

Elsevier Research Intelligence

Новый SciVal – многоуровневый инструмент анализа, мониторинга и планирования научно-исследовательской деятельности

Галина П. Якшонок

г. Самара

17 сентября 2014

g.yakshonak@elsevier.com

www.elsevierscience.ru

Как получить доступ к SciVal

Доступ: www.scival.com

SciVal

Login

SciVal is a ready-to-use solution with unparalleled power and flexibility, which enables you to navigate the world of research and devise an optimal plan to drive and analyze your performance.

New to SciVal? Find out what the new generation of SciVal can do for you.

Login using your Elsevier credentials

Username:

Password:

Remember me

[Forgotten your username or password?](#)

If not, [Register Now](#)

Ссылка для создания нового login

Могут быть использованы те же UN и PW, что и для ScienceDirect/Scopus

Если вы забыли username или password

Register

Registration is quick and free. It allows you to personalize these Elsevier Products. If you have access. For example, you can receive alerts with Search Alerts and Document Citation Alerts or keep track of your research with Saved Searches. Requires holds.

Create a unique log in to use in Elsevier products

Your details

[Privacy policy](#)

First name:

Family name:

Email and password

Enter a password between 8 and 20 characters. Your e-mail address will be your username.

E-mail address:

Password:

Confirm password:

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](#).

Модуль Overview



Визуализация результатов исслед. деятельности

Готовая к просмотру картина по стране или группе включает:

- 4,600 организаций и группы
- 220 стран и группы
- Исследователей и группы
- Области исследований и группы

SciVal
SciVal User Help

Home

Overview

Benchmarking

Collaboration

My SciVal

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

Northwestern University

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

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

Summary

Publications

Citations

Collaboration

Competencies

Overall research performance

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

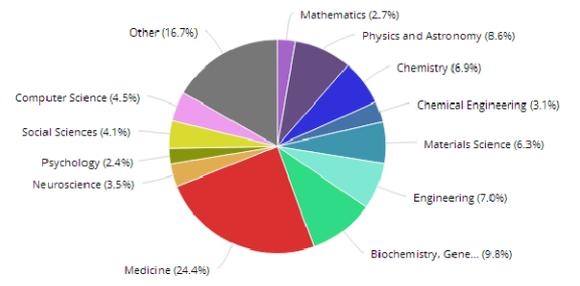
[View list of publications](#)

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., Perreault, E.J., Billmorla, K.Y.
Graphene - 7 April 2014	57 ▲	3,633	93 ▲	Huang, J., Cote, L.J., Kim, J.

Performance by Journal Category

Pie chart
Table



Top authors

Export

Top 5 authors at Northwestern University, by number of publications

	Publications	Citations	h-index *
Anastassov, A.	406	8,236	60
Schmitt, M.	358	7,890	62
Kanatzidis, M.G.	246	4,934	60
Stoynev, S.	246	5,885	41
Kubik, A.	238	5,728	35

* h-index is based on an author's publications from 1996 onwards

Top collaborating Institutions

Export Shortcuts

by number of publications co-authored with Northwestern University

Institution	Co-authored publications	Citations received for co-authored publications	Co-authors
1. US Harvard University	1,612 ▲	34,457	2,229 ▲
2. US Johns Hopkins University	1,275 ▲	31,500	1,293 ▲
3. US University of Chicago	1,271 ▲	23,032	1,528 ▲
4. US University of Illinois at Chicago	1,250 ▲	16,763	1,206 ▲
5. US University of California at Los Angeles	1,234 ▲	28,703	1,200 ▲
6. US University of Michigan	1,130 ▲	22,785	1,004 ▲
7. US Argonne National Laboratory	1,020 ▲	17,598	767 ▲
8. US University of Wisconsin	910 ▲	19,851	919 ▲
9. US University of Washington	895 ▲	23,025	899 ▲



Изменение временного периода и предметной области

SciVal SciVal User Help

Home Overview Benchmarking Collaboration My SciVal

View overview of:

Institutions and Groups

- Northwestern University
- University of Geneva
- Peking University
- University of Cambridge
- Arizona

Researchers and Groups

Publication Sets and Groups

Countries and Groups

Research Areas and Groups

Northwestern University

United States | Scopus affiliation ID: 60001590 [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
35,859 ▲	20,929 ▲	349,762	9.8

[View list of publications](#)

Performance by Research Area Export Shortcuts

Research Area	Publications	Citations	Authors	Most published authors
Heart failure and rehabilitation - 7 April 2014	605	6,620	521 ▲	Rymer, W.Z., Perreault, E.J., Billimoria, K.Y.
Graphene - 7 April 2014	57 ▲	3,633	93 ▲	Huang, J., Cote, L.J., Kim, J.

Performance by Journal Category Export

Pie chart Table

Journal Category	Percentage
Medicine	24.4%
Blochemistry, Gene...	9.8%
Mathematics	2.7%
Physics and Astronomy	8.6%
Chemistry	6.9%
Chemical Engineering	3.1%
Materials Science	6.3%
Engineering	7.0%
Other	16.7%
Computer Science	4.5%
Social Sciences	4.1%
Psychology	2.4%
Neuroscience	3.5%

3 years	2011 to 2013
3 years + current year	2011 to 2014
3 years + current year + beyond current year	2011 to >2014
5 years	2009 to 2013
5 years + current year	2009 to 2014
5 years + current year + beyond current year	2009 to >2014

Варианты лет

- ▼ 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)



Overview

Обзор и по другим организациям

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 4,600 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 Benchmarking Collaboration My SciVal

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: 60000600... Show all

Source: Scopus data up to 19 Mar 2014 | 2009 to 2013 | no filters 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
Other	19.2%
Physics and Astronomy	5.9%
Engineering	2.5%
Earth and Planetary Sciences	5.0%
Agricultural and Biological Sciences	0.1%



Overview

Получение всестороннего обзора и изучение деталей

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

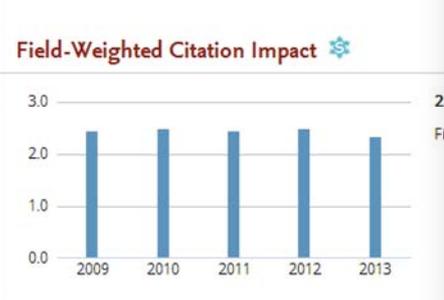
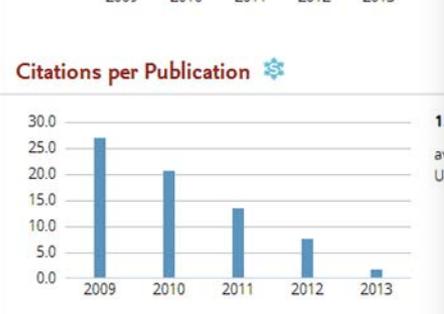
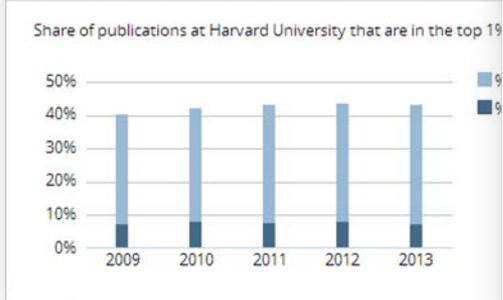
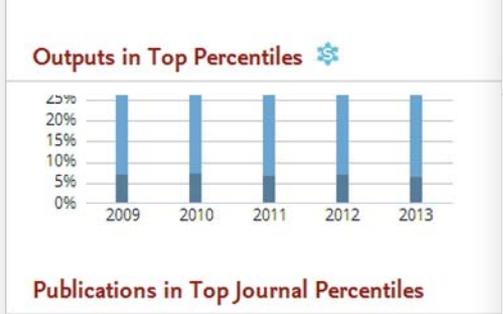
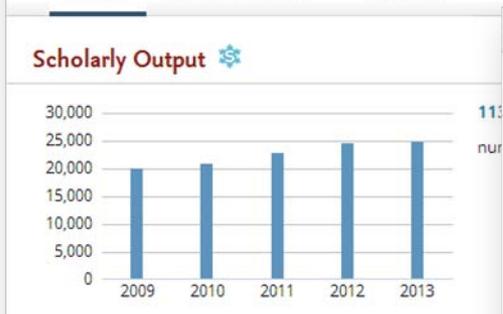
Harvard University

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



Collaboration

Publication output of Harvard University, by amount of international, national, and institutional co-authorship

- International collaboration**
43,564 publications (38.4%) were co-authored with Institutions in other countries
Citations per Publication: 17.1
- National collaboration**
35,233 publications (31.0%) were co-authored with other Institutions in the United States, but not with Institutions in other countries
Citations per Publication: 14.1
- Institutional collaboration**
23,637 publications (20.8%) were co-authored with others at Harvard University, but not with other Institutions
Citations per Publication: 9.9
- Single authorship**
11,084 publications (9.8%) were not co-authored but had a single author
Citations per Publication: 4.7

Academic-Corporate Collaboration

- Academic-corporate collaboration**
4,083 publications (3.6%) had one or more authors with both academic and corporate affiliation
Citations per Publication: 31.3
- No academic-corporate collaboration**
109,435 publications (96.4%) did not have authors with both academic and corporate affiliation
Citations per Publication: 12.8



Overview

Определение исследовательских компетенций и междисциплинарных исследовательских тем



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

Competency DC #1

Stroke; Muscles; Rehabilitation

Based on an analysis of publications over the period 2008-2012, ScVal has identified **DC #1** as a distinctive competency of Northwestern University. See why this field is a distinctive competency of Northwestern University.

Articles published in this field (2008-2012)

	Articles	Annual growth	Citations
Articles published worldwide	9,305	+ 4.6%	48,038
Articles published in the United States	3,459	+ 2.9%	23,531
Articles published at Northwestern University	440	+ 2.9%	2,823

Show the contribution to this field from:

- Northwestern University
- all contributing institutions worldwide

Top keywords for Northwestern University

- Muscles
- Stroke
- Biomechanics
- Torque
- Muscle, Skeletal
- Reflex
- Joints
- Electromyography
- Rehabilitation
- Humans

Top authors from Northwestern University

- Rymer W.Z.
- Perreault E.J.
- Heckman C.J.
- Dewald J.P.A.
- Kemper D.G.
- Mussa-Ivaldi F.A.
- Zhang L.
- Hansen A.H.
- Knikou M.
- Hornby G.G.

Top disciplines for Northwestern University

- Rehabilitation
- General Neuroscience
- Neurology (clinical)
- Biomedical Engineering
- Orthopedics and Sports Medicine

Top journals for Northwestern University

- Journal of Neurophysiology
- Proceedings of the Annual Internation...
- Experimental Brain Research
- Journal of Rehabilitation Research an...
- Proceedings of the 31st Annual Intern...

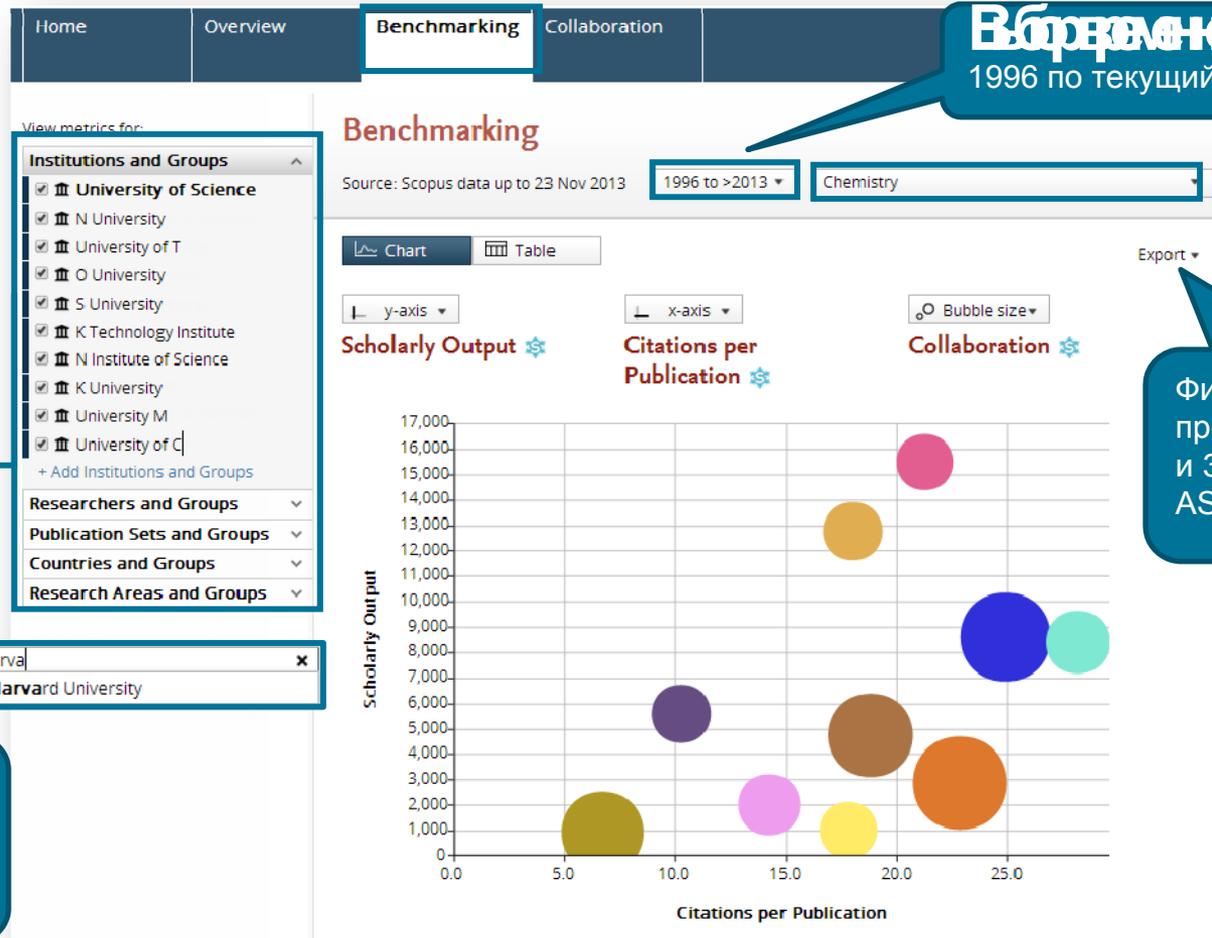
Модуль Benchmarking



Benchmarking

Определение эффективности вашего прогресса

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



Выбор времени отрезка
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)



Benchmarking

Комбинация различных наборов метрик

Просмотр в виде графиков или таблицы.

Выбор любой комбинации метрик из вариативного пула

Home Overview **Benchmarking** Collaboration My SciVal

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

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
- 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

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

Возможный набор метрик

Детальное изучение данных о вас 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 viewing or calculation options. Say that this entity has received 6 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					
Cited by Publication B		Yes				
Cited by Publication C	Yes	Yes				
Cited by Publication D	Yes	Yes	Yes			
Cited by Publication E	Yes	Yes		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	Institution	Country
Publication A	A1	B4	CF
Publication B	A1	D1	CF
	A1	D1	CF
Publication C	A1	D1	CF
	A1	D1	CF
Publication D	A1	D1	CF
	A1	D1	CF
Publication E	A1	D1	CF
	A1	D1	CF
Publication F	A1	D1	CF
	A1	D1	CF

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; how do the citations received by this entity's publications compare 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, 1.15 means 15% 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 3 ways:
 - "Journal-driven" assignment assumes that every publication within a journal fits within the same discipline(s) as the journal's scope. Each publication automatically adopts the subject classifications that are assigned to the journal. This method of assignment is suitable for journals that are focused in a core field, and do not tend 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 P belongs to both in both parasitology and microbiology, it should not have double the influence of a publication that belongs to only one of the other sub-category. This is accounted for in SciVal by distributing publication and citation counts equally across multiple journal category publications P would be counted as 0.5 publications for each of parasitology and microbiology, and its citations 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>

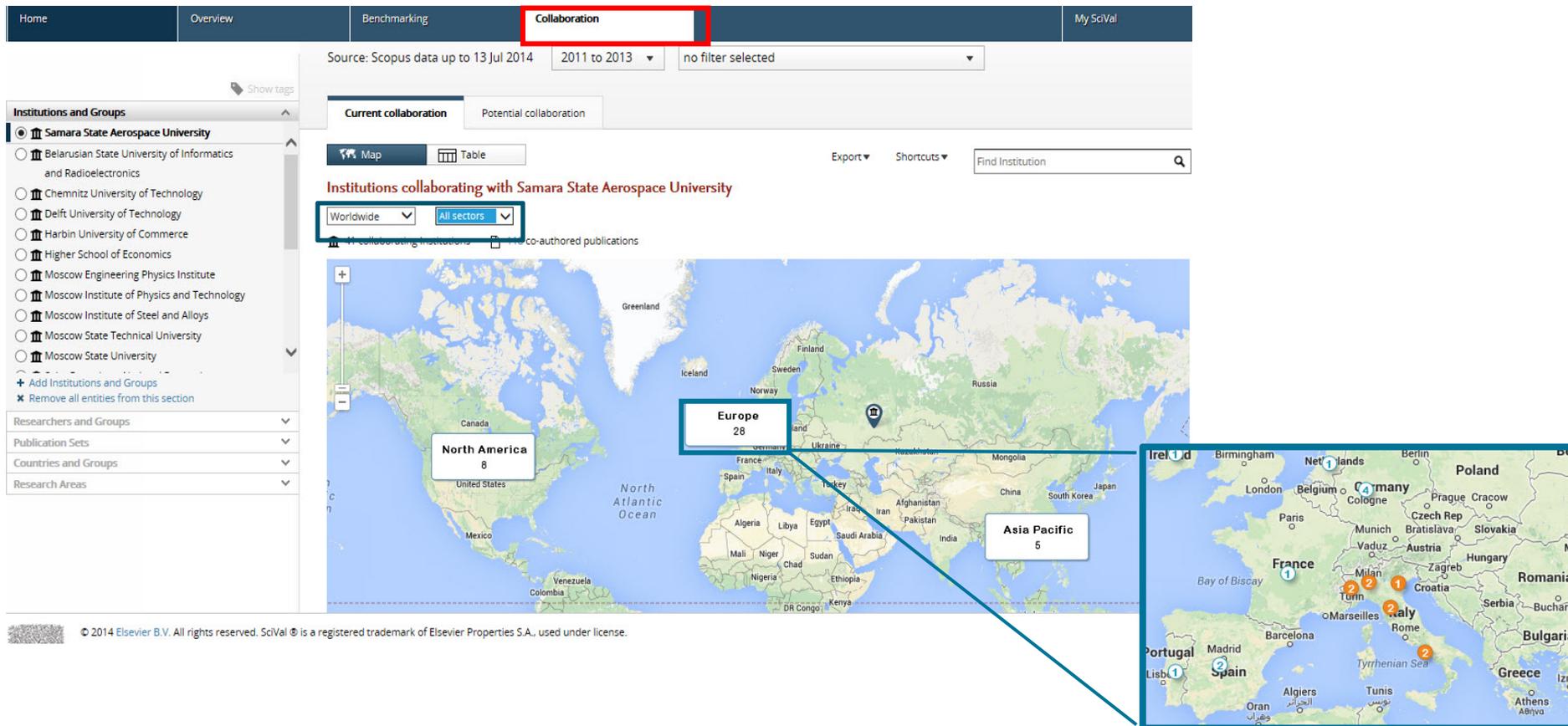
Модуль Collaboration



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 collaboration

Map | **Table**

Export | Shortcuts

Find Institution

Institutions collaborating with Samara State Aerospace University

Europe | **Germany** | All sectors

4 collaborating Institutions | 7 co-authored publications

Institution	Co-authored publications	Co-authors at Samara State Aerospace University	Co-authors at the other institution	Citations
Lasert Zentrum Hannover E.V.	4	5	4	4
Universitat Stuttgart	1 ▲	1 ▲	2 ▲	1
University of Hamburg	1 ▼			
University of Regensburg	1 ▲			

Collaboration with Lasert Zentrum Hannover E.V.
Year range: 2011 to 2013

Overview | Current co-authors | Potential co-authors

Samara State Aerospace University	Lasert Zentrum Hannover E.V.
5 co-authors with Lasert Zentrum Hannover E.V.	4 co-authors with Samara State Aerospace University
Total output of this institution	Total output of this institution
Citations: 419	Citations: 4
Citations per Publication: 1.3	Citations per Publication: 1.0
Field-weighted Citation Impact: 0.68	Field-weighted Citation Impact: 0.00
Publications: 329 +	Publications: 453 +
Authors: 285 +	Authors: 215 +

Co-authored publications by Journal Category

Physics and Astronomy | Engineering | Materials Science | Chemistry | Computer Science | Mathematics | Earth and Planetary Science... | Chemical Engineering | Energy | Medicine | Environmental Science

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.

Collaboration with the University of Illinois at Chicago X

Year range: 2011 to 2013 Export ▾ Shortcuts ▾

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

Northwestern University

Co-authors with the University of Illinois at Chicago

Author	Co-authored publications	Citations ▾
▶ Stoynev, S.	206	4,811
▶ Odell, N.	205	4,804
▶ Anastassov, A.	205	4,792
▶ Kubik, A.	204	4,787
▶ Pozdnyakov, A.	198	4,726
▶ Schmitt, M.	191	4,757
▶ Pollack, B.	191	4,709
▶ Velasco, M.	189	4,768
▶ Ofierzynski, R.A.	176	4,745
▶ Mucia, N.	157	2,317
▶ Won, S.	132	4,312
▶ Welty-Rieger, L.	104	1,429
▶ Schellman, H.	103	1,514
▶ Lusito, L.	55	1,411

University of Illinois at Chicago

Co-authors with Northwestern University

Author	Co-authored publications	Citations ▾
▶ Bazterra, V.E.	308	6,189
▼ Gerber, C.E.	289	6,064

60 co-authors at Northwestern University (top 10 shown) X

1. Anastassov, A.	184	4,574
2. Odell, N.	184	4,574
3. Stoynev, S.	184	4,574
4. Kubik, A.	183	4,569
5. Pozdnyakov, A.	182	4,566
6. Pollack, B.	171	4,481
7. Schmitt, M.	169	4,520
8. Velasco, M.	167	4,531
9. Ofierzynski, R.A.	154	4,508
10. Mucia, N.	137	2,134

▶ Varelas, N.	288	5,992
▶ Adams, M.	273	5,954



Collaboration

Изучение потенциальных возможностей для сотрудничества

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

Collaboration by Samara State Aerospace University

Russian Federation | More details on this institution

Source: Scopus data up to 13 Jul 2014

2011 to 2013

Samara aerospace Univ_DC2

Current collaboration

Potential collaboration

Map

Table

Export

Shortcuts

Find institution

Institutions not yet collaborating with Samara State Aerospace University

Worldwide

All sectors

342 not yet collaborating institutions



Samara aerospace Univ_DC2

no filter selected

Samara aerospace Univ_DC2

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
- ▶ Neuroscience
- ▶ Nursing
- ▶ Pharmacology, Toxicology and Pharmaceutics
- ▶ Physics and Astronomy
- ▶ Psychology
- ▶ Social Sciences
- ▶ Veterinary

Готовое решение с уже созданными объектами/данными

В SciVal есть готовые данные по 4,600 организациям и 220 странам, и дополнительная возможность для группировки этих данных по необходимости.

Готовые данные & Создание своих



Institutions (+ groups)



Countries (+ groups)



Research Areas

- Search terms
- Entities
- Competencies



Researchers (+ groups)



Publication sets (+ groups)

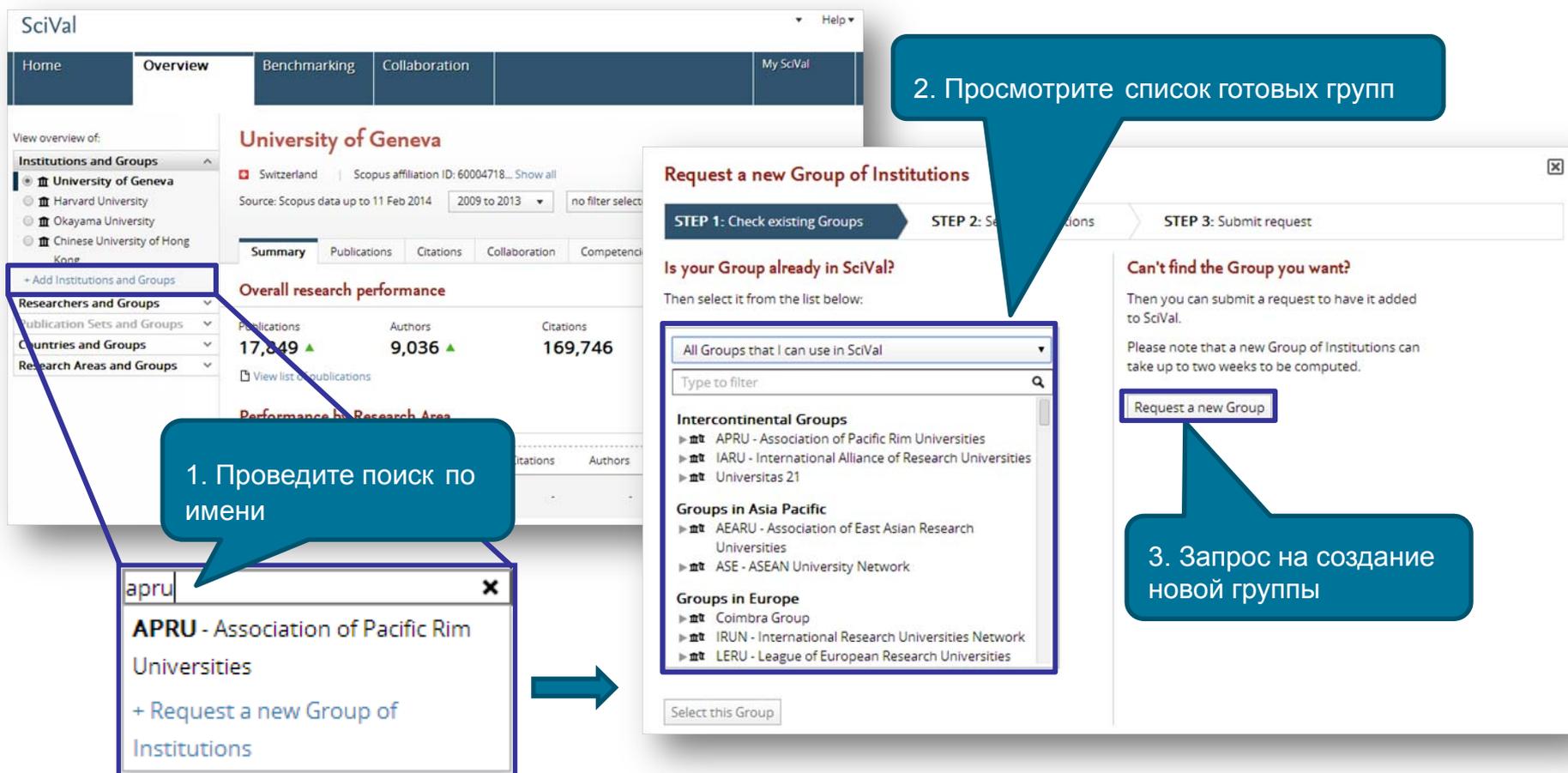
- Доступ к готовым данным 4600+ орг, 250 странам и группам (напр. EU28, US states, German Bundesländer, Russell группа и др.)
- Возможность создания любой группировки данных, группы исследователей, группы по выборке публикаций

Группы организаций и стран

Группы организаций

SciVal позволяет:

- просматривать данные по уже существующим группам организаций
- создавать любую другую группу организаций по желанию



SciVal

Home Overview Benchmarking Collaboration My SciVal Help

View overview of:

Institutions and Groups

- University of Geneva
- Harvard University
- Okayama University
- Chinese University of Hong Kong

University of Geneva

Switzerland | Scopus affiliation ID: 60004718... Show all

Source: Scopus data up to 11 Feb 2014 | 2009 to 2013 | no filter selected

Summary Publications Citations Collaboration Competence

Overall research performance

Publications	Authors	Citations
17,049 ▲	9,036 ▲	169,746

Performance by Research Area

Request a new Group of Institutions

STEP 1: Check existing Groups | STEP 2: Select institutions | STEP 3: Submit request

Is your Group already in SciVal?

Then select it from the list below:

All Groups that I can use in SciVal

Type to filter

Intercontinental Groups

- APRU - Association of Pacific Rim Universities
- IARU - International Alliance of Research Universities
- Universitas 21

Groups in Asia Pacific

- AEARU - Association of East Asian Research Universities
- ASE - ASEAN University Network

Groups in Europe

- Coimbra Group
- IRUN - International Research Universities Network
- LERU - League of European Research Universities

Select this Group

Can't find the Group you want?

Then you can submit a request to have it added to SciVal.

Please note that a new Group of Institutions can take up to two weeks to be computed.

Request a new Group

1. Проведите поиск по имени

2. Просмотрите список готовых групп

3. Запрос на создание новой группы

Группы организаций

Новая группы может быть создана в течение двух недель путем объединения существующих данных=организаций.

Can't find the Group you want?

Then you can submit a request to have it added to SciVal.

Please note that a new Group of Institutions can take up to two weeks to be computed.

Request a new Group

Request a new Group of Institutions

STEP 1: Check existing Groups

STEP 2: Select Institutions

STEP 3: Submit request

Select the Institutions that will form your new Group:

+ Copy selected to my new Group of Institutions

- Remove selected from my new Group of Institutions

All Institutions and Groups that I can use in SciVal

cancer

- 🏛️ Jiangsu Institute of **Cancer** Institute & Hospital
- 🏛️ Ludwig Institute for **Cancer** Research
- 🏛️ **Memorial Sloan-Kettering Cancer Center**
- 🏛️ National **Cancer** Center Hospital
- 🏛️ National **Cancer** Center Hospital East
- 🏛️ National **Cancer** Center Korea
- 🏛️ National **Cancer** Center Research Institute
- 🏛️ National **Cancer** Centre
- 🏛️ National **Cancer** Institute
- 🏛️ National Kyushu **Cancer** Center
- 🏛️ Netherlands **Cancer** Institute
- 🏛️ Peter Maccallum **Cancer** Centre
- 🏛️ Roswell Park **Cancer** Institute
- 🏛️ Russian Academy of Medical Sciences - N.N. Blokhin Russian **Cancer** Research Center

Your Group of Institutions consists of:

- 🏛️ Cancer Institute of New Jersey
- 🏛️ Aichi Cancer Center
- 🏛️ Cancer Research UK
- 🏛️ Institute of Cancer Research
- 🏛️ Instituto Nacional de Cancer
- 🏛️ National Cancer Center Korea
- 🏛️ Memorial Sloan-Kettering Cancer Center

Просто перетащите

Previous step

Next step

Группы организаций

Как только группа будет создана, данные по ней станут доступны в модулях Overview и Benchmarking.

Request a new Group of Institutions

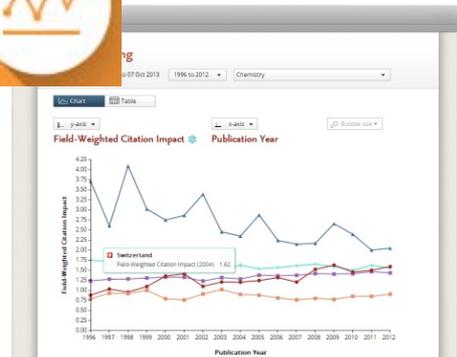
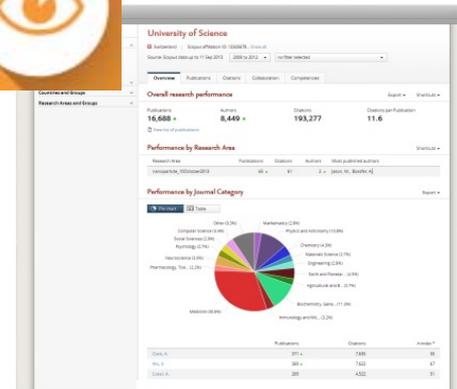
STEP 1: Check existing Groups
STEP 2: Select Institutions
STEP 3: Submit request

i This Group of Institutions can take up to two weeks to be computed. You will be notified when the Group is available.

Name your Group of Institutions:

Дайте имя группе

После подачи, ваша группа будет создана через 2 недели и данные по ней будут обновляться еженедельно.



Группы стран

SciVal позволяет:

- просматривать данные по уже существующим группам стран
- создавать любую другую группу стран по желанию

The screenshot displays the SciVal interface with the following elements:

- Navigation Bar:** Home, Overview, Benchmarking, Collaboration, My SciVal.
- Left Sidebar:** View overview of: Institutions and Groups, Researchers and Groups, Publication Sets and Groups, Countries and Groups (expanded to show Singapore, Israel, Sweden, China, Japan, Switzerland, United Kingdom, World).
- Main Content:** University of Geneva overview, including overall research performance (Publications: 17,849, Authors: 9,036, Citations: 169,746) and performance by research area.
- Modal Window: 'Request a new Group of Countries'**
 - STEP 1: Check existing Groups:** A search box 'Type to filter' with a dropdown 'All Groups that I can use in SciVal'. A list of 'World regions' (Africa, Asia Pacific, Europe, Middle East, North America, South America, World) and 'Intercontinental Groups' (3G, APEC, BRIC, BRICS) is shown.
 - STEP 2:** A callout points to the search results area.
 - STEP 3: Submit request:** A 'Request a new Group' button is highlighted.
- Callouts:**
 - 1. Поиск по имени:** Points to the search input field where 'eu2' is entered, with a dropdown showing 'EU28 - European Union' and '+ Request a new Group of Countries'.
 - 2. Просмотр уже созданных групп:** Points to the list of existing groups in the modal.
 - 3. Запрос на создание новой группы:** Points to the 'Request a new Group' button.

Группы стран

Примеры уже созданных групп стран в SciVal:

Request a new Group of Countries ✕

STEP 1: Check existing Groups **STEP 2:** Select Countries **STEP 3:** Submit request

Is your Group already in SciVal?
Then select it from the list below:

All Groups that I can use in SciVal

Type to filter

- World regions**
 - Africa
 - Asia Pacific
 - Europe
 - Middle East
 - North America
 - South America
 - World
- Intercontinental Groups**
 - 3G - Global Growth Generators
 - APEC - Asia-Pacific Economic Cooperation
 - BRIC - Brazil, Russia, India, China
 - BRICS - Brazil, Russia, India, China, South

Select this Group

Can't find the Group you want?
Then you can submit a request to have it added to SciVal.
Please note that a new Group of Countries can take up to two weeks to be computed.

Request a new Group

World regions

Africa, Asia Pacific, Europe, Middle East, North America, South America, World

Intercontinental Groups

APEC, BRICS, E7, G20, League of Arab States, OECD and more

Groups in Europe

Baltic states, Benelux, CIS, Council of Europe, EU28 and more

Groups in Asia Pacific

ASEAN, China, Four Asian Tigers and more

Groups in North America

United States and Canada

Группы стран

Новая группа может быть создана в течение 2х недель путем объединения существующих данных=стран.

Can't find the Group you want?

Then you can submit a request to have it added to SciVal.

Please note that a new Group of Countries can take up to two weeks to be computed.

Request a new Group

Request a new Group of Countries

STEP 1: Check existing Groups

STEP 2: Select Countries

STEP 3: Submit request

Select the Countries that will form your new Group:

+ Copy selected to my new Group of Countries

- Remove selected from my new Group of Countries

All Countries and Groups that I can use in SciVal

Type to filter

China
Colombia
Comoros
Congo
Cook Islands
Costa Rica
Cote d'Ivoire
Croatia
Cuba
Cyprus
Czech Republic
Democratic Republic Congo
Denmark
Djibouti
Dominica

Перетащите
выбранную
страну

Your Group of Countries consists of:

DACH - Austria, Germany and Switzerland
Austria
Germany
Switzerland
United Kingdom
Japan
France
China

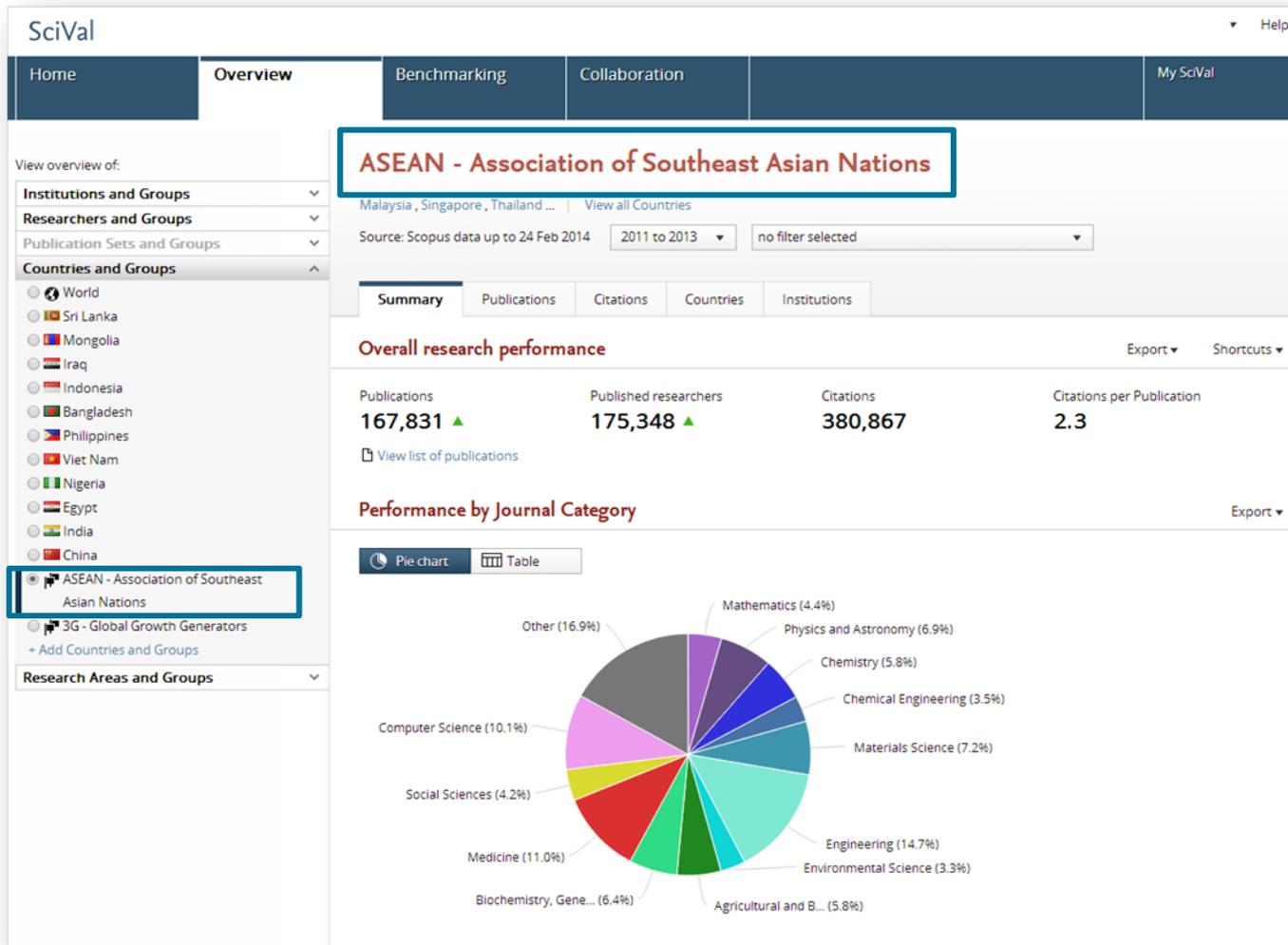
Дайте имя группе и подайте
запрос. В течение 2х недель
после подачи ваша группа
будет создана.

Previous step

Next step

Группы стран

Пользователи могут изучить агрегированные данные по группе стран и определить тренды...



Группы стран

Пример группы стран...

SciVal
▼ Help ▼

Home

Overview

Benchmarking

Collaboration

My SciVal

View overview of:

- Institutions and Groups ▼
- Researchers and Groups ▼
- Publication Sets and Groups ▼
- Countries and Groups ▲

- World
- Sri Lanka
- Mongolia
- Iraq
- Indonesia
- Bangladesh
- Philippines
- Viet Nam
- Nigeria
- Egypt
- India
- China
- ASEAN - Association of Southeast Asian Nations
- 3G - Global Growth Generators
- + Add Countries and Groups

- Research Areas and Groups ▼

ASEAN - Association of Southeast Asian Nations

Malaysia , Singapore , Thailand ... | [View all Countries](#)

Source: Scopus data up to 24 Feb 2014 | 2011 to 2013 ▼ | no filter selected ▼

Summary

Publications

Citations

Countries

Institutions

Countries in the ASEAN - Association of Southeast Asian Nations

There are 10 Countries in the ASEAN - Association of Southeast Asian Nations: Export ▼

Country	Publications ▼	Citations	Authors
1. Malaysia	63,771 ▲	90,872	65,630 ▲
2. Singapore	49,740 ▲	193,194	42,237 ▲
3. Thailand	33,678 ▲	67,799	36,681 ▲
4. Indonesia	10,334 ▲	15,668	12,964 ▲
5. Viet Nam	8,422 ▲	17,192	10,582 ▲
6. Philippines	4,674 ▲	13,241	5,660 ▲
7. Cambodia	671 ▲	2,756	937 ▲
8. Brunei Darussalam	603 ▲	764	589 ▲
9. Laos	520 ▲	1,331	600 ▼
10. Myanmar	328 ▼	385	424 ▼



Группы стран

...с возможностью определить наиболее активные организации.

ASEAN - Association of Southeast Asian Nations

Malaysia , Singapore , Thailand ... | [View all Countries](#)

Source: Scopus data up to 24 Feb 2014 | 2011 to 2013 | no filter selected

Summary | Publications | Citations | Countries | **Institutions**

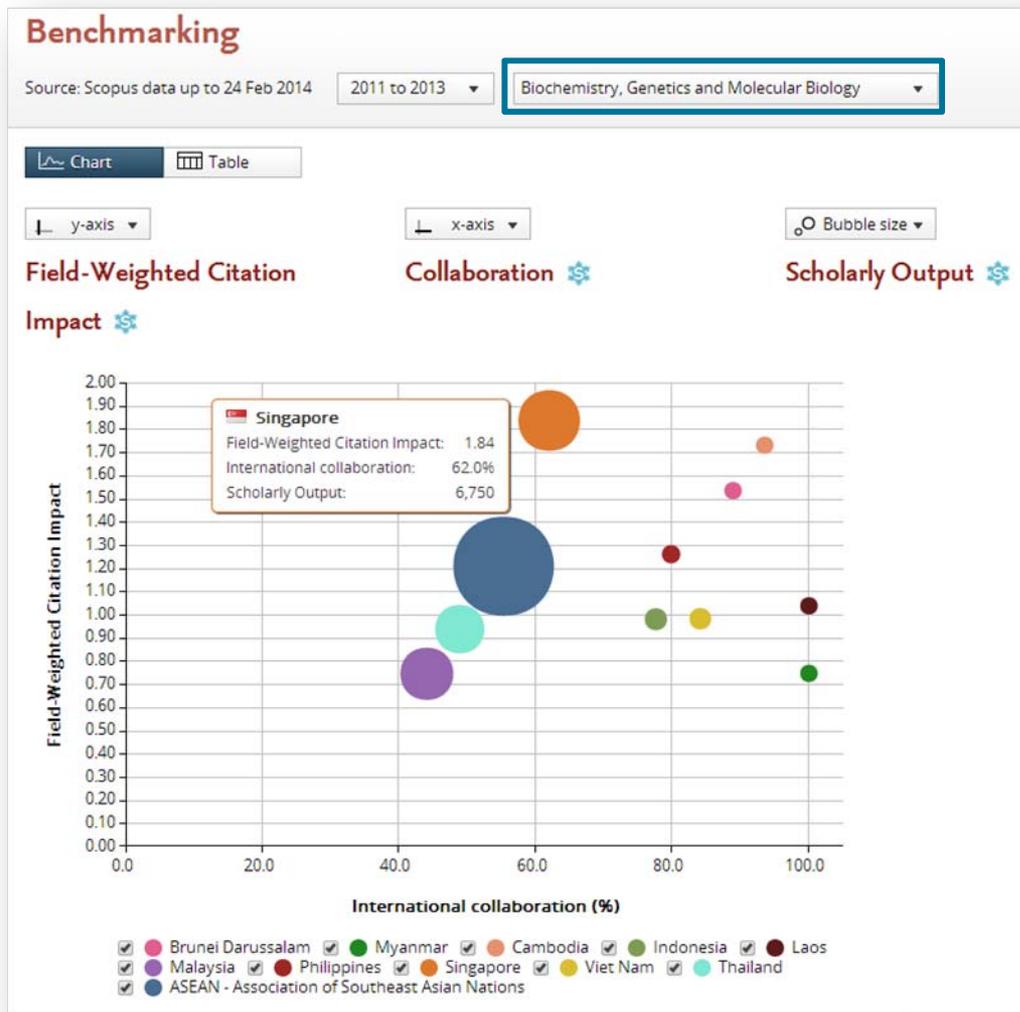
Institutions in the ASEAN - Association of Southeast Asian Nations

There are 70 Institutions in the ASEAN - Association of Southeast Asian Nations: [Export](#)

Institution	Publications	Citations	Authors
1.  National University of Singapore	22,476 ▲	91,963	15,091 ▲
2.  Nanyang Technological University	16,818 ▲	67,524	11,043 ▲
3.  University of Malaya	9,953 ▲	21,324	7,073 ▲
4.  Universiti Kebangsaan Malaysia	9,370 ▲	11,391	7,430 ▲
5.  Universiti Sains Malaysia	9,149 ▲	15,967	7,117 ▲
6.  Universiti Putra Malaysia	8,757 ▲	13,604	7,771 ▲
7.  A-STAR	8,097 ▲	40,073	6,240 ▲
8.  Universiti Teknologi Malaysia	7,227 ▲	9,128	6,117 ▲
9.  Mahidol University	5,517 ▲	15,886	5,710 ▲
10.  Chulalongkorn University	5,272 ▲	12,574	4,826 ▲
11.  Universiti Teknologi MARA	4,985 ▲	3,879	5,468 ▲
12.  Chiang Mai University	2,946 ▲	7,419	2,492 ▲
13.  International Islamic University Malaysia	2,665 ▲	2,006	2,416 ▲
14.  Kasetsart University	2,572 ▼	3,658	2,510 ▼

Группы стран

Пример сравнения по разным метрикам ив определенной предметной области.



Создание области исследований (Research Areas)

SciVal проявляет гибкость в создании ваших собственных областей исследований, 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

Пример с использованием ключевых слов

Выбор "Define a new Research Area"

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

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

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

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

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	Total matching publications
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

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

Использование 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

Использование 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:

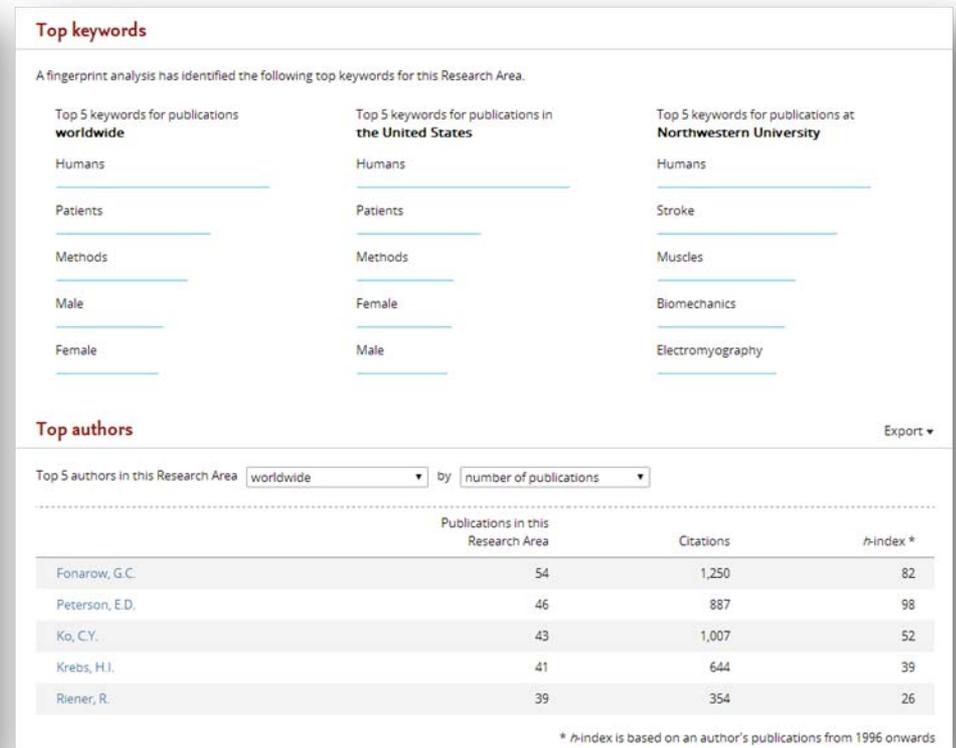
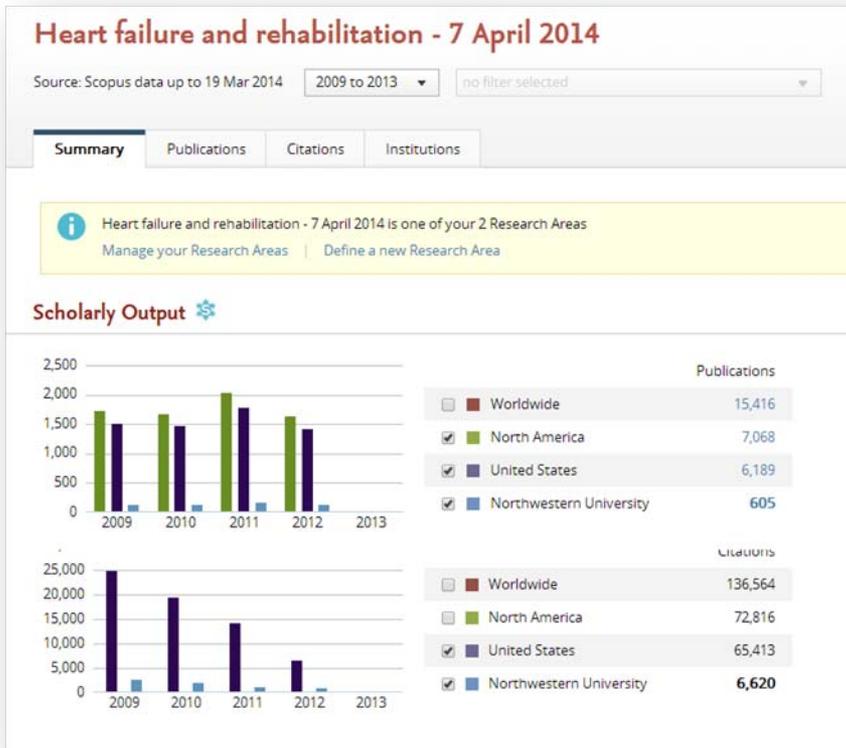
Copy selected to my new Research Area

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

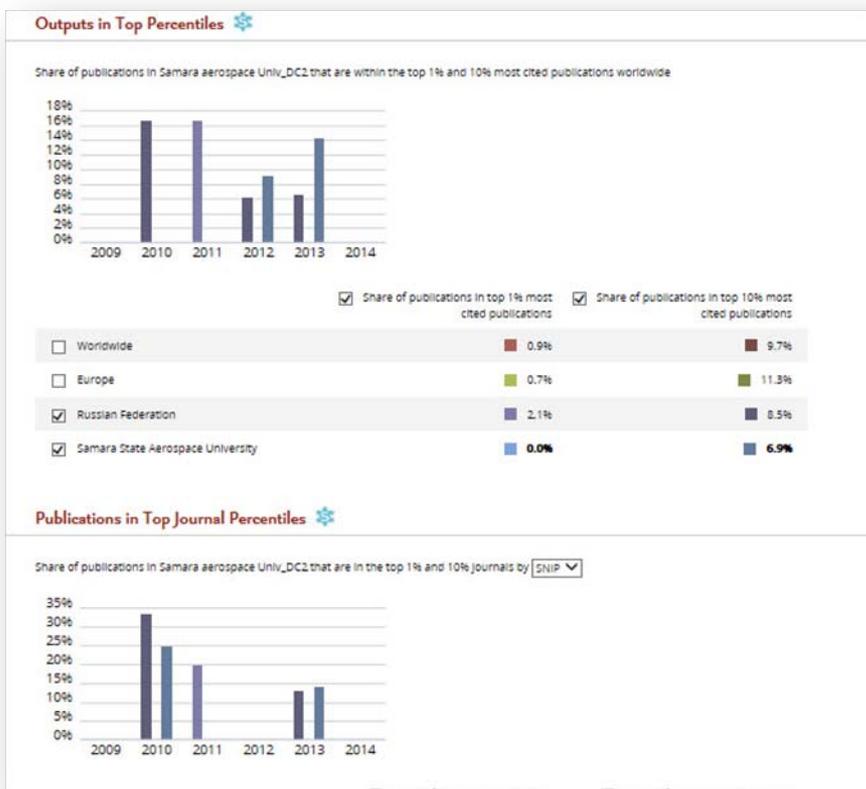
Исследовательские области могут быть использованы на платформе для:

- Оценки результативности вашей организации по теме
- Определения топ-организаций и ключевых слов, авторов и т.п.



Исследовательские области могут быть использованы на платформе для:

- Оценка трендов в публикационной активности и цитирования
- Изучении новых и потенциальных партнеров для сотрудничества



Collaboration by Samara State Aerospace University

Russian Federation | More details on this institution

Source: Scopus data up to 13 Jul 2014 | 2011 to 2013

Current collaboration | Potential collaboration

Map | Table

Institutions not yet collaborating with Samara State Aero

Worldwide | All sectors

342 not yet collaborating institutions

- Samara aerospace Univ_DC2
- 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

North America 87

South Am 2

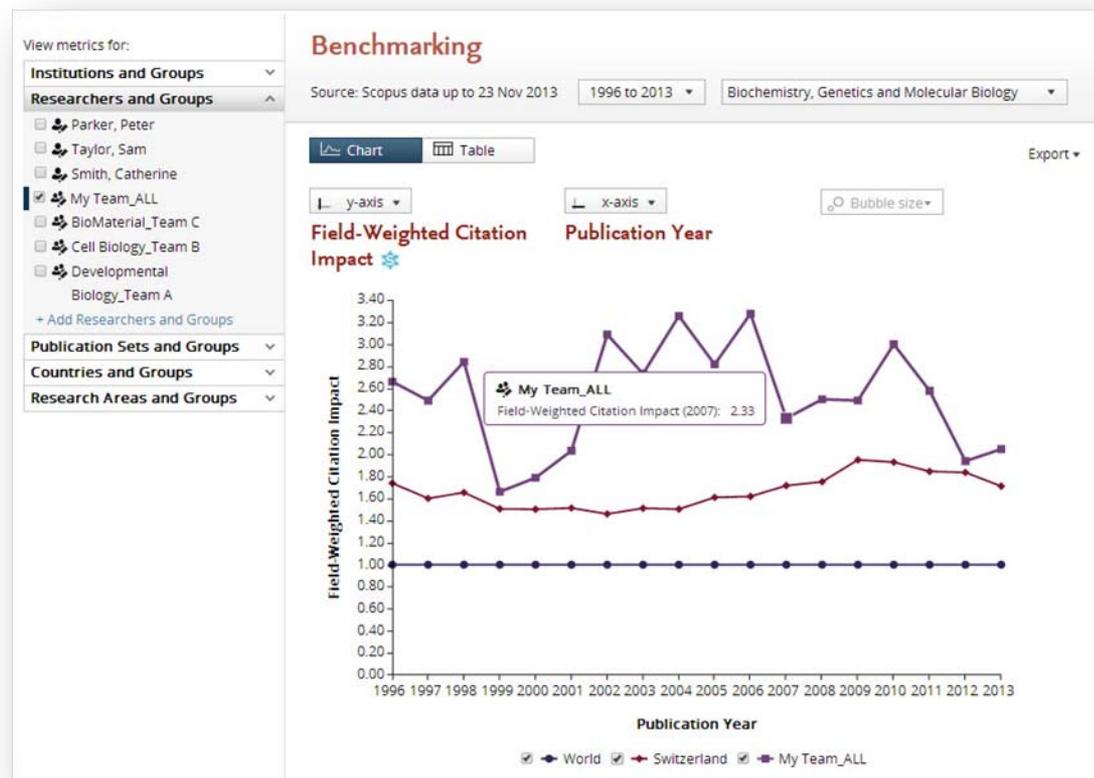
Asia Pacific 150

Определение исследователей и групп исследователей

Определение 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. Как мне помогут эти данные?



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

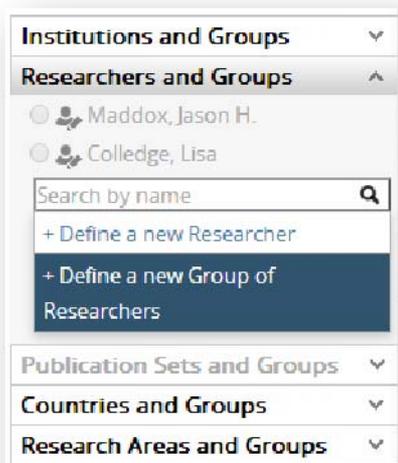
Review list of publications associated with this Researcher
32 (of which 29 are from 1996 or later) publications associated with your selected author name variants.

<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](#)

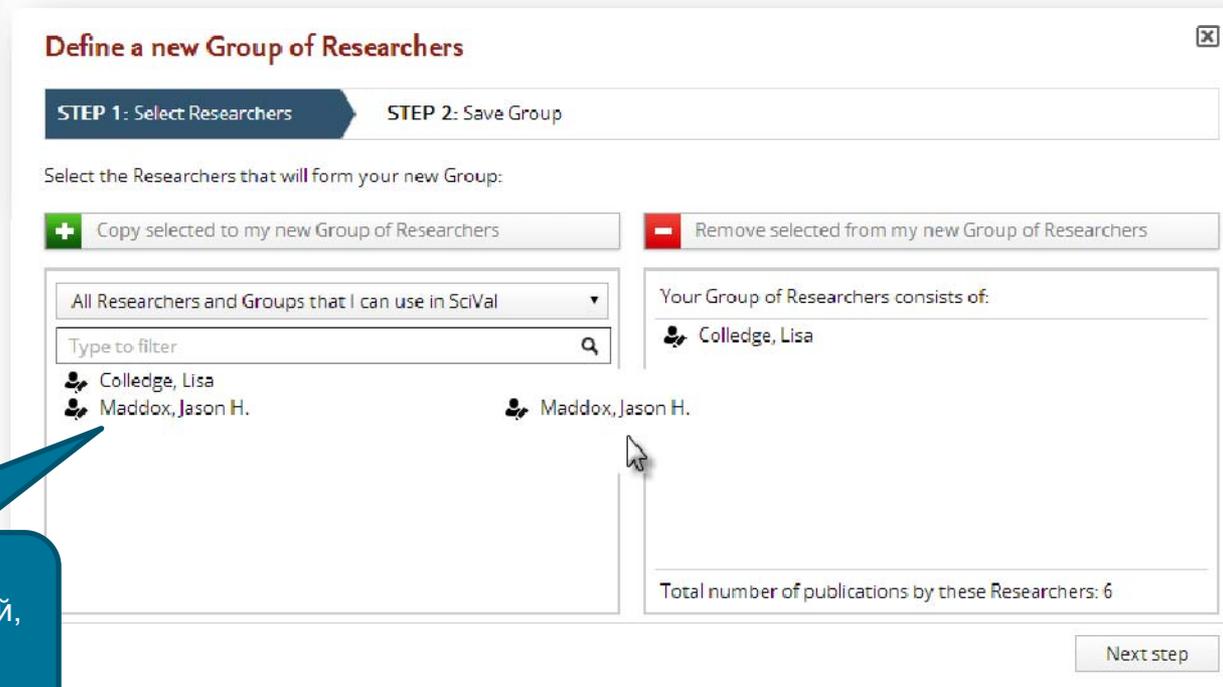
Вы также можете просмотреть список публикаций объединенного профиля для уточнения, который будет отправлен в Scopus для дальнейшей корректировки.

Создание группы исследователей



Выбираете “Define a new Group of researchers”

Создание группы исследователей возможно путем выборки и объединения интересующих исследователей.

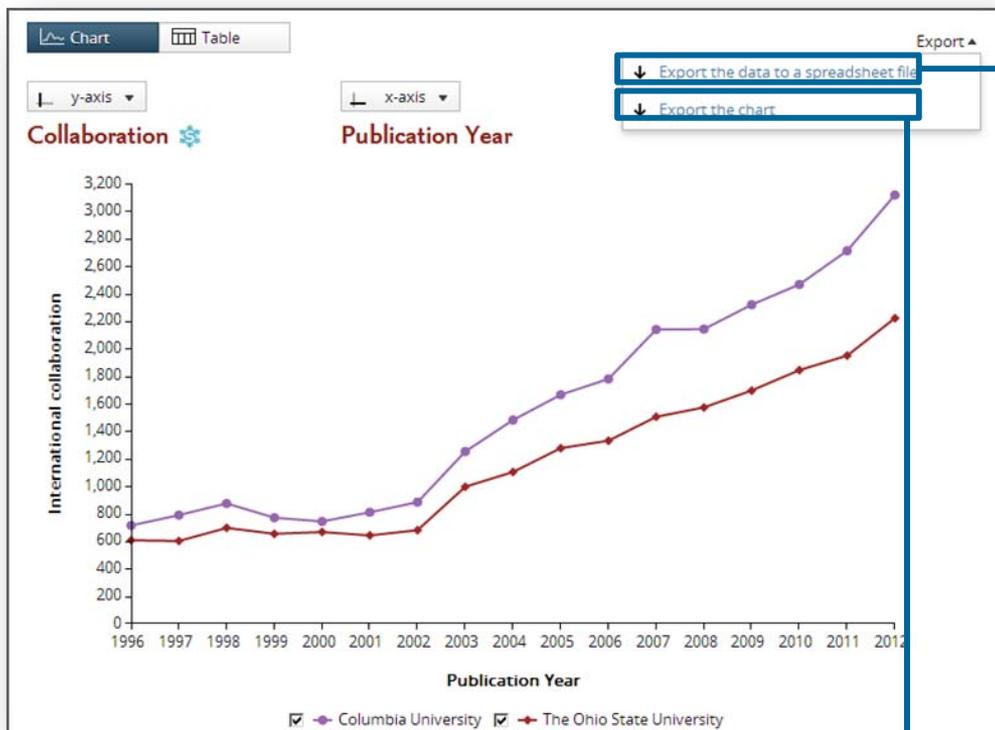


Выбираете и перетаскиваете интересующих исследователей, нажимаете “Next step” и сохраняете.

Экспорт данных и My SciVal

Экспорт графиков и таблиц

Данные могут экспортироваться из всех модулей.
 Экспорт графиков возможен в модуле Benchmarking.



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

1	Data set			
2	Entities	Harvard University, Northwestern University, Osaka Institute of Technology, Royal Melbourne Institute of Tech		
3	Year range	1996 to >2014		
4	Filtered by	not filtered		
5				
6	Data source	Scopus		
7	Date last updated	3-Jan-14		
8	Date exported	31-Jan-14		
9				
10	Metric name	Specific metric	Self-citations	Types of publications included
11	Scholarly Output	-	-	All publication types
12	Field-Weighted Citator	-	-	All publication types
13				
14	Name	Scholarly Output	Field-Weighted Citation Impact	
15	Harvard University	287293	2.39	
16	Northwestern Universit	83949	1.92	
17	Osaka Institute of Techni	2634	0.86	
18	Royal Melbourne Institi	13622	1.18	
19	University of Bucharest.	9376	0.8	
20	University of Geneva	46384	1.67	
21	University of Melbourne	77211	1.69	
22	World Health Organizat	11553	2.69	
23				
24	© 2014 Elsevier B.V. All rights reserved. Scival® is a registered trademark of Elsevier Properties S.A., used under license.			
25				
26				
27				
28				

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

My SciVal

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

SciVal

Galina Yakshonak Help

Home

Overview

Benchmarking

Collaboration

My SciVal

My SciVal

Research Areas

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

<input type="checkbox"/>	Name <input type="button" value="▲"/>	Tags
<input checked="" type="checkbox"/>	▶ Samara aerospace Univ_DC2	<input type="button" value="Share"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>

Возможность поделиться
созданными группами данных с
коллегами

Контакты:

- Вадим А. Соболев v.sobolev@elsevier.com
- Галина П. Якшонок g.yakshonak@elsevier.com
- www.elsevierscience.ru



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

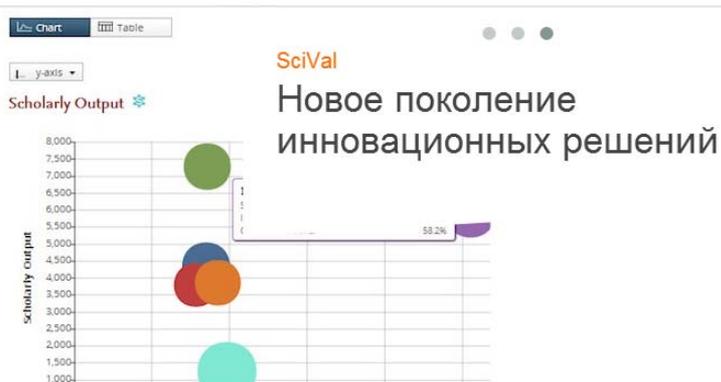
О нас

Наука и образование

Бизнес

События

Контакты



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)

[Все новости](#)

[Facebook](#) [Tweet](#) [Bookmarks](#) [Vkontakte](#)