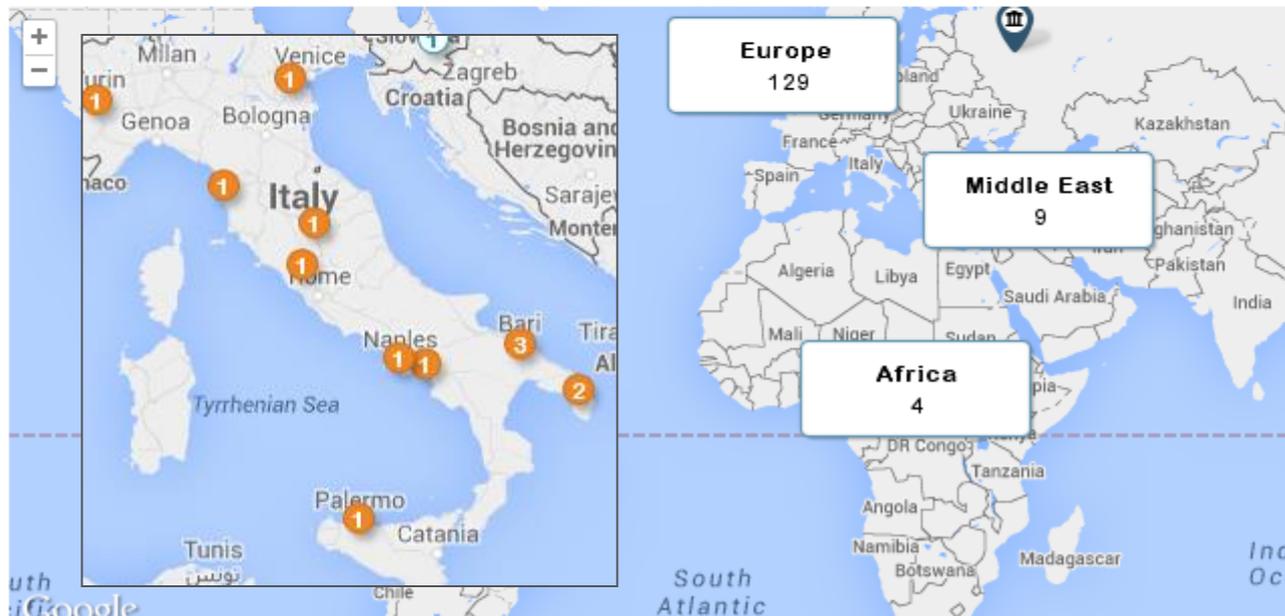
Institutions collaborating with the Russian University of Peoples' Friendship

Worldwide ▾

All sectors ▾

[reset filter](#)

210 collaborating Institutions 563 co-authored publications



- no filter selected
- ▾ Research Areas defined by you
 - Finance security, Computer science
 - financial security
 - Homology modeling; Protein structure
 - Particle interactions
 - Procedia
 - ▾ Journal Categories
 - Agricultural and Biological Sciences
 - Arts and Humanities
 - Biochemistry, Genetics and Molecular Biology
 - Business, Management and Accounting
 - Chemical Engineering
 - Chemistry
 - Computer Science
 - Decision Sciences
 - Dentistry
 - Earth and Planetary Sciences
 - Economics, Econometrics and Finance
 - Energy
 - Engineering
 - Environmental Science
 - Health Professions
 - Immunology and Microbiology
 - Materials Science
 - Mathematics
 - Medicine
 - Multidisciplinary

Создание собственного набора публикаций для анализа

Готовое решение с уже созданными объектами/данными и возможностью создавать свои

В SciVal есть готовые данные по 5000 организациям и 220 странам, и дополнительная возможность для группировки этих данных по необходимости.

Готовые данные и Создание своих



Institutions (+ groups)



Countries (+ groups)



Research Areas

- Search terms
- Entities
- Competencies



Researchers (+ groups)



Publication sets (+ groups)

- Доступ к готовым данным 5000+ орг, 250 странам и группам (напр. EU28, US states, German Bundesländer, Russell группа и др.)
- Возможность создания любой группировки данных, группы исследователей, группы по выборке публикаций

Создание области исследований (Research Areas)

SciVal единственное решение, которое позволяет создавать собственные области исследований для изучения и мониторинга, которые бы отражали фокусную, именно для вас, тематику

Research Areas может представлять собой стратегические приоритеты, развивающиеся направления в исследованиях или любую другую интересную для вас тему основываясь на следующих компонентах, используемых для ее создания:

- **Search terms** – поиск по публикациям с использованием ключевых слов.
- **Entities** – выбор и комбинация любых из представленных данных
 - Institutions (+ groups)
 - Countries (+ groups)
 - Journals and journal categories
- **Competencies** – выбор и комбинация компетенций для любой организации или страны

Создание исследовательской области

Например, с использованием ключевых слов

Institutions and Groups
 Researchers and Groups
 Publication Sets and Groups
 Countries and Groups
Research Areas and Groups
 Graphene - 7 April 2014
 Heart failure and rehabilitation - 7 April 2014
 Search by name
 + Define a new Research Area

Выбор "Define a new Research Area"

Define a new Research Area What's this?

STEP 1: Create definition | STEP 2: Refine definition | STEP 3: Save definition

Use search terms | Use entities | Use competencies

Define a new Research Area based on one or more search terms:

avian flu + Add another field

Type important terms (e.g. solar flare) or an exact word or phrase (e.g. "solar flare")
 More search tips

Search

Поиск по ключевым словам (keywords), данным или компетенциям

Define a new Research Area What's this?

STEP 1: Create definition | STEP 2: Refine definition | STEP 3: Save definition

Definition of your Research Area: **avian flu**
 Publications matching the current definition: 1,192 (1996-present)

You can refine this definition by applying one or more filters:

Journal Categories
 Journals
 Institutions
 Countries
 Organization types

Total matching publications: 1,192

Why are you seeing multiple Journal Categories?

Medicine	568
Immunology and Microbiology	167
Biochemistry, Genetics and Molecular Biology	156
Agricultural and Biological Sciences	113
Social Sciences	88
Engineering	74
Pharmacology, Toxicology and Pharmaceutics	74
Veterinary	70
Multidisciplinary	69
Computer Science	59
Environmental Science	48
Nursing	39
Chemistry	38
Chemical Engineering	36
Mathematics	34
Business, Management and Accounting	28
Arts and Humanities	22
Health Professions	18
Materials Science	16

Currently applied filters:
 No filters applied yet

Limit to | Exclude

Использование фильтров для уточнения результатов

Define a new Research Area What's this?

STEP 1: Create definition | STEP 2: Refine definition | STEP 3: Save definition

Save your Research Area as: Avian flu - 22 April 2014

Save and finish | Save and define another Research Area

Даете название и сохраняете



Создание исследовательской области на основе:

Использования уже существующих данных

Use search terms **Use entities** Use competencies

Select one or more entities to represent your new Research Area:

Copy selected to my new Research Area

Institutions

Institutions

Countries

Journal Categories

Journals

- ▶ 3M
- ▶ A-STAR
- ▶ ABB Corporate Research
- ▶ ABB Group
- ▶ ADAS
- ▶ ADCO
- ▶ ADNOC
- ▶ ADWEA
- ▶ AFSSA Agence Francaise de Securite Sanitaire des Aliments
- ▶ AGH University of Science and Technology
- ▶ AIR LIQUIDE
- ▶ ALK-Abello AS
- ▶ AMITY UNIVERSITY
- ▶ AO Research Institute
- ▶ AP-HP Assistance Publique - Hopitaux de Paris
- ▶ ARC Seibersdorf Research GmbH
- ▶ AREVA

Использования компетенций любой организации или страны

Use search terms Use entities **Use competencies**

Define a new Research Area based on competencies of Northwestern University.
Or use competencies of another Institution or a Country.

Show competencies of:

Copy selected to my new Research Area

Type to filter

DC #1	Stroke; Muscles; Rehabilitation
DC #2	Defibrillators, Implantable; Heart Failure; Heart Rate
DC #3	Aortic Aneurysm, Abdominal; Patients; Blood Vessel Prosthesis Implantation
DC #4	participant; Emotions; effect
EC #5	standard model (particle physics); quarks; production
DC #6	Liver Neoplasms; Carcinoma, Hepatocellular; Liver
DC #7	Nanoparticles; Nanolithography; Surfaces
DC #8	Internship and Residency; Students, Medical; Clinical Competence
DC #9	Heart Failure; Patients; Mortality
DC #10	Rehabilitation; Spinal Cord Injuries; Questionnaires
DC #11	Neurons; Animals; Rats
DC #12	Prostatic Hyperplasia; Erectile Dysfunction; Prostate
DC #13	Health Literacy; Health; Health Knowledge, Attitudes, Practice

Wages and prices in Imperial Russia

Source: Scopus data up to 02 Mar 2015 | 2010 to >2015 | History and archaeology

- Summary
- Publications
- Citations
- Authors
- Institutions**

Most active Institutions in this Research Area

Export Shortcuts

Show top 10 contributing Institutions (worldwide) In this Research Area, by number of publications

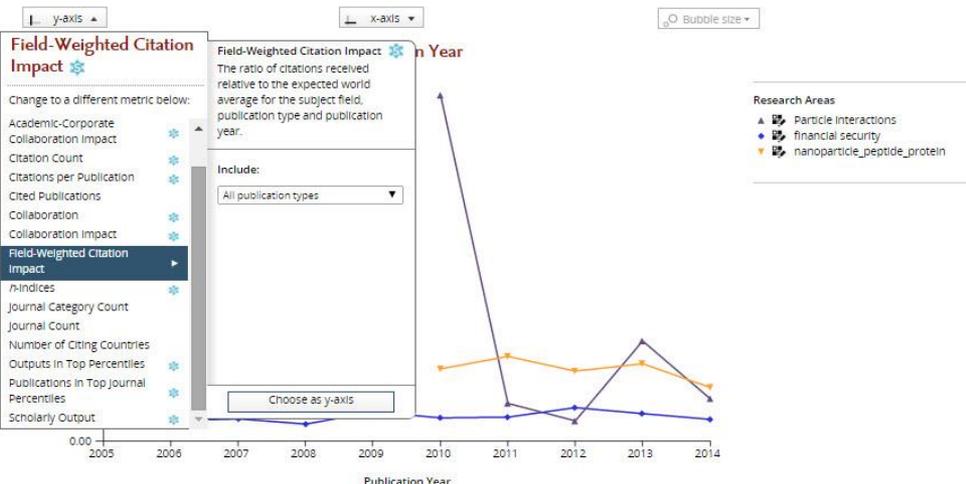
	Publications	Authors	Field-Weig
1. St. Petersburg State University	2	1	3.49
2. ESSEC Business School	1	1	0.00
3. University of Calabria	1	1	0.49
4. RAS	1	1	6.97
5. St. Petersburg State Polytechnical University	1	2	0.00
6. Islamic Azad University	1	2	0.00

- Benchmarking**
- Collaboration
- Trends
- My SciVal

Benchmarking

Source: Scopus data up to 02 Feb 2015 | 2005 to 2014 | no filter selected

Chart Table Export



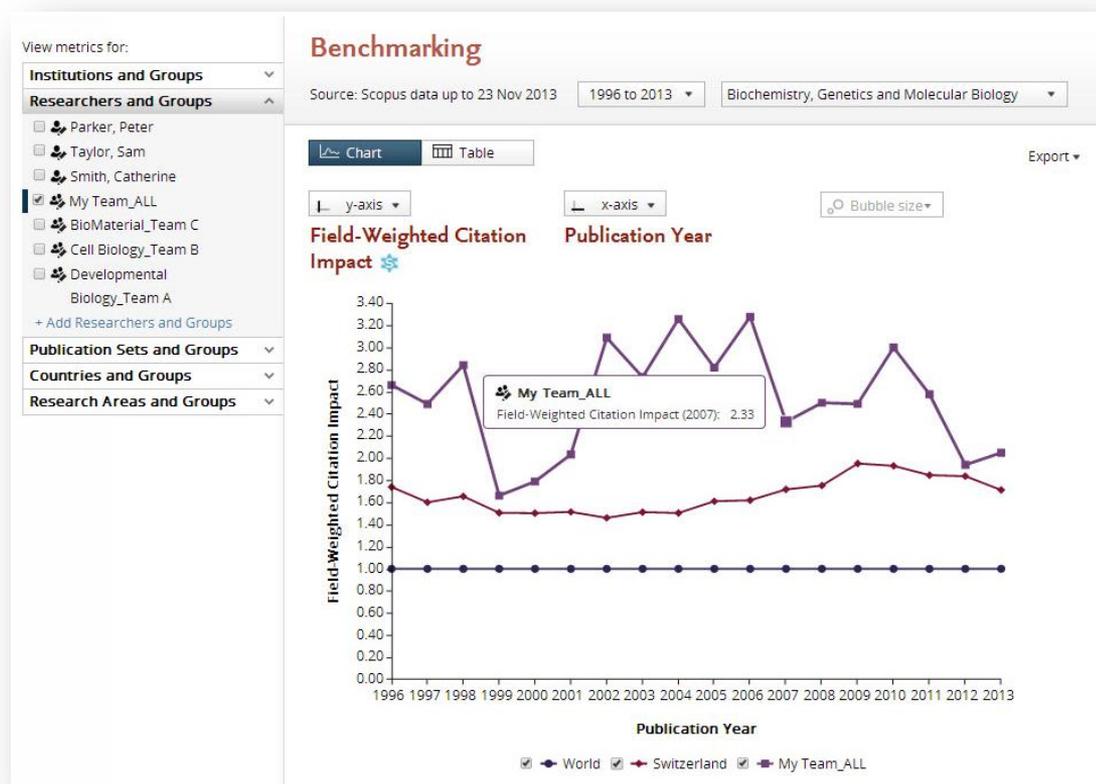
Уникальная возможность создавать любую исследовательскую область (набор публикаций на основе ключевых слов, или принадлежащих конкретной организации или на основе компетенций любой организации и т.п.) позволяет не только проанализировать эту область, но и изучить тренды, сравнить ее по метрикам с другими областями и найти потенциальных партнеров для сотрудничества именно по данной исследовательской области!

Исследователи и группы исследователей

Выделение исследователей и групп исследователей

Возможность моделирования сценария “что, если” путем создания группы исследователей и анализ их результативности в сравнении с коллегами

Для создания центра превосходства (centre of excellence) я хочу рассмотреть различные сценарии его создания. Какие идеи мне может подсказать SciVal?



Определение ваших исследователей

 When you combine author name variants these changes will be reflected in Scopus within 2 weeks.

Do you want to review the list of publications that will be sent to Scopus?

Когда вы объединяете варианты фио автора эти изменения будут отражены в Scopus в течение 2-х недель.

Define a new Researcher 

Combine author name variants into a single researcher

STEP 1: Search STEP 2: Select **STEP 3: Review** STEP 4: Save

Review list of publications associated with this Researcher

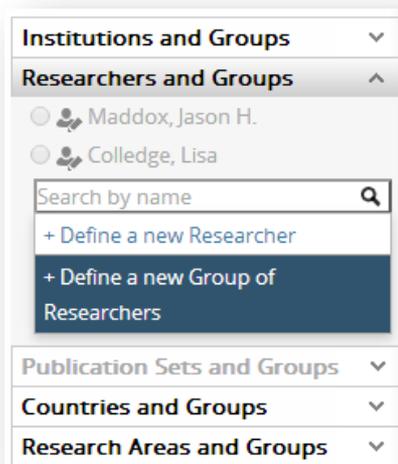
32 (of which 29 are from 1996 or later) publications associated with your selected author name variants.

<input checked="" type="checkbox"/>	Publication Title	Author(s)	Date	Source Title
<input checked="" type="checkbox"/>	Hepatitis B virus genotype C encoding resistance mutations that emerge during adefovir dipivoxil therapy: In vitro replication phenotype View in Scopus Show abstract	Li, W., Warner, N., Sozzi, V., Yuen, L., Colledge, D., Li, T., Zhuang, H., Locarnini, S., Revill, P.A.	2013	Hepatology International 7 (2), pp. 443
<input checked="" type="checkbox"/>	In vitro replication phenotype of a novel (-1G) hepatitis B virus variant associated with HIV co-infection View in Scopus Show abstract	Cabuang, L.M., Shaw, T., Littlejohn, M., Colledge, D., Sozzi, V., Soppe, S., Warner, N., Thompson, A., (...), Revill, P.A.	2012	Journal of Medical Virology 84 (8), pp. 1166
<input checked="" type="checkbox"/>	The hepatitis B e antigen suppresses IL-1β-mediated NF-κB activation in hepatocytes View in Scopus Show abstract	Wilson, R., Warner, N., Ryan, K., Selleck, L., Colledge, D., Rodgers, S., Li, K., Revill, P., Locarnini, S.	2011	Journal of Viral Hepatitis 18 (10)

Can't see a publication you think should be here? - [Search for missing publications](#)

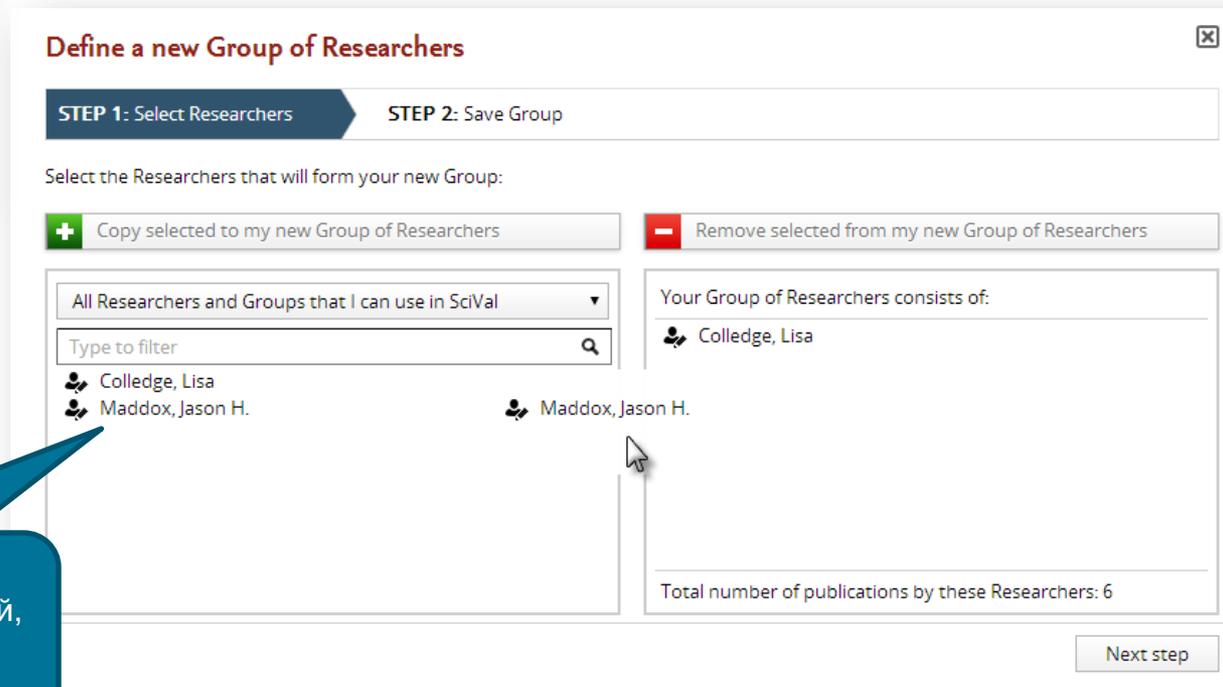
Вы также можете просмотреть список публикаций объединенного профиля для уточнения, который будет отправлен в Scopus для дальнейшей корректировки.

Создание группы исследователей



Выбираете "Define a new Group of researchers"

Создание группы исследователей возможно путем выборки и объединения интересующих исследователей.



Выбираете и перетаскиваете интересующих исследователей, нажимаете "Next step" и сохраняете.

Импорт группы исследователей

Import Researchers ✕

STEP 1: Upload
STEP 2: Refine authors
STEP 3: Save

- 56 names are exact matches for 56 authors in Scopus. You can import these authors immediately into SciVal.
- 50 names from your file matched two or more authors in Scopus. To import them into SciVal, you need to refine each author.
- 2 names were not found in Scopus. You can [download a file](#) of the names, and upload the new file with any fixes.

56 Matched authors

- [Aachmann, Finn Lillelund](#)
- [Antoft, Rasmus](#)
- **Aachmann, Finn Lillelund**
- Scopus author ID: 6507696137 | [View in Scopus](#)
- Publications: 36
- Norges Teknisk-Naturvitenskapelige Universitet
- [Jansson, Finn Lillelund](#)
- [Ketteridge, Rasmus](#)

50 Suggested authors

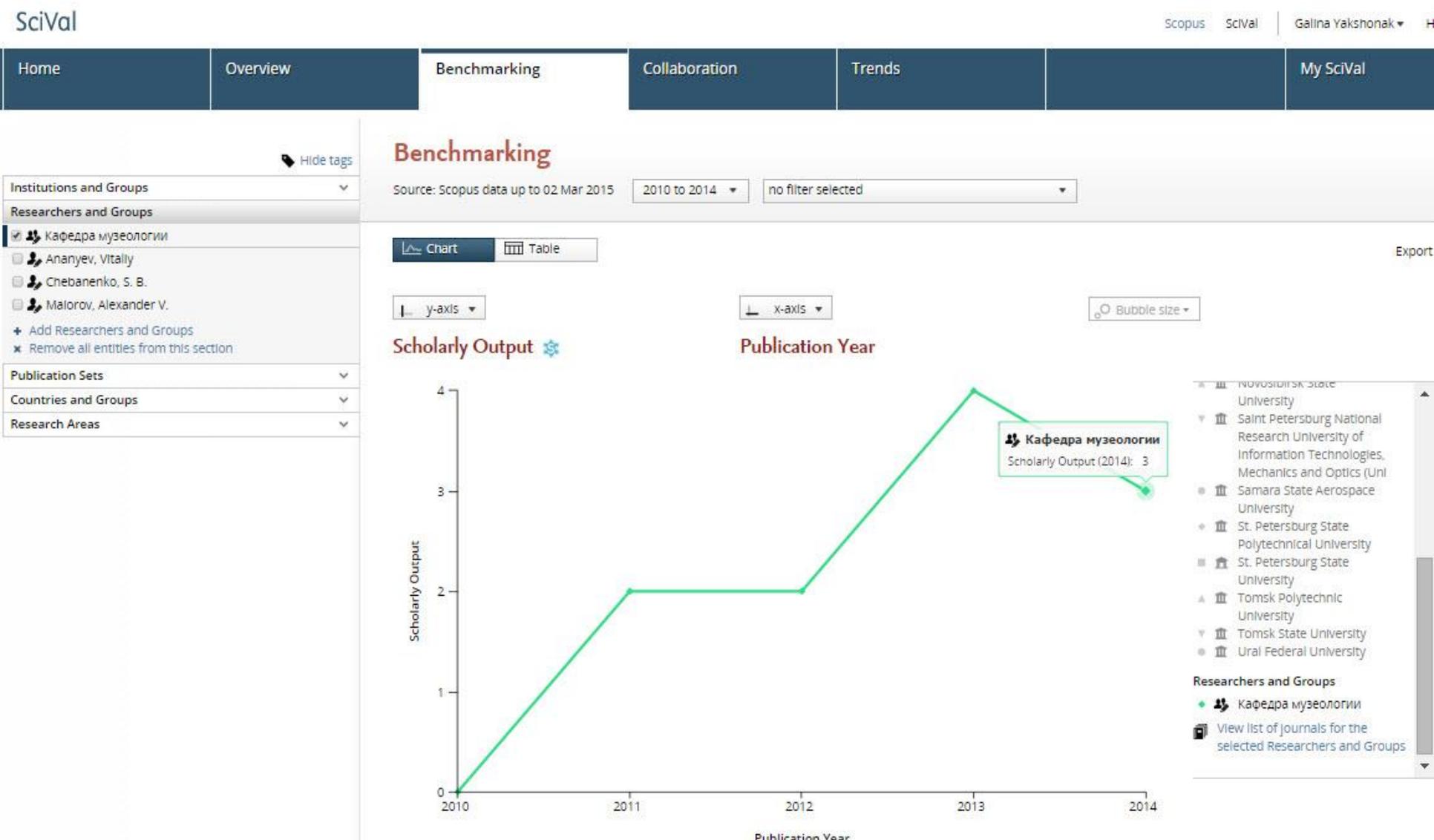
- [Adams, Guy](#) [Refine](#)
- [Castillo, Rolando](#) [Refine](#)
- [Engreen, Lise-Lotte](#) [Refine](#)
- [Faholt, Dorte](#) [Refine](#)
- [Fryc, Guy](#) [Refine](#)
- [Garcia, Rolando](#) [Refine](#)
- [Hampson, Lise-Lotte](#) [Refine](#)
- [Holt, Dorte](#) [Refine](#)
- [Settle, Guy](#) [Refine](#)
- [Stout, Rolando](#) [Refine](#)

2 authors not found

- [Drake, Nick](#)
- [Presely, Elvis](#)

Previous step
Next step

Возможность анализа по различным метрикам, как на уровне индивидуальных исследователей, так и на уровне групп



My SciVal и экспорт данных

My SciVal

Возможности просмотра, редактирования и распространения среди коллег ваших самостоятельно созданных исследовательских групп, наборов публикаций и областей исследований.

SciVal Scopus | SciVal | Galina Yakshonak | Help

Home | Overview | Benchmarking | Collaboration | Trends | **My SciVal**

Due to maintenance, if you have recently created research areas, publication sets, groups of institutions and researchers, you may experience a delay in their availability in SciVal. We are sorry for any inconvenience.

- My SciVal**
- Institutions and Groups
 - Researchers and Groups**
 - Publication Sets
 - Countries and Groups
 - Research Areas

Researchers and Groups

Type to filter All All entities you can use in SciVal All tags

Add to entity selection panel Add tags Delete Define a new entity

<input type="checkbox"/>	Name	Tags
<input type="checkbox"/>	Ananyev, Vitaliy	
<input type="checkbox"/>	Chebanenko, S. B.	
<input type="checkbox"/>	Malorov, Alexander V.	
<input checked="" type="checkbox"/>	Кафедра музеологии	

- Define a new Researcher
- Define a new Group of Researchers
- Define a new Group of Researchers from selection
- Import a list of Researchers

Edit your Group of Researchers

STEP 1: Select Researchers | STEP 2: Save Group

Add new Researchers (or Groups of Researchers) to your new Group, or remove existing members

Copy selected to my new Group of Researchers

All Researchers and Groups that I can use in SciVal

Type to filter

- Ananyev, Vitaliy
- Chebanenko, S. B.
- Malorov, Alexander V.
- Zhikh, Maksim I.

Remove selected from my new Group of Researchers

Кафедра музеологии

- Ananyev, Vitaliy
- Chebanenko, S. B.
- Malorov, Alexander V.

Edit Researcher Group

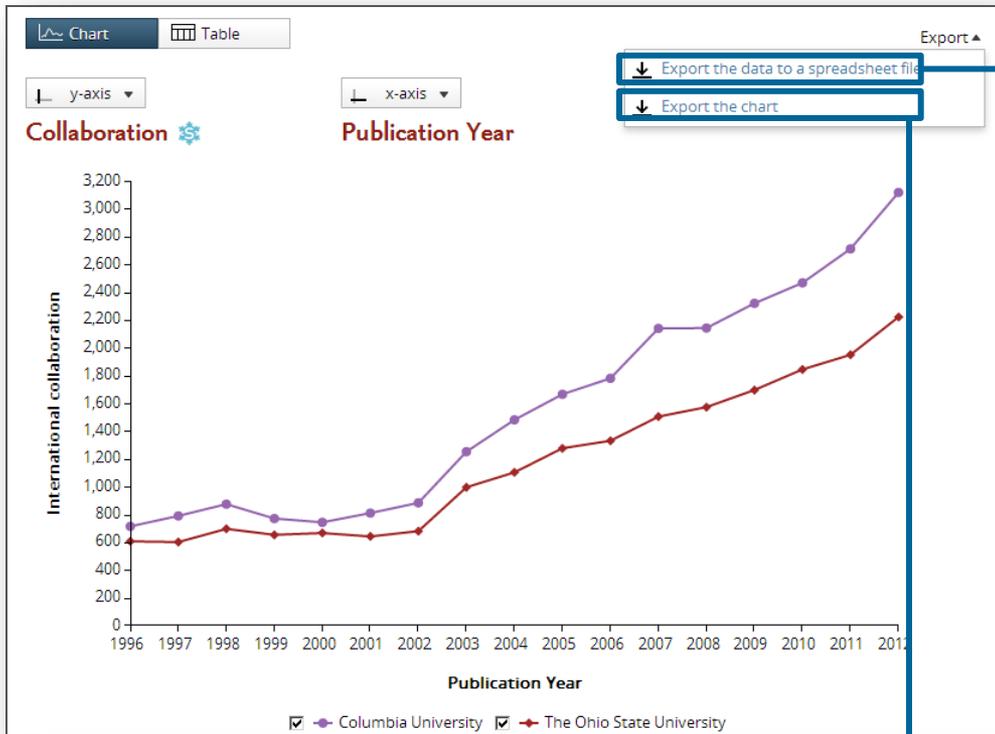
Change name

Change definition

Please note that in some cases a change of definition takes some time to process.

Экспорт графиков и таблиц

Данные могут экспортироваться из всех модулей в excel формате
 Экспорт графиков возможен в модуле Benchmarking (в виде картинок и excel)



‘Exporting the data to a spreadsheet file’ создает файл с данными в excel

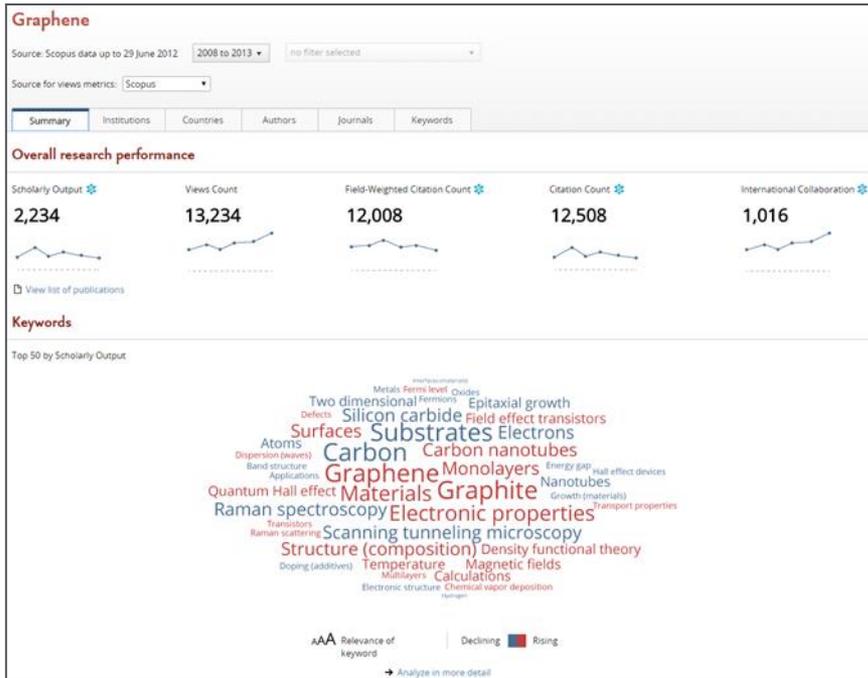
Name	Type	Compressed size	Password p...
Collaboration_by_year.jpg	JPEG image	108 KB	No
Collaboration_by_year.pdf	Adobe Acrobat Document	70 KB	No
Collaboration_by_year.png	PNG image	53 KB	No
Collaboration_by_year.svg	SVG File	4 KB	No

Name	Type	Compressed size	Password p...
Collaboration_by_year.jpg	JPEG image	108 KB	No
Collaboration_by_year.pdf	Adobe Acrobat Document	70 KB	No
Collaboration_by_year.png	PNG image	53 KB	No
Collaboration_by_year.svg	SVG File	4 KB	No

‘Exporting a chart’ создает zip файл с картинками в разных форматах

Модуль Trends

Анализ трендов



Позволяет ответить на вопросы:

- Каковы развивающиеся тренды и основные разработки в определенной исследовательской области?
- Какие страны, организации и ученые активны в этих направлениях?
- Чьи результаты растут быстрее?
- Чьи результаты лучше?



Модуль трендов включает метрики по использованию информации, которые помогают:

- отслеживать самые свежие направления деятельности
- выявлять точки роста, которые не всегда можно выявить через анализ цитируемости

- Summary
- Institutions
- Countries
- Authors
- Journals
- Keyphrases

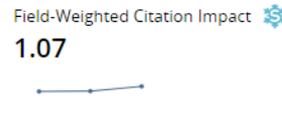
Overall research performance

Export ▼

Metals and Alloys

Source: Scopus data up to 16 Mar 2015

2012 to 2014 ▼



Keyphrase analysis

Top 50 keyphrases by relevance, based on 85,447 publications | [Learn about keyphrase calculations](#)



AAA relevance of keyphrase | declining growing (2012-2013)

Metals and Alloys

Source: Scopus data up to 16 Mar 2015

2012 to 2014 ▼

no filter selected ▼

Summary

Institutions

Countries

Authors

Journals

Keyphrases

Top keyphrases

Export ▼

Top 50 keyphrases by relevance, based on 85,447 publications | [Learn about keyphrase calculations](#)AAA Relevance | declining  growing (2012-2013) Titanium alloys Alloys Microstructure Steel Mechanical properties Synthesis (chemical) Aluminum Aluminum alloys Metals Temperature Solidification

Chart

Top contributors

Top contributors to the Research Area for the selected keyphrases:

Institutions

Top 5 by Scholarly Output

Northwestern Polytechnical University Xian	105
Harbin Institute of Technology	66
Central South University	54
Northwest Institute for Nonferrous Metal Research	41
Beijing Institute of Aeronautical Materials	39

Countries

Top 5 by Scholarly Output

China	681
United States	90
Japan	85
Russian Federation	67
United Kingdom	61

Top 100 Institutions in this Research Area, by Scholarly Output

Worldwide ▾

All sectors ▾

← Filter for more (regional) detail

Size: Scholarly Output  ▾

 total value

Color: Views Count ▾

 total value



SciVal – это решение для повышения конкурентоспособности в научно-исследовательской деятельности, ее стратегического планирования, мониторинга и эффективного выполнения, позволяет экономить время на сбор информации по разным департаментам и документам

Немедленный доступ к просмотру и анализу мировых исследований с целью:

- Изучения своих результатов и выявления своих компетенций и достоинств
- Сравнительного анализа по разным наборам данных (от стран, организаций до исследовательских тем и групп)
- Моделирования сценариев работы виртуальных групп и результатов по вновь возникающим исследовательским темам
- Определения партнеров для сотрудничества (от локального до международного)
- Еженедельного отслеживания динамики и мониторинга изменений на рынке



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NON SOLUS

Elsevier B.V. входит в состав холдинга [Reed Elsevier](#) (FT 500) и является мировым лидером в обеспечении информационными решениями науки, образования и бизнеса

Scopus ScienceDirect

О нас

Наука и образование

Бизнес

События

Контакты

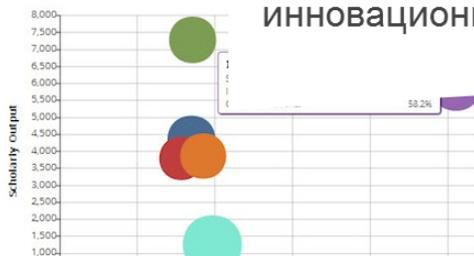
Chart Table

y-axis

Scholarly Output

SciVal

Новое поколение
инновационных решений



НОВОСТИ И СОБЫТИЯ

16.04.14 [Лекция Хэнка Муда \(Henk Moed\) по библиометрии](#)

13.02.14 [Доступны материалы вебинара "Тренинг по работе с ScienecDirect и Scopus"](#)

Вебинары были организованы для участников Южного регионального консорциума

12.02.14 [Приглашаем на вебинар по altmetrics "Librarians & altmetrics: Tools, tips and use cases"](#)

Вебинар состоится 20 февраля, начало в 11:00 (по Североамериканскому восточному времени)

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