



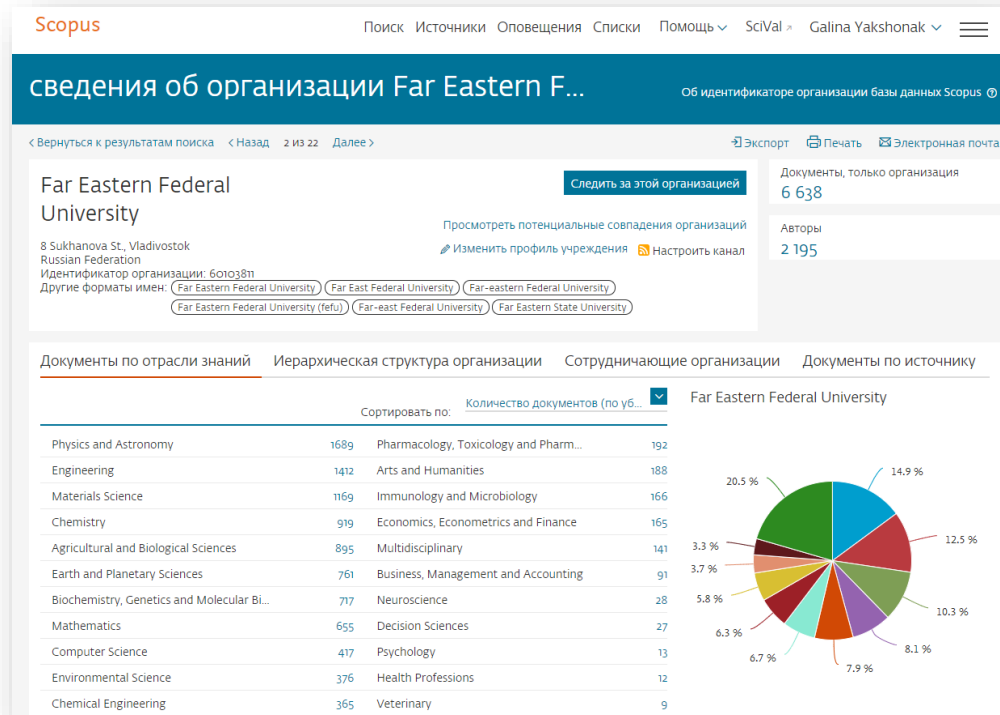
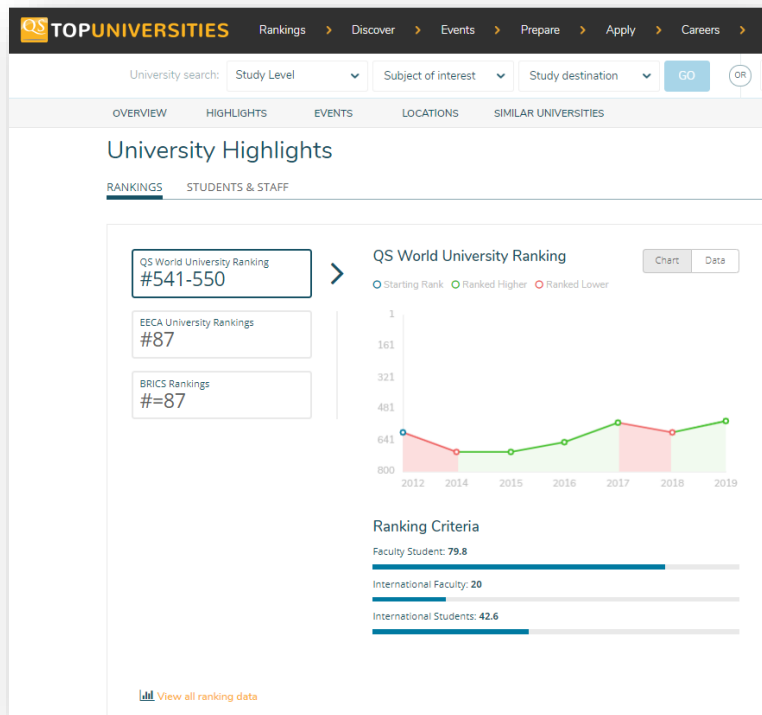
ELSEVIER

SciVal (Elsevier): инструмент для оценки и планирования научно-исследовательской деятельности

ДВФУ, Владивосток,
20 марта 2019



Профили вуза

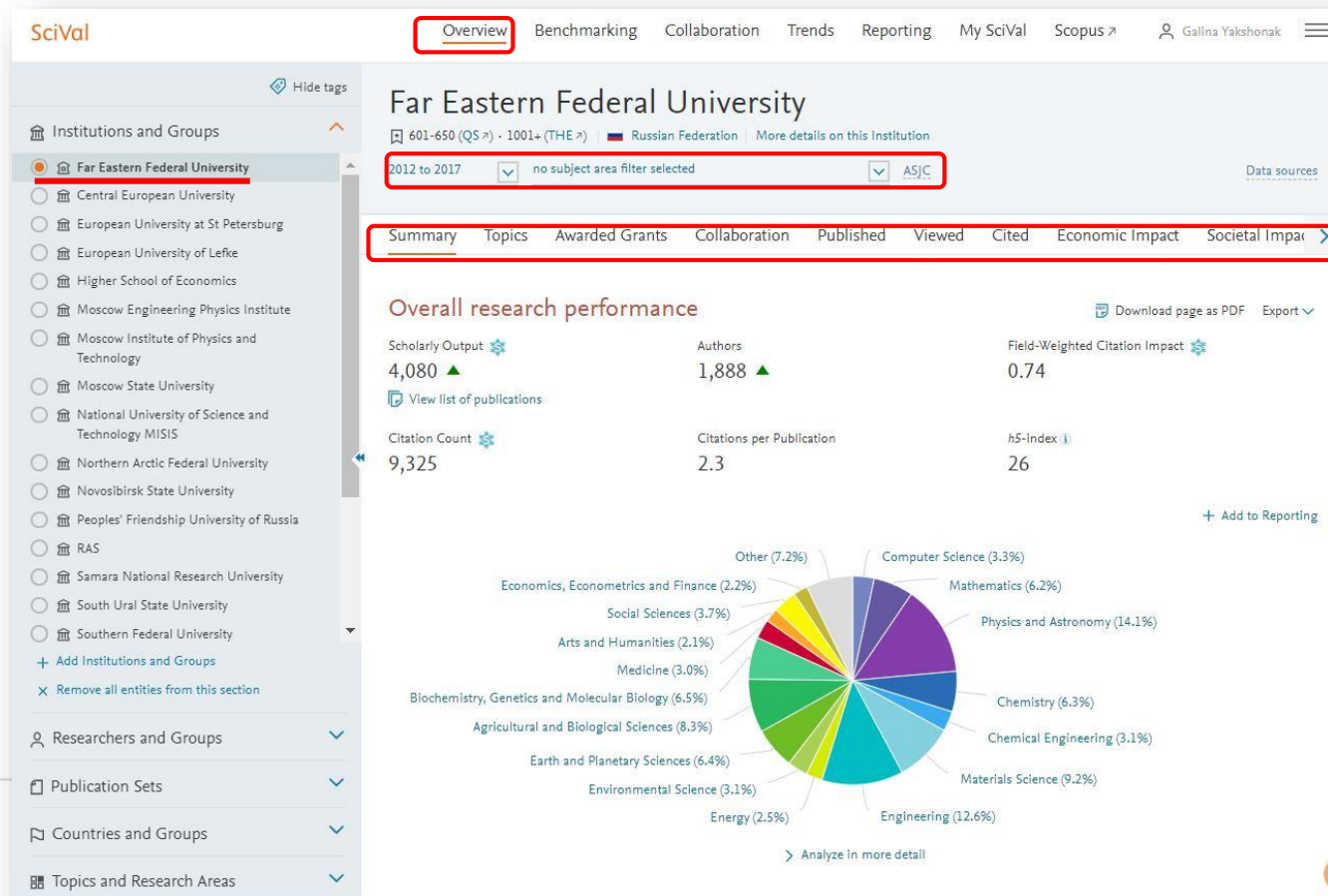


Профиль и показатели вуза, его научные статьи и цитирования – это совокупность профилей и показателей ученых вуза, их статей и цитирований!



Вузовская наука – это командная работа. Планирование научной деятельности должно быть согласовано на всех уровнях и ученые активно занимаются планированием своей научной деятельности.

Эффективное планирование начинается с оценки текущей позиции, напр. по SciVal

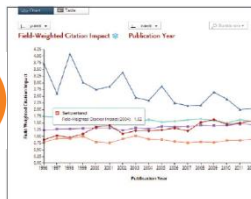


SciVal – аналитический инструмент на основе данных Scopus

Overview



Benchmarking



Collaboration



Trends



- Анализ большого объема данных
- Аналитические данные по 230 странам
- Аналитические данные по 12000 организациям
- Возможность анализа на индивидуальном уровне на основе авторских профилей; структурных подразделений (на основе авторских профилей)
- Возможность самостоятельно создавать объект для анализа (на основе заданных критериев поиска)
- Анализ по более 30 метрикам (с разными вариантами, напр. цитируемость с самоцитируемостью и без), включая новые показатели Views (просмотры - востребованность) и Economic Impact (цитируемость в патентах – практическое применение)
- Карты компетенций для организаций (на основе со-цитирования)

Содержание Scopus и данные в SciVal



Источники других данных

- **Viewed/views**

Статистика загрузки/открытия abstracts/переходов на полный текст в Scopus

- **Economic Impact**

Цитирование в патентах

- **Societal Impact** *(на уровне организации)*

Упоминание в масс-медиа

LexisNexis print archive (Terms & Conditions <http://www.lexisnexis.co.uk/en-uk/terms.page>) : 2011 till October 2015

Metabase print (Terms & Conditions <http://www.lexisnexis.co.uk/en-uk/terms.page>): since November 2015

Metabase online: since 2014

- **Awarded Grants**

Около 15 фондов

Метрики



Возможный набор метрик в SciVal по категориям (1)

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

Views

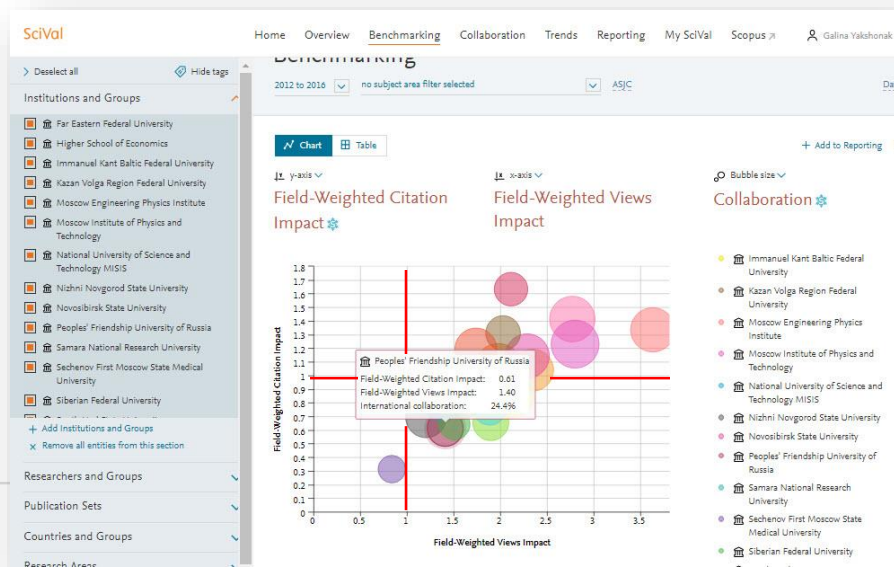
Views count
Views per publication
Field-Weighted Views Impact
Outputs in Top Views Percentiles



Показатель цитируемости, взвешенный по предметной области (Field-weighted citation impact, с самоцитируемостью и без)

FWCI – отношение числа цитирований, полученных анализируемыми публикациями, к среднему число цитирований, полученных публикациями того же типа, в той же области и за тот же промежуток времени.

Мировой FWCI равен 1. Например, $FWCI=1.16$ означает, что цитируемость анализируемых статей на 16% выше мировой, а $FWCI=0.91$ означает, что цитируемость анализируемых статей на 9% меньше мировой.



Возможный набор метрик в SciVal по категориям (2)

Дополнительные метрики



Awards metrics

Awards volume
Awards count



Societal Impact

Mass media
Media Exposure
Field-Weighted Mass Media



Economic Impact metrics

Academic-Corporate Collaboration
Academic-Corporate Collaboration Impact
Citing-Patents Count (*число цитирующих патентов*)
Patent-Cited Scholarly Output (*сколько статей процитировано в патентах*)
Patent-Citations Count (*число ссылок в патентах на статьи*)
Patent-Citations per Scholarly Output (*число ссылок на статью*)



Snowball Metric; www.snowballmetrics.com/metrics

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 subscribe to Search Alerts and Document Citation Alerts or keep track of your research with Saved Searches.

Create a unique log in to use in Elsevier products

Your details

[Privacy policy](#)

First name:

Family name:

E-mail and password

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

Email 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](#).



Домашняя страница SciVal

[Home](#) [Overview](#) [Benchmarking](#) [Collaboration](#) [Trends](#) [Reporting](#) [My SciVal](#) [Scopus](#)  Galina Yakshina

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

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

[Go to Trends >](#)



Reporting

Create rich Reports specifically tailored to support your institution's distinct research strategy.

[Go to Reporting >](#)

New in this release

March 2017, code name: Babbage

- Welcome to the new SciVal homepage. Stay up to date with our releases, access support materials and contact us via our new homepage
- Update to the Reporting functionality: you can now edit your analyses and export your data in excel/csv format as well as PDF
- We are adding the option to exclude self-citations for FWCI in the Benchmarking module, for greater transparency and flexibility in your analyses

[See the full list of features and benefits in the March](#)

Quick guide to SciVal

Get a quick overview of SciVal, how you can use it and how it can help you.

- [Getting started with SciVal](#)
- [Working with entities](#)
- [Using SciVal for strategic planning](#)

[View the SciVal Online Manual](#)

Tweets by @SciVal

[Follow @SciVal](#)

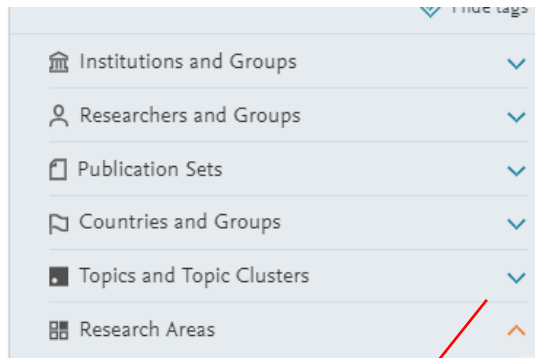
 Elsevier @ElsevierConnect
The 4 types of #UX savvy behind @SciVal: [bit.ly/2n94eVE](#) #WomenInSTEM



30w

Основные уровни/объекты анализа

SciVal предлагает анализ по 5 различным уровням/типам объектов



- 12000 готовых организаций и групп организаций (на основании Scopus AF)
- Возможность создавать группу из организаций самостоятельно
- Доступно в модулях Overview, Benchmarking, Collaboration

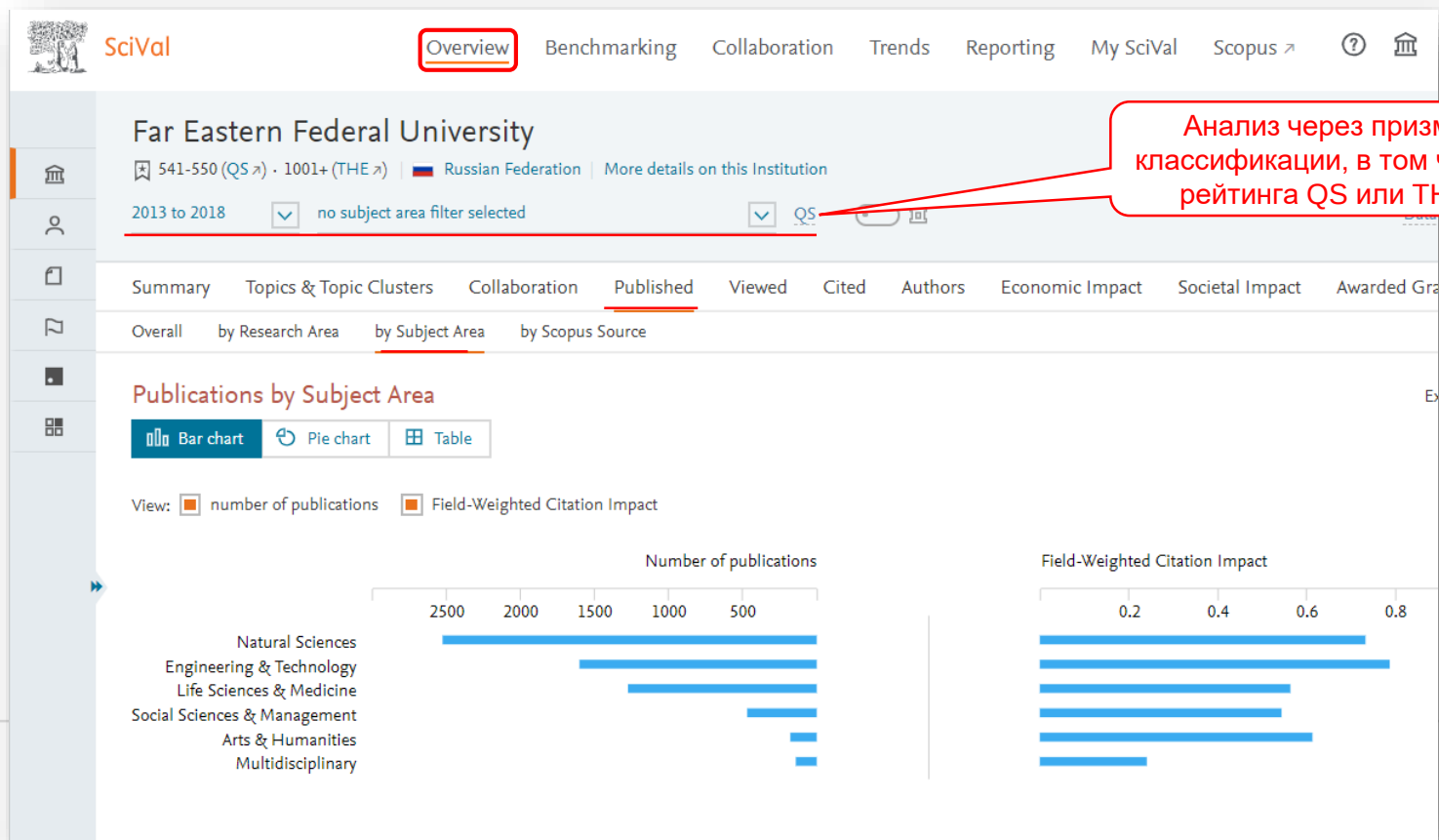
- Пользователь определяет/добавляет Researchers и Groups (на основании Scopus AUTH-ID)
- Доступно в модулях Overview, Benchmarking

- Пользователь добавляет Publication Set (на основе публикаций автора или publication ID) или через импорт из Scopus
- Доступно в модулях Overview, Benchmarking, Trends

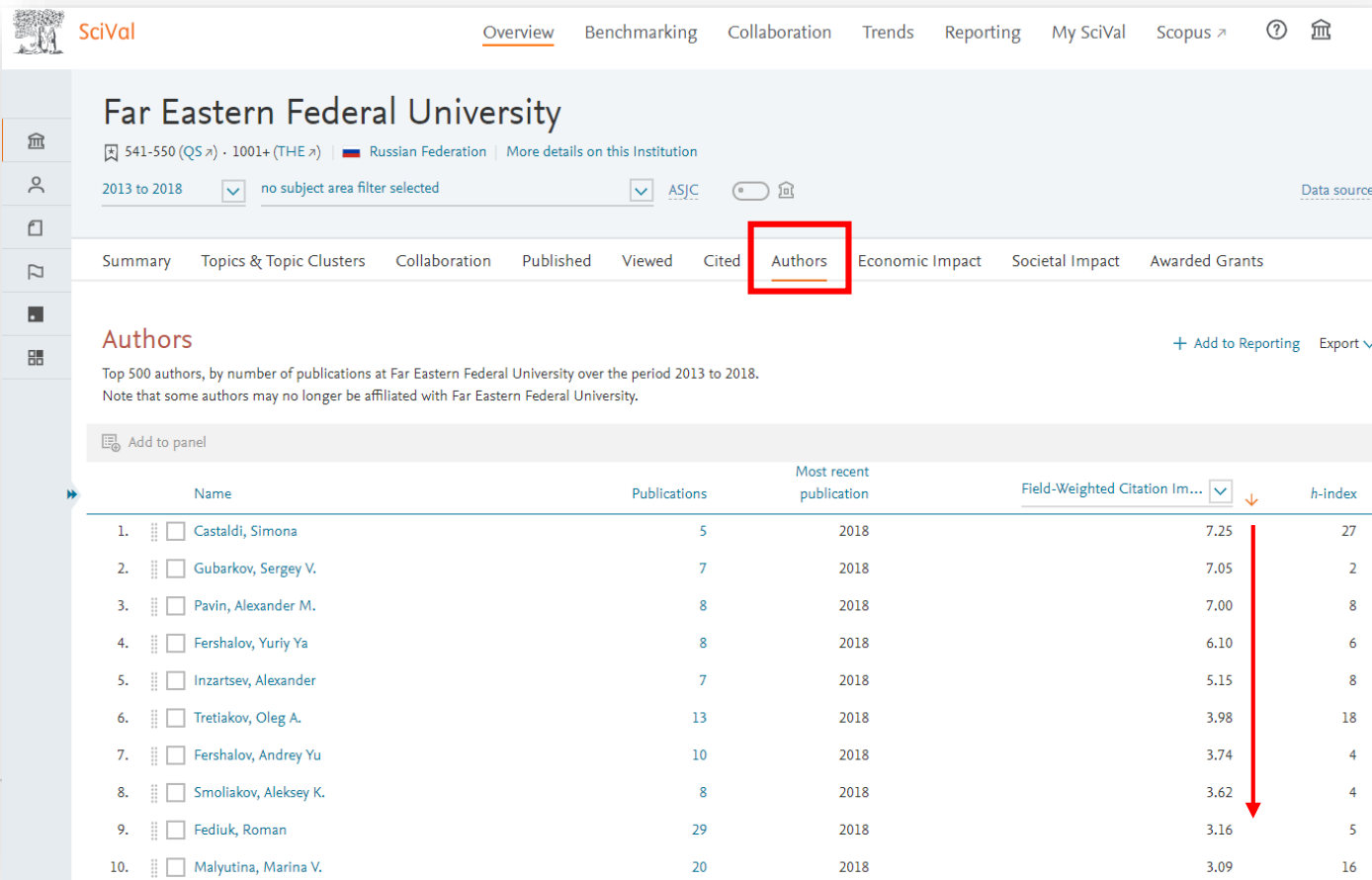
- Пользователь может самостоятельно определить/добавить свою область Research Area (на основе Search Terms, Entities, Competencies) или на основе Topic
- Доступно в модулях Overview, Benchmarking, Trends

- 230 готовых стран и групп стран
- Пользователь может создать свою собственную группу из готовых стран
- Доступно в модулях Overview, Benchmarking, Collaboration

Знаете ли Вы, публикации в каких областях приносят «выгоду» вузу? А Ваши публикации там есть?



Драйверы вузовской науки



SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ?

Far Eastern Federal University

541-550 (QS) · 1001+ (THE) · Russian Federation · [More details on this Institution](#)

2013 to 2018 | no subject area filter selected | ASJC | [Data source](#)

Summary Topics & Topic Clusters Collaboration Published Viewed Cited **Authors** Economic Impact Societal Impact Awarded Grants

Authors

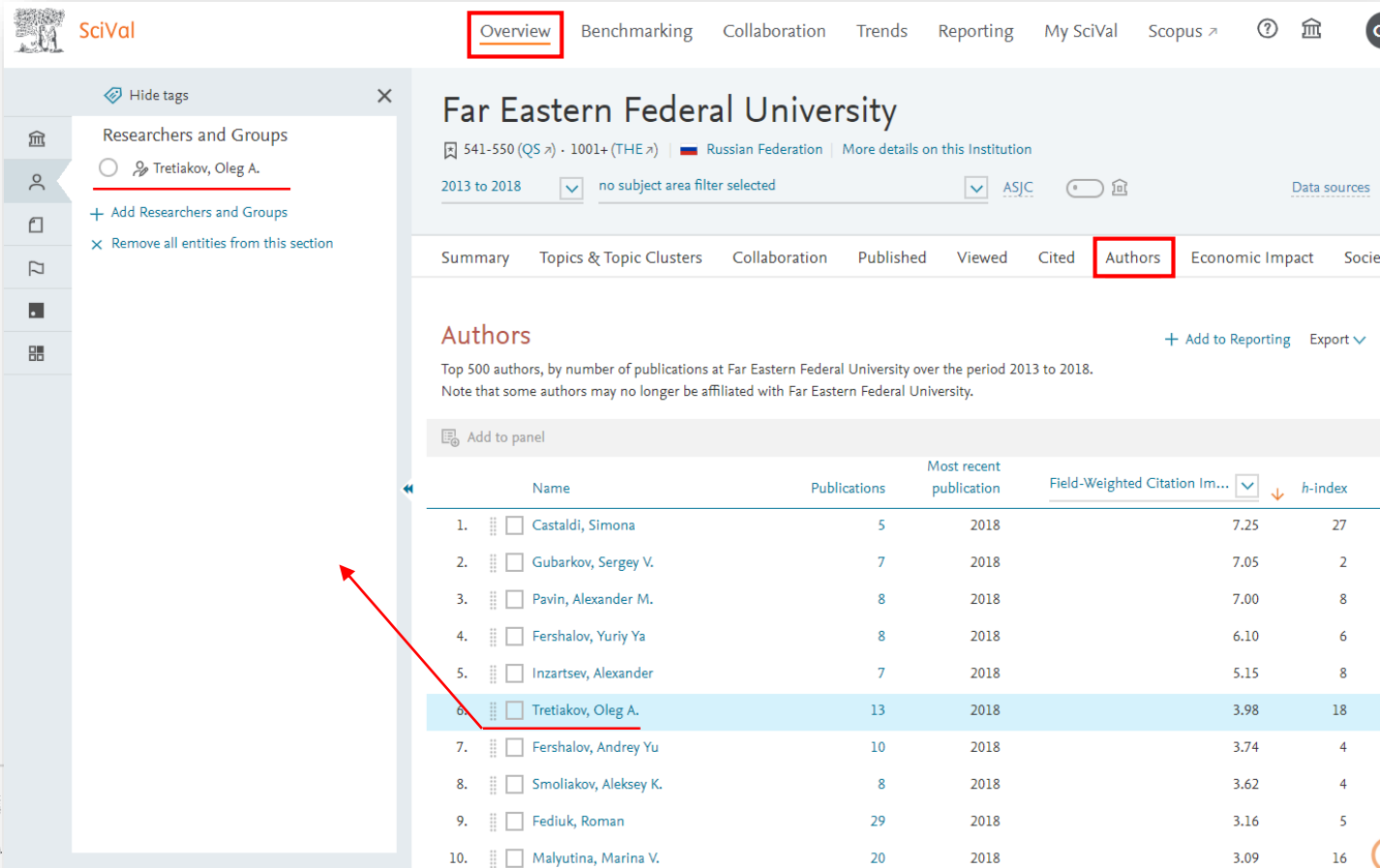
[+ Add to Reporting](#) [Export](#)

Top 500 authors, by number of publications at Far Eastern Federal University over the period 2013 to 2018.
Note that some authors may no longer be affiliated with Far Eastern Federal University.

[Add to panel](#)

	Name	Publications	Most recent publication	Field-Weighted Citation Im... ☐	h-index
1.	☐ Castaldi, Simona	5	2018	7.25	27
2.	☐ Gubarkov, Sergey V.	7	2018	7.05	2
3.	☐ Pavin, Alexander M.	8	2018	7.00	8
4.	☐ Fershalov, Yuriy Ya	8	2018	6.10	6
5.	☐ Inzartsev, Alexander	7	2018	5.15	8
6.	☐ Tretiakov, Oleg A.	13	2018	3.98	18
7.	☐ Fershalov, Andrey Yu	10	2018	3.74	4
8.	☐ Smoliakov, Aleksey K.	8	2018	3.62	4
9.	☐ Fediuk, Roman	29	2018	3.16	5
10.	☐ Maljutina, Marina V.	20	2018	3.09	16

Оценка вклада отдельного ученого



SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ?

Hide tags

Researchers and Groups

Tretiakov, Oleg A.

+ Add Researchers and Groups

x Remove all entities from this section

Far Eastern Federal University

541-550 (QS) · 1001+ (THE) Russian Federation More details on this Institution

2013 to 2018 no subject area filter selected ASJC

Summary Topics & Topic Clusters Collaboration Published Viewed Cited **Authors** Economic Impact Soci

Authors

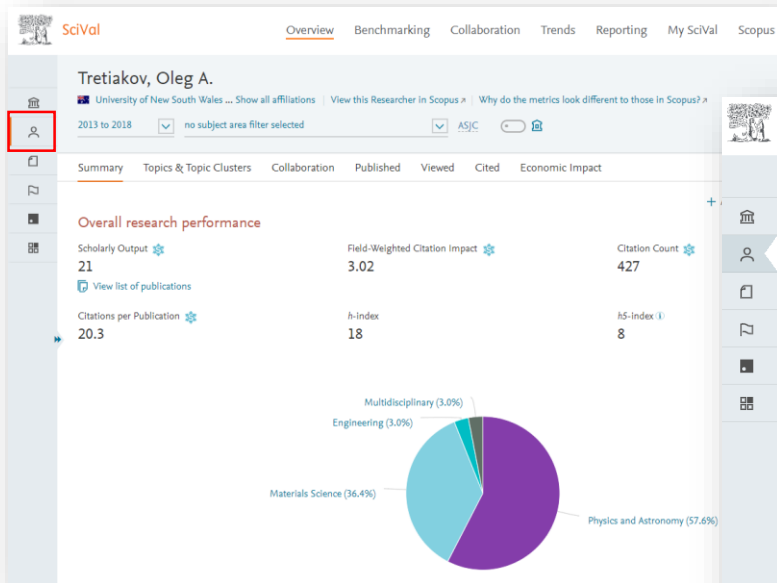
+ Add to Reporting Export

Top 500 authors, by number of publications at Far Eastern Federal University over the period 2013 to 2018.
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Add to panel

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5.	Inzartsev, Alexander	7	2018	5.15	8
6.	Tretiakov, Oleg A.	13	2018	3.98	18
7.	Fershalov, Andrey Yu	10	2018	3.74	4
8.	Smoliakov, Aleksey K.	8	2018	3.62	4
9.	Fediuk, Roman	29	2018	3.16	5
10.	Malyutina, Marina V.	20	2018	3.09	16

Показатели и участие в мировых тематиках



SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus

Tretiakov, Oleg A.

University of New South Wales ... Show all affiliations View this Researcher in Scopus Why do the metrics look different to those in Scopus?

2013 to 2018 no subject area filter selected ASJC

Summary Topics & Topic Clusters Collaboration Published Viewed Cited Economic Impact

Hide tags

Researchers and Groups

- Tretiakov, Oleg A.

+ Add Researchers and Groups

x Remove all entities from this section

SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus

Tretiakov, Oleg A.

University of New South Wales ... Show all affiliations View this Researcher in Scopus Why do the metrics look different to those in Scopus?

2013 to 2018 no subject area filter selected ASJC

Summary **Topics & Topic Clusters** Collaboration Published Viewed Cited Economic Impact

Topics & Topic Clusters + Add to Reporting Export

Between 2013 to 2018, Tretiakov, Oleg A. has contributed to:

☐ 3 Topic Clusters | Learn about Topics and Topic Clusters

☒ 8 Topics

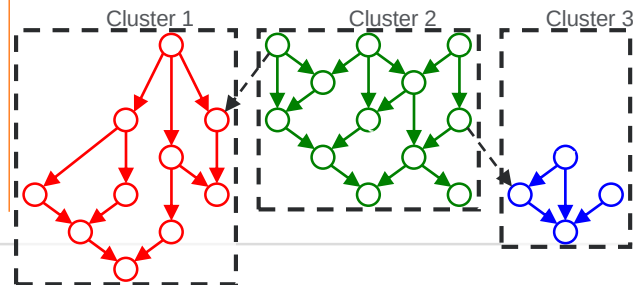
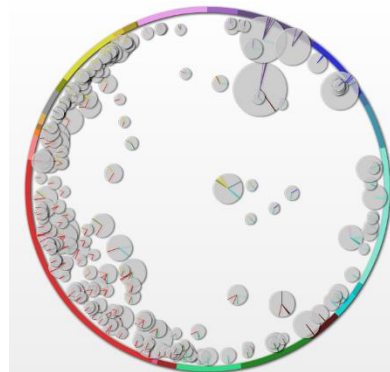
Table Wheel

Filter this Researcher's Topics

Topic	By this Researcher		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
Magnets; Magnetism; magnetic skyrmions ... T.9819 Analyze activity of Researcher Analyze worldwide	6	7.03	99.777
Insulators; Electric insulators; insulator TI ... T.779	1	0.97	99.772
spin; Ferromagnetic resonance; inverse spin ... T.4952	2	2.31	99.554
Domain walls; domain wall; spin-orbit torques ... T.4985	6	1.22	99.196

Новый шаг в выявлении ваших особенностей: просмотр, анализ, оценка в SciVal

- Замена устаревшего подхода в виде “компетенций” (сложных для понимания, с ограничением в сравнении и основанных на 5-летней выборке), новым подходом в выделении направлений и “выдающихся” среди них (topics of prominence)
- ~100,000 стабильных, глобальных направлений
- Кластеризация основана на структуре цитирования
- Индикатор “Prominence” основан на комбинации недавнего цитирования, недавнего использования и показателя CiteScore
- Возможность сравнения организаций и стран
- Высокая точность расчета
- Представление в модулях Overview и Trends



Выдающиеся темы, в которых участвует вуз

SciVal

Overview | Benchmarking | Collaboration | Trends | Reporting | My SciVal | Scopus

Hide tags

Institutions and Groups

- Far Eastern Federal University
- 5-100 (2015)
- Bauman Moscow State Technical University
- Belarus Academy of Sciences
- Belarusian National Technical University
- Belarusian State University of Informatics and Radioelectronics
- Belgorod State University
- Financial Academy of the Russian Federation Government
- Higher School of Economics
- I. M. Gubkin Russian State University of Oil and Gas
- Immanuel Kant Baltic Federal University
- Irkutsk National Research

+ Add Institutions and Groups

x Remove all entities from this section

Far Eastern Federal University

541-550 (QS) · 1001+ (THE) | Russian Federation | More details on this Institution

2013 to 2018 | no subject area filter selected | ASJC | Data sources

Summary | Topics & Topic Clusters | Collaboration | Published | Viewed | Cited | Authors | Economic Impz

Topics & Topic Clusters

+ Add to Reporting | Export

Between 2013 to 2018, researchers at Far Eastern Federal University have contributed to:

- 734 Topic Clusters
- 1,727 Topics

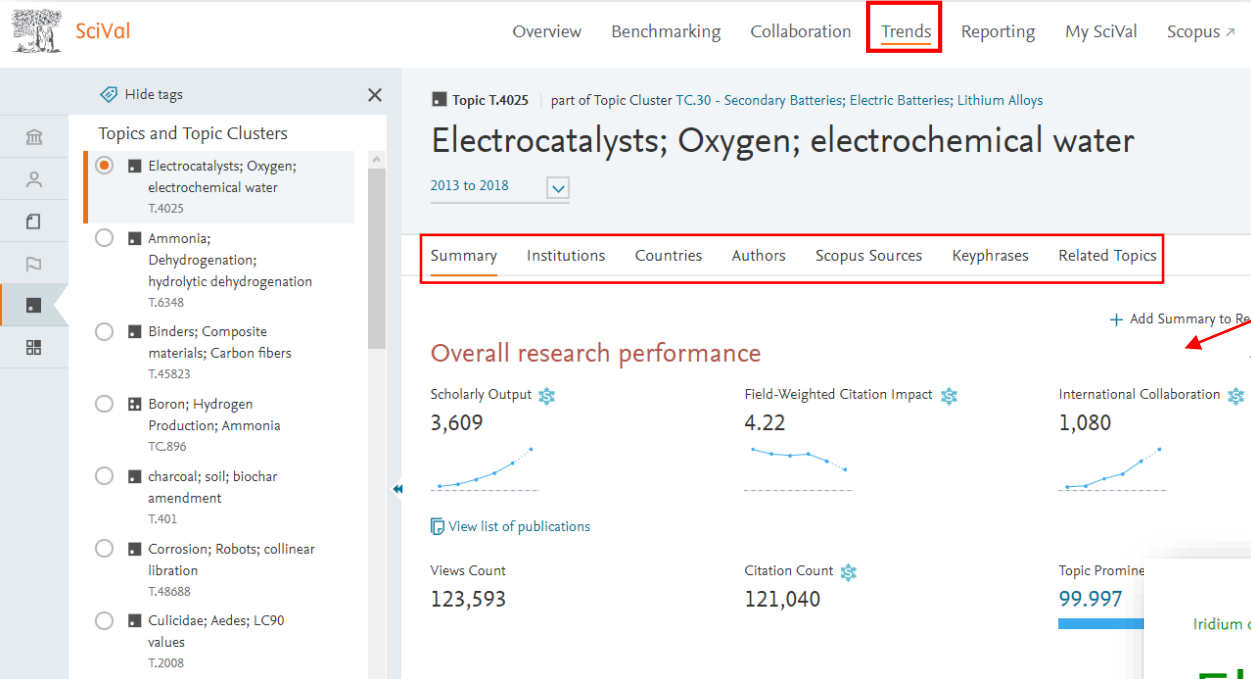
Table | Wheel

Filter this Institution's Topic Clusters

Key Topics are the 245 Topics to which Far Eastern Federal University is a Key Contributor

Topic Cluster	At this Institution			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Electrocatalysts; Oxygen; electrochemical water ... T.4025 Analyze at Institution Analyze worldwide	1	0.03%	5.47	99.997
Genome; RNA, Guide; effector nucleases ... T.456	1	0.02%	0.00	99.994
Solar cells; Heterojunctions; organic photovoltaics ... T.0	1	0.01%	1.72	99.993
Semiconductor quantum dots; Carbon; dots CDs ... T.1195	3	0.07%	0.29	99.984
Anodes; Lithium alloys; battery anodes ... T.577	1	0.03%	0.00	99.971

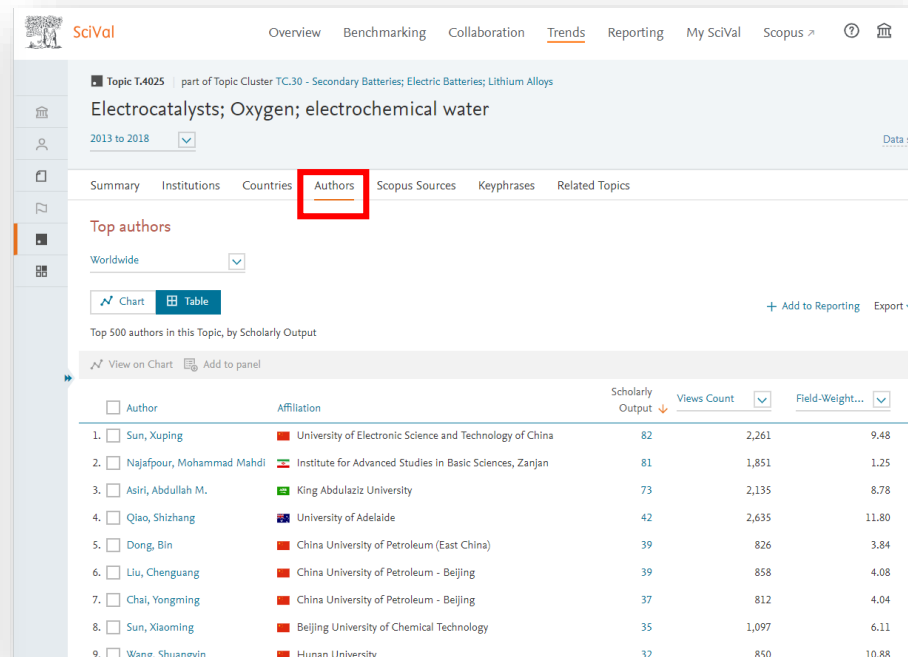
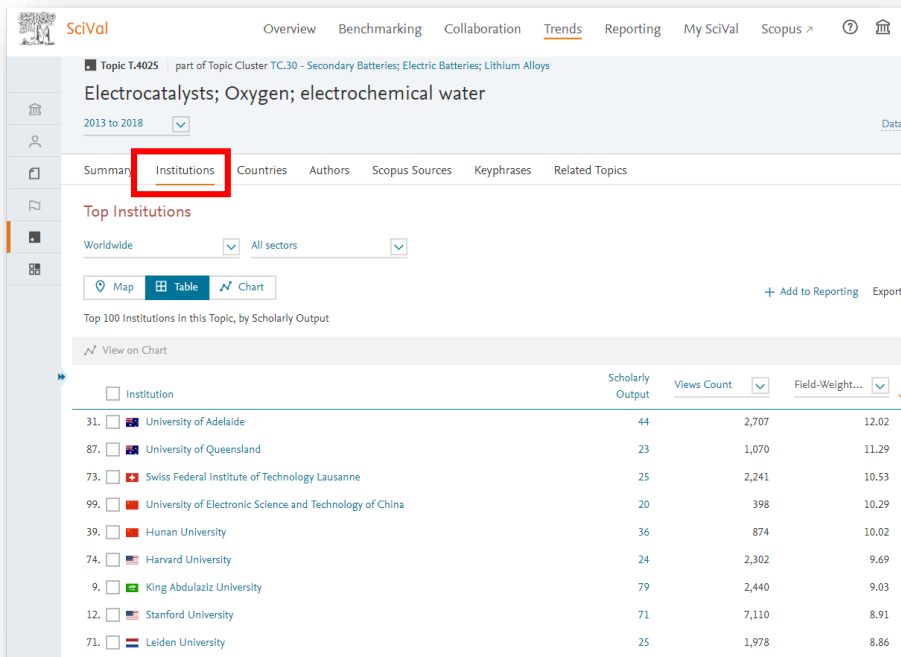
Оценка мировых трендов по данной тематике



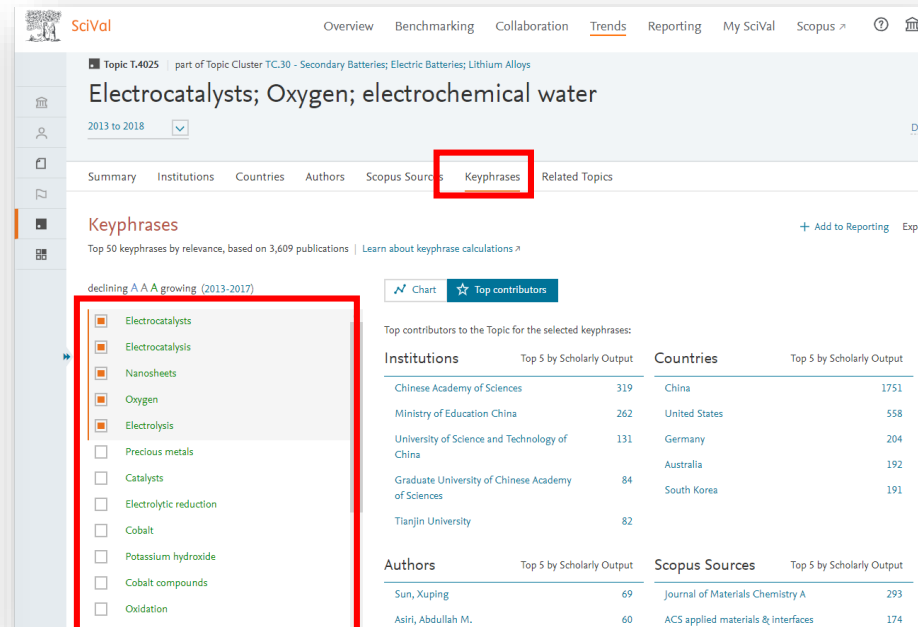
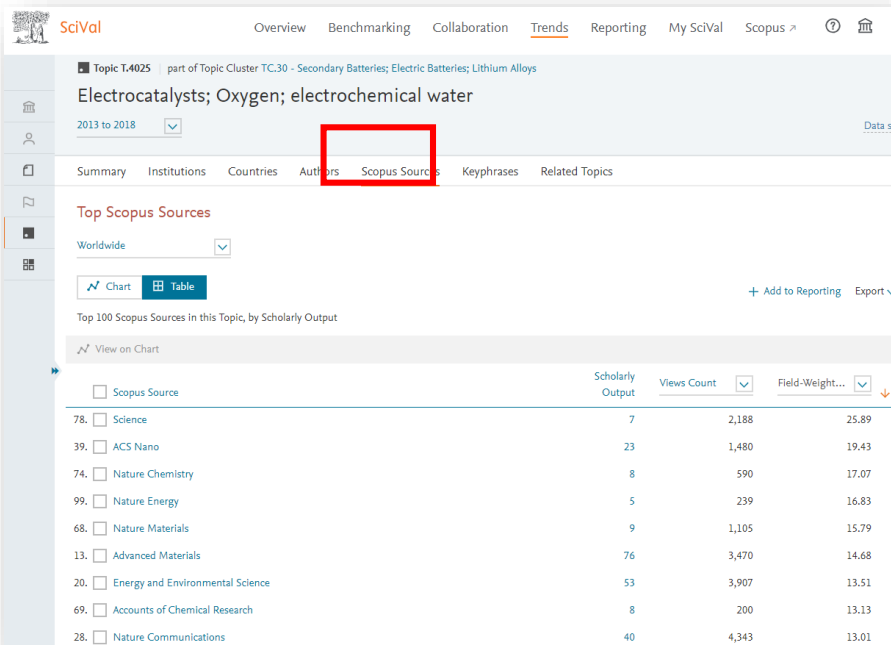
Общие показатели и облако ключевых фраз

Iron compounds
X ray absorption spectroscopy
Electrolytes
Iridium compounds
Ruthenium compounds
Graphene
Nanowires
Nanorods
Potash
Transition metals
Nickel oxide
Energy conversion
Binary alloys
Iridium
Slope stability
Cobalt compounds
Oxides
Manganese oxide
Catalysis
Catalysts
Electrolytic cells
Precious metals
Catalytic oxidation
Potassium hydroxide
Catalyst activity
Nanosheets
Manganese
Cobalt
Organometallics
Foams
Cobalt alloys
Nanoparticles
Hydrogen production
Oxygen
Electrodes
Perovskite
Transition metal compounds
Hydrogen
Secondary batteries
Iron alloys
Electrocatalysis
Electrolytic reduction
Nickel
Nickel compounds
Alkalinity
Electrodeposition
Oxidation
Water
Catalytic oxidation
Electrolytic cells
Catalyst activity
Nanosheets
Manganese
Cobalt
Organometallics
Foams
Cobalt alloys
Nanoparticles

Лидеры: организации и ученые



Лидеры: журналы и ключевые фразы



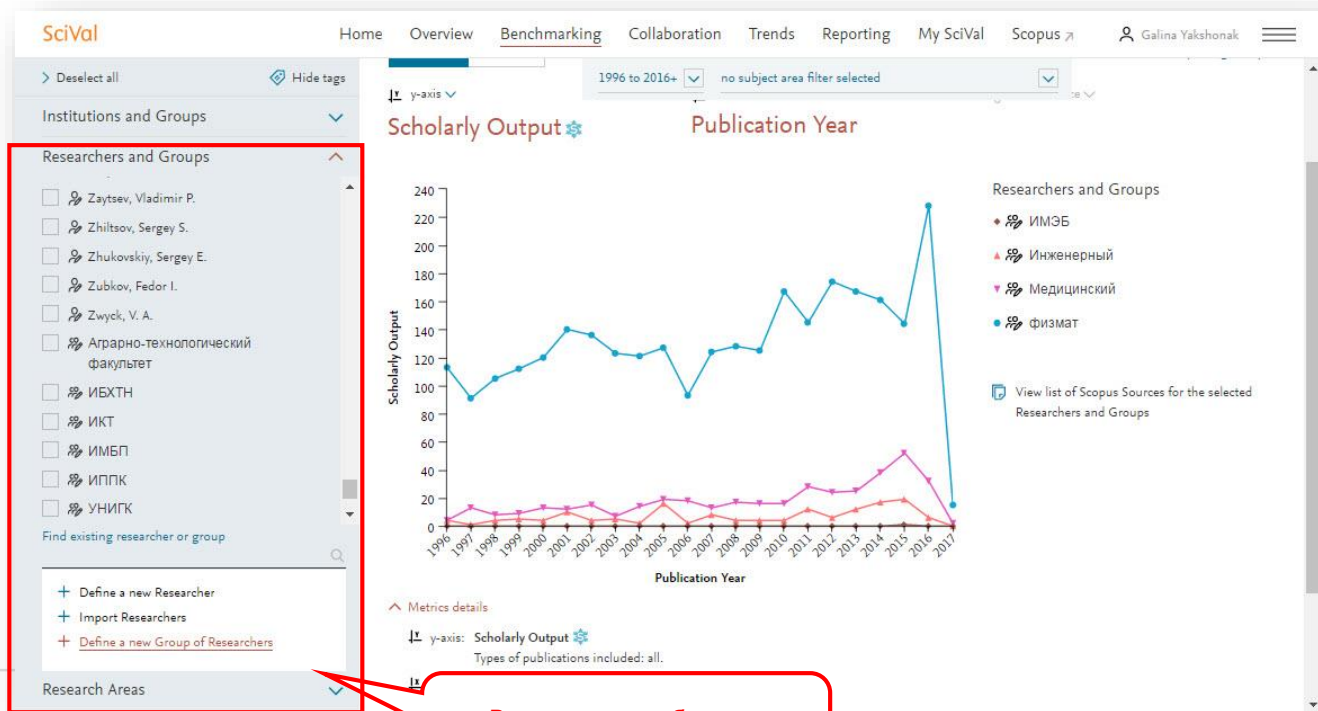
Есть ли у Вас публикации в этих журналах?

Знакома ли Вам эта терминология?

Оценка на уровне Researchers and Groups



SciVal – это удобный инструмент для руководителей для мониторинга результатов на уровне своего подразделения, отдельных ученых



Импорт новой группы исследователей

Import Researchers

1. Upload file or paste IDs2. Refine authors3. Organize and save

Import Researchers

Here you can import a list of Scopus authors into SciVal.
Please upload a text file containing Scopus author metadata.

Drop file here or click to upload
(CSV, XLS, JSON, or text file)

Paste IDs

Alternatively, you can paste a list of Scopus author IDs in this field
(one ID per row, max. 1,000).

Need an example?

Загрузка файла

или Импорт по Scopus AU-ID

Need an example?

Download file



and replace the example content with your own content.

Or structure your file like this:

The more information, the higher the accuracy of the results.

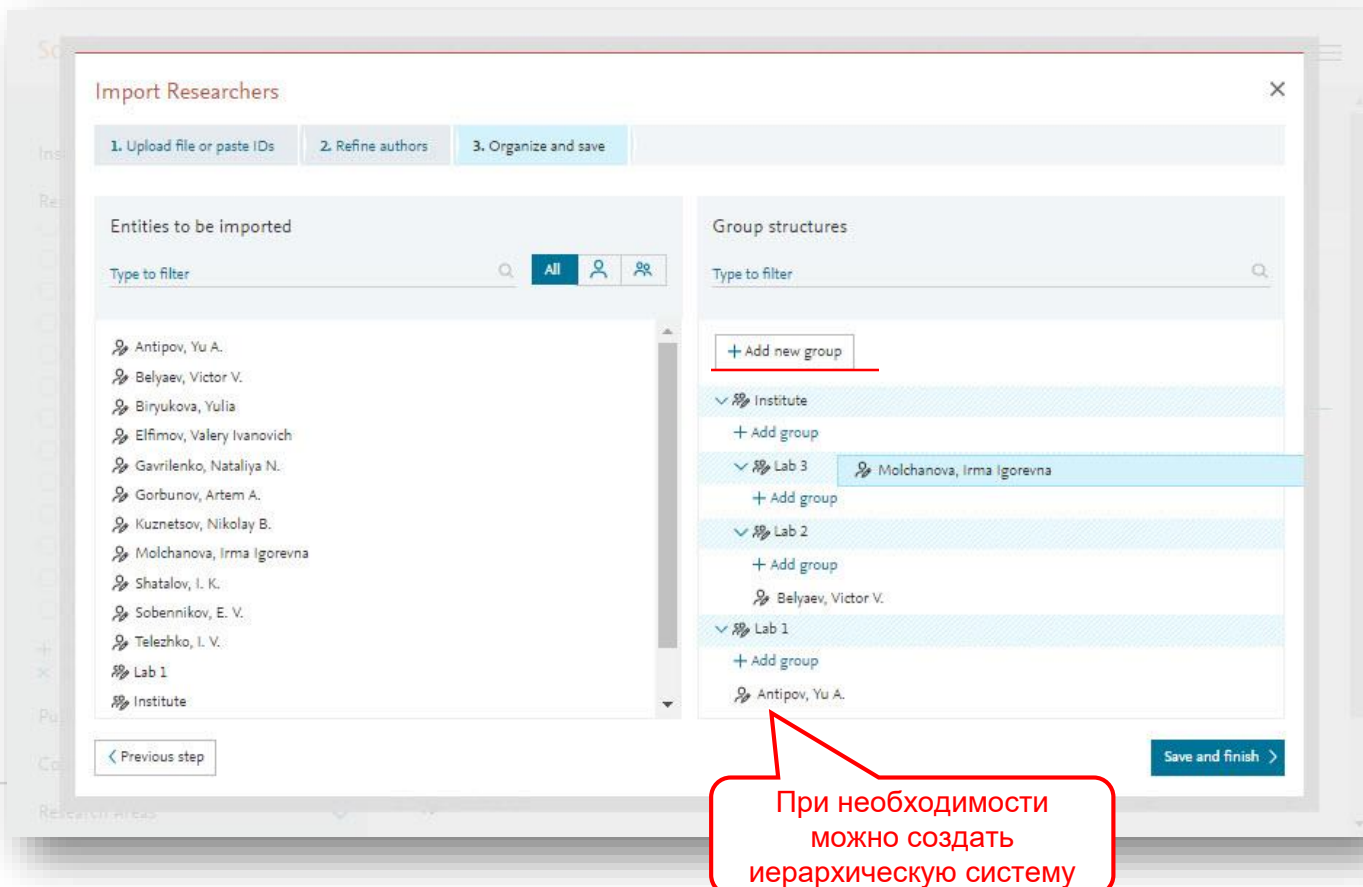
Author	Name variants	Affiliation	College (Level 1)	School (Level 2)	Discipline (Level 3)	ORCID	ORCID iD	Title	ORCID iD/Name/Email/Phone	Scopus Author ID
Collidge, Lisa	Collidge, L.	Oxford University						Project Director (Sharing data for cross-national benchmarking)	187110491512729-00018816426101261-076	
Kamalski, Judith	Kamalski, J.	Utrecht University				2-10-0-00001744308				
Heeman, Frans C.						2-10-0-0000141113				4501857181
Donohoe, Gary J.		Dublin University	College of Arts	School of Psychology	Psychology			What have the academics and others for the psychoses?		

If you fill Level's columns, it will pre-populate your hierarchy structure like above. All hierarchy structure can be created or edited on step 3.

- Collidge, Lisa
- Kamalski, Judith
- Heeman, Frans C.
- College of Arts (Level 1)
 - School of Psychology (Level 2)
 - Psychology (Level 3)
 - Donohoe, Gary J.

Next step >

Создание структуры группы/организации



The screenshot displays the 'Import Researchers' interface, which is divided into three steps: 1. Upload file or paste IDs, 2. Refine authors, and 3. Organize and save. The current step is 'Organize and save'.

Entities to be imported: This section lists individual researchers with a search bar and filter options (All, person icon, group icon). The list includes:

- Antipov, Yu A.
- Belyaev, Victor V.
- Biryukova, Yulia
- Elfimov, Valery Ivanovich
- Gavrilenko, Nataliya N.
- Gorbunov, Artem A.
- Kuznetsov, Nikolay B.
- Molchanova, Irma Igorevna
- Shatalov, I. K.
- Sobennikov, E. V.
- Telezko, I. V.
- Lab 1
- Institute

Group structures: This section shows a hierarchical tree of groups with a search bar and a '+ Add new group' button. The structure is as follows:

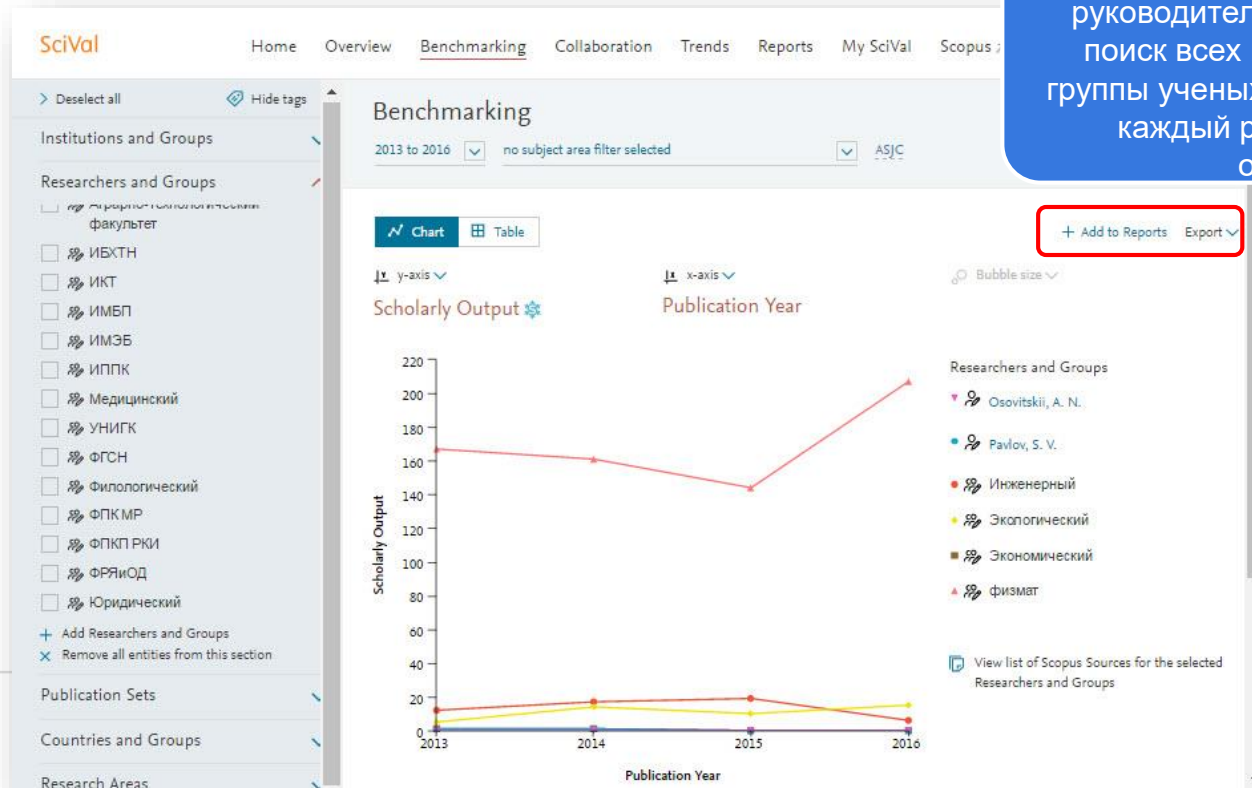
- Institute
 - Lab 3
 - Molchanova, Irma Igorevna
 - Lab 2
 - Belyaev, Victor V.
 - Lab 1
 - Antipov, Yu A.

Navigation buttons include '< Previous step' and 'Save and finish >'. A red callout bubble points to the 'Lab 1' entry in the group structure.

При необходимости
можно создать
иерархическую систему

Пример: сравнение по наукометрическим показателям структурных подразделений, отдельных ученых

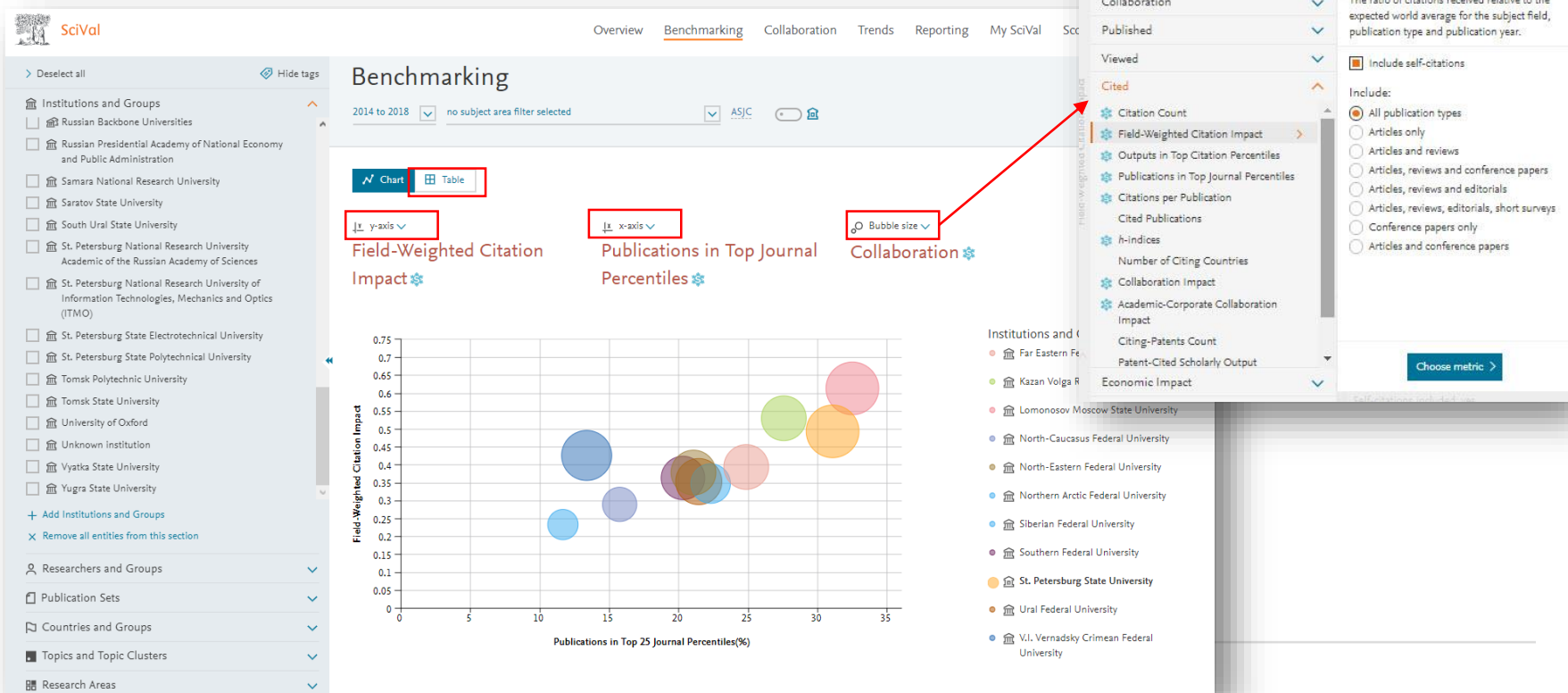
Таким образом ученый или руководитель не тратит время на поиск всех публикаций ученого, группы ученых и расчет показателей каждый раз при подготовке отчетности



Сравнение (Benchmarking)



Сравнение по различным показателям, за любой период 1996-текущий момент



Табличный вид: множество метрик для сравнения

The screenshot displays the SciVal Benchmarking interface. The top navigation bar includes 'Overview', 'Benchmarking' (highlighted with a red box), 'Collaboration', 'Trends', 'Reporting', 'My SciVal', and 'Scopus'. The main header 'Benchmarking' is followed by filters for '2014 to 2018' and 'no subject area filter selected'. Below this, there are tabs for 'Chart' and 'Table' (selected), and a '+ Add to Reporting' button. The interface shows three metrics: 'Scholarly Output' (Metric 1), 'Publication Year' (Metric 2), and 'Add metrics' (Metric 3, highlighted with a red box). The table below compares these metrics for several entities over the years 2014 to 2017. The 'Far Eastern Federal University' row is highlighted with a red line.

Entity	2014	2015	2016	2017
Economics and Econometrics	30,077	29,920	31,027	33,705
Electrocatalysts; Oxygen; electrochemical water T.4025	204	371	587	930
Far Eastern Federal University	654	759	946	944
Finance	9,025	8,780	9,519	10,362
General Economics,Econometrics and Finance	22,223	24,745	23,338	22,920
Tretiakov, Oleg A.	2	2	6	6

View list of Scopus Sources for the selected Researchers and Groups

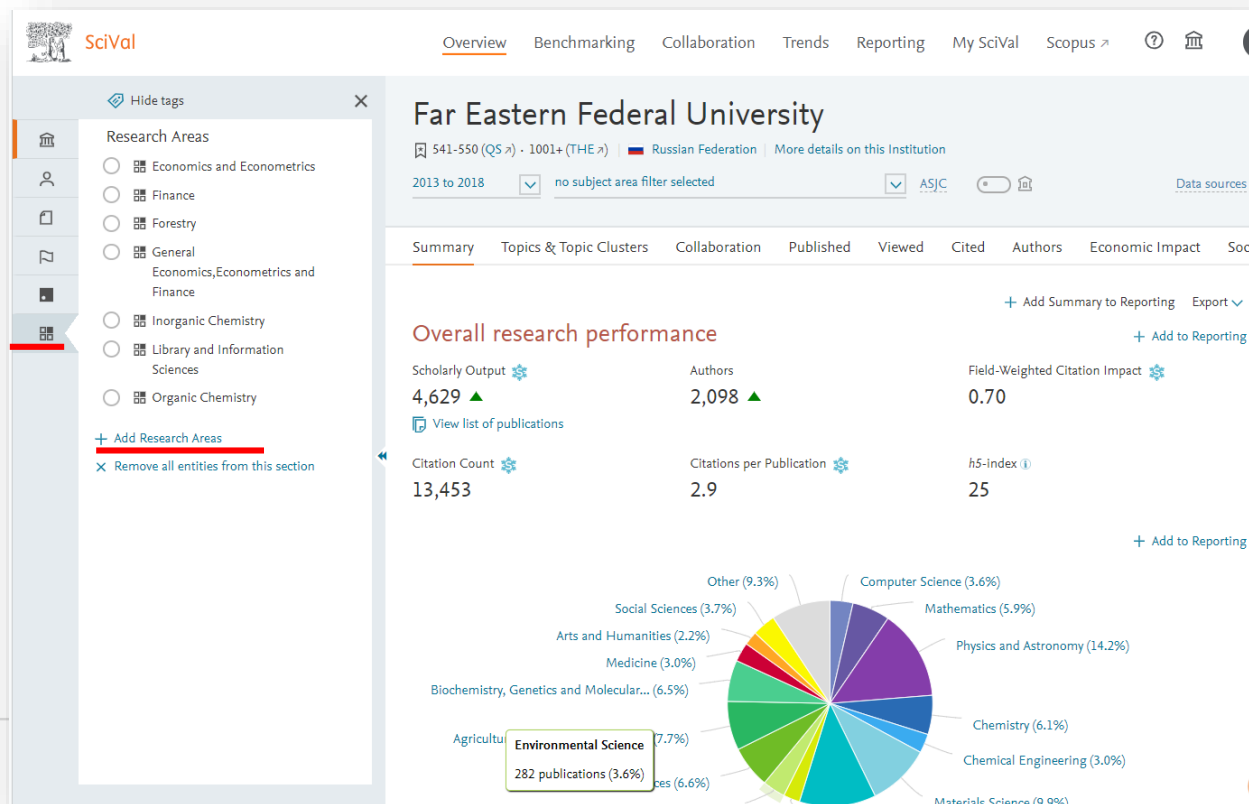
Создание своей области исследований для анализа



Создание своей области исследования для анализа ВОЗМОЖНО:

- на основе предметных подобластей классификации Scopus (ASJC) – **Research Areas**
- на основе представленных Topics и кластеров – **Topics and Topic Clusters**
- на основе ключевых слов и фраз в публикациях Scopus – **Research Areas**
- на основе публикаций конкретного журнала (-ов) – **Research Areas: Entity**
- на основе публикаций страны/группы стран – **Research Areas: Entity**
- на основе публикаций организации (-ций) – **Research Areas: Entity**
- на основе поиска в Scopus и импорта найденных результатов в SciVal – **Publication Set**

Создание области по ключевым словам или классификатора ASJC



Использование классификации ASJC

SciVal

Overview Benchmarking Collaboration Trends Reporting

> Deselect all Hide tags

Institutions and Groups

Researchers and Groups

Publication Sets

Countries and Groups

Topics and Topic Clusters

Research Areas

Ecology, Evolution, Behavior and Systematics

Cell Biology

Computer Science Applications

Environmental Engineering

Food Animals

Food Science

Forestry

General Agricultural and Biological Sciences

General Veterinary

Health, Toxicology and Mutagenesis

Horticulture

Insect Science

Find existing Research Area

Advanced Research Area search

Define a new Research Area

Add Research Areas

All Research Areas Filter by tags

Type to filter

Define a new Research Area

Name Tags

Agricultural and Biological Sciences (12)

Arts and Humanities (14)

Biochemistry, Genetics and Molecular Biology (16)

Business, Management and Accounting (11)

Chemical Engineering (9)

Chemistry (8)

Computer Science (13)

Decision Sciences (5)

Dentistry (7)

Earth and Planetary Sciences (14)

Economics, Econometrics and Finance (4)

Energy (6)

Engineering (17)

Environmental Science (13)

Health Professions (17)

Выбор подобластей ASJC

Опции работы с областями: создание на основе ключевых слов или публикаций в конкретном журнале и т.п.

SciVal

Overview Benchmarking Collaboration Trends Reporting

> Deselect all Hide tags

Institutions and Groups

Researchers and Groups

Publication Sets

Countries and Groups

Topics and Topic Clusters

Research Areas

- Ecology, Evolution, Behavior and Systematics
- Cell Biology
- Computer Science Applications
- Environmental Engineering
- Food Animals
- Food Science
- Forestry
- General Agricultural and Biological Sciences
- General Veterinary
- Health, Toxicology and Mutagenesis
- Horticulture
- Insect Science

Find existing Research Area

Advanced Research Area search

Define a new Research Area

Add Research Areas

Define a new Research Area

1. Create definition 2. Refine definition 3. Save definition

Use search terms Use entities Use Topics

Define a new Research Area based on publications that match...

all of these words:
"fatty acids"

any of these words:

none of these words:

Want to create a query yourself?
[Use advanced search](#)

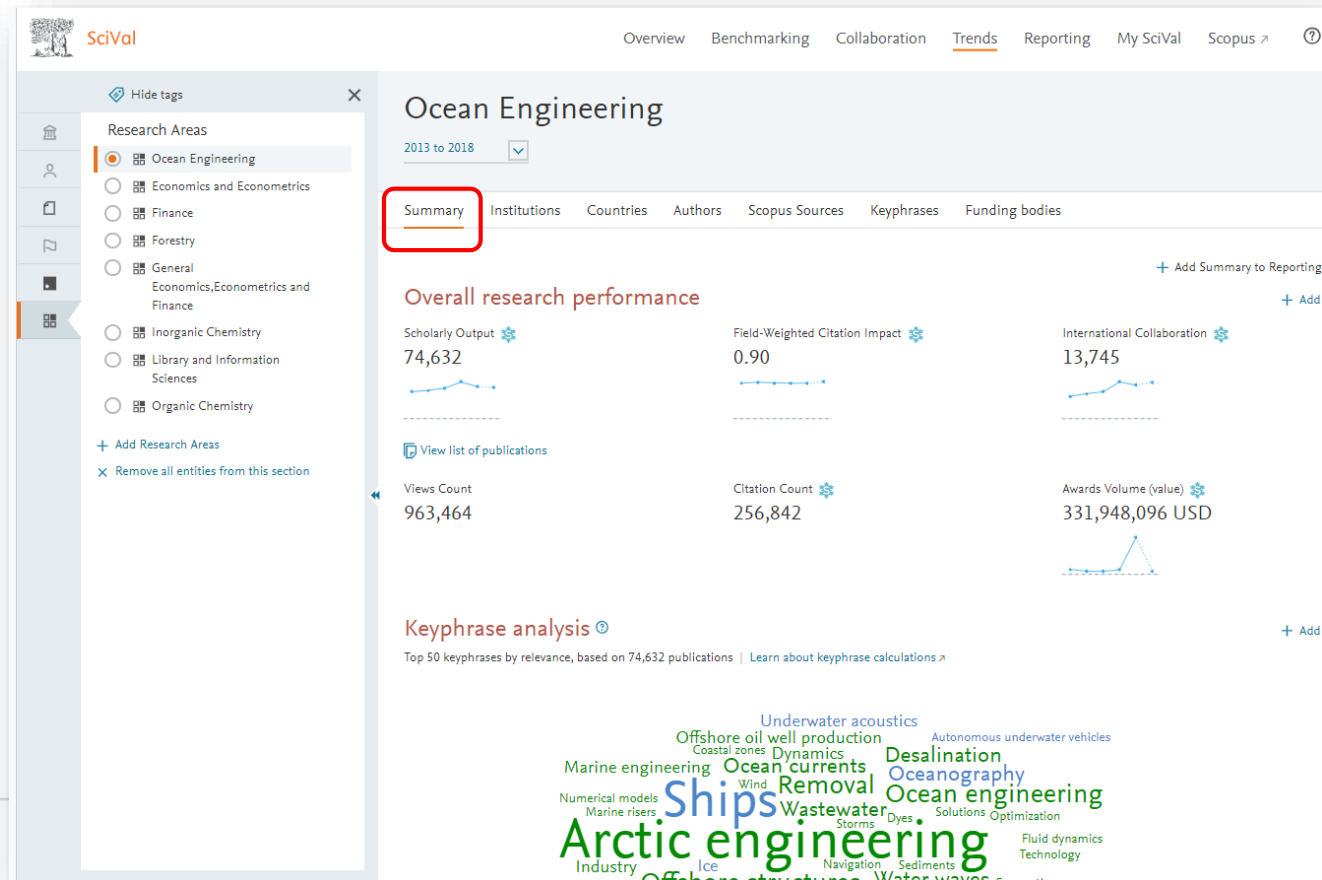
Use double quotes to treat words as being one term.
E.g. "Solar flares"
You do not need to use double quotes for single words.
[Learn more](#)

Search

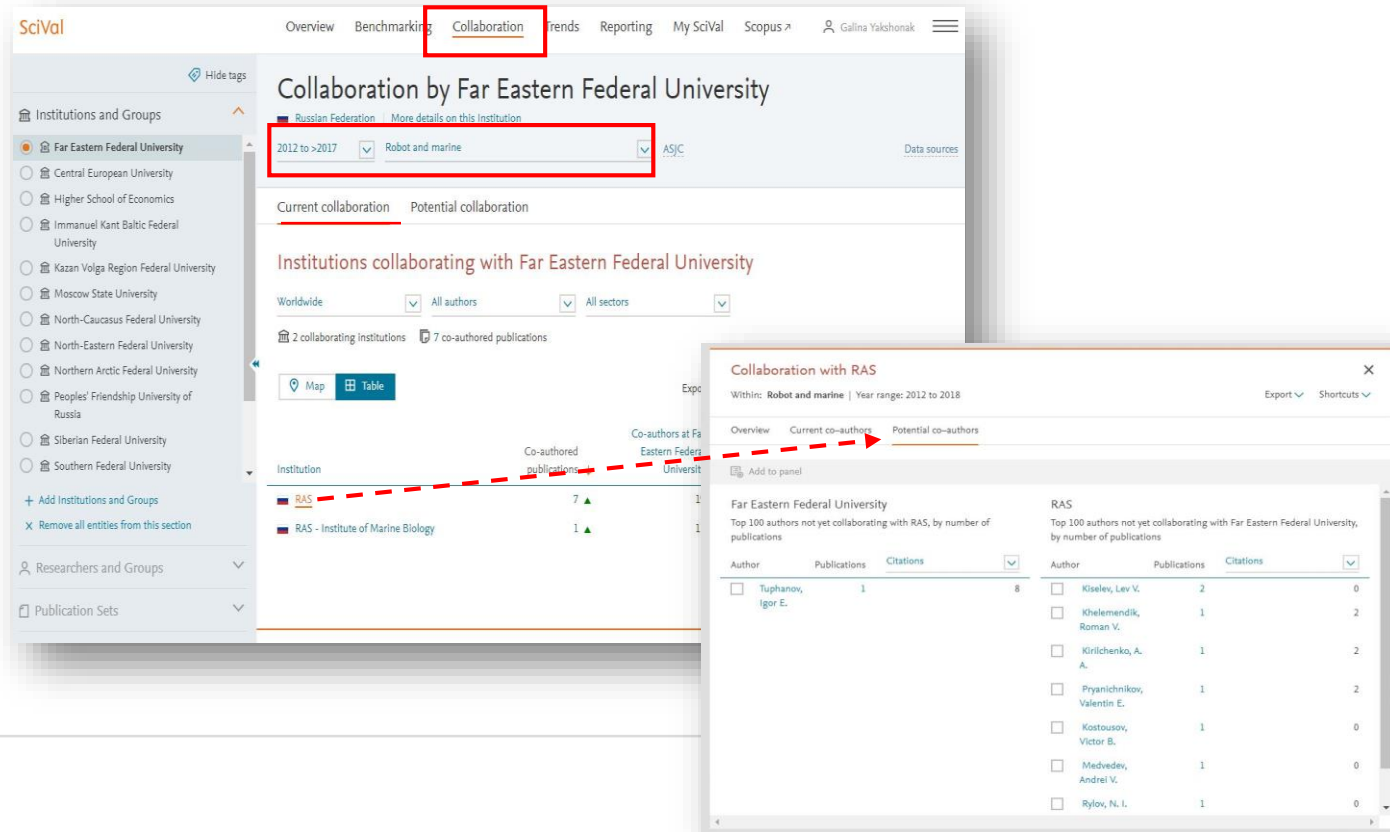
Mathematics (15)

На основании ключевых слов или публикаций в конкретном журнале; отдельной организации; нескольких предметных областях по ASJC или Topics

Оценка вклада в эту область и мировые игроки



Оценка текущего сотрудничества по созданной теме и его интенсификация (Collaboration)



Поиск по мировым тематикам

SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ?

Hide tags

Topics and Topic Clusters

- ☒ Perovskite; Solar cells; methylammonium lead T.20
- ☐ Ammonia; Dehydrogenation; hydrolytic dehydrogenation T.6348
- ☐ Binders; Composite materials; Carbon fibers T.45823
- ☐ Boron; Hydrogen Production; Ammonia TC.896
- ☐ Charcoal; soil; biochar amendment T.401
- ☐ Corrosion; Robots; collinear libration T.48688
- ☐ Culicidae; Aedes; LC90 values T.2008
- ☐ Cycloaddition Reaction; Rings (components); maleic

Find existing Topic or Topic Cluster

Perovskite

- ☒ Perovskite; Antiferromagnetism; double perovskites T.4259
- ☒ Perovskite; Antiferromagnetism; quadruple perovskite T.29737
- ☒ Perovskite; Electronic properties; band gap

Topic T.20 | part of Topic Cluster TC.8 - Photocatalysis; Photocatalysts; Solar Cells

Perovskite; Solar cells; methylammonium lead

2013 to 2018

Summary Institutions Countries Authors Scopus Sources Keyphrases Related Topics

+ Add Summary to Reporting Export

Overall research performance

Scholarly Output 11,109

Field-Weighted Citation Impact 4.43

International Collaboration 3,634

+ Add to Reporting

View list of publications

Views Count 490,905

Citation Count 408,504

Topic Prominence percentile 100.000

Topic character

☒ Keyphrase analysis ☐ Representative publications

Top 50 keyphrases by relevance, based on 11,109 publications | Learn about keyphrase calculations

Semiconductor quantum dots
Convergence of numerical methods
Grain boundaries
Photovoltaic cells
Bromine compounds
Light emission
Metal halide perovskites
Passivation
Silicon solar cells
Titanium dioxide
Cell engineering
Solar absorbers
Hybrid materials
Electron transport properties
Photodetectors
Heterojunctions

Perovskite

Цель: сделать результаты исследования более видимыми, цитируемыми, востребованными

Проанализируйте **топики**, в которых уже заявили ученые вуза, **направления исследований**, отражающие ваш научный интерес

При анализе данных обратите внимание на:

- **организации и авторов с высокими показателями** (Percentile in top cited articles/journals; Views; FWCI; FWVI: Social impact; Awarded grants) – как потенциальных будущих соавторов (возможно ваши организации уже сотрудничают по другим проектам?)
- вопросы, которые описывают эти авторы в своих исследованиях в рамках интересующей вас темы и насколько эти вопросы актуальны для вас
- журналы, в которых публикуются эти организации/авторы
- сотрудничество этих авторов и организаций по интересующей теме и его значение (Impact) – насколько «открыты» коллеги для сотрудничества или это больше локальные исследования?
- **журналы, в которых опубликованы статьи, по интересующей (созданной вами) тематике и их показатели** (Percentile in top cited articles; Views; FWCI: FWCV) – для подготовки следующей работы к публикации в одном из этих журналов
- география авторов этих журналов и есть ли среди них те, с кем уже был опыт совместной работы

Импорт, детализация, экспорт



Экспорт данных из Scopus

The screenshot shows the Scopus search results page for the query: `TITLE-ABS-KEY (acar) AND (LIMIT-TO (PUBYEAR, 2017) OR LIMIT-TO (PUBYEAR, 2016))`. The page displays 1,581 results. On the left, there are filters for Year (2017: 674, 2016: 507), Author, Field of Study, Document Type, Source Name, Keyword, Organization, and Country. The main results list shows four entries. The 'Export in SciVal' button is highlighted in the results list. A red arrow points from this button to the 'SciVal' radio button in the 'Export document settings' dialog box.

Export document settings

You have chosen to export 1,001 documents

Select your method of export:

☐ MENDELLEY ☐ RefWorks ☒ SciVal ☐ RIS Format (EndNote, Reference Manager) ☐ CSV (Excel) ☐ BibTeX ☐ Text (ASCII in HTML)

What information do you want to export?

Customize export

☐ Citation information	☐ Bibliographical information	☐ Abstract and Keywords	☐ Funding Details	☐ Other information
☐ Author(s)	☐ Affiliations	☐ Abstract	☐ Number	☐ Tradenames and Manufacturers
☐ Document title	☐ Serial identifiers (e.g. ISSN)	☐ Author Keywords	☐ Acronym	☐ Accession numbers and Chemicals
☐ Year	☐ PubMed ID	☐ Index Keywords	☐ Sponsor	☐ Conference information
☐ Source title	☐ Publisher		☐ Funding text	☐ Include references
☐ Volume, issue, Pages	☐ Editor(s)			
☐ Citation count	☐ Language of Original Document			
☐ Source and Document Type	☐ Correspondence Address			
☐ DOI	☐ Abbreviated Source Title			

Scopus can export up to 20,000 documents to SciVal. Cancel Export

Загрузка публикаций из Scopus в SciVal

The image displays the SciVal interface, which is used for analyzing research data. The left panel shows the 'Import Publication Set' process, and the right panel shows a 'Field-Weighted Citation Impact' bubble chart.

Import Publication Set

1. Review publications 2. Save Publication Set

6 of the 1,901 publications cannot be imported into SciVal.

Title	ID	Issue
	2-s2.0-85029831259	Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards.
	2-s2.0-85028841762	Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards.
	2-s2.0-85029454297	Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards.
	2-s2.0-85028550835	Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards.
	2-s2.0-85028547919	Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards.
	2-s2.0-85028925587	Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards.

SciVal

Home Overview **Benchmarking** Collaboration Trends Reporting My SciVal Scopus Galina Yakshonak

> Deselect all Hide tags 2012 to 2016 no subject area filter selected

Institutions and Groups Researchers and Groups Publication Sets Political system from Scopus Add Publication Sets Remove all entities from this section Countries and Groups Topics and Research Areas

Field-Weighted Citation Impact

Field-Weighted Views Impact Scholarly Output

Publication Sets Political system from Scopus

Topics and Research Areas Political system civil society; resistance; politics T.36365

View list of Scopus Sources for the selected Researchers and Groups

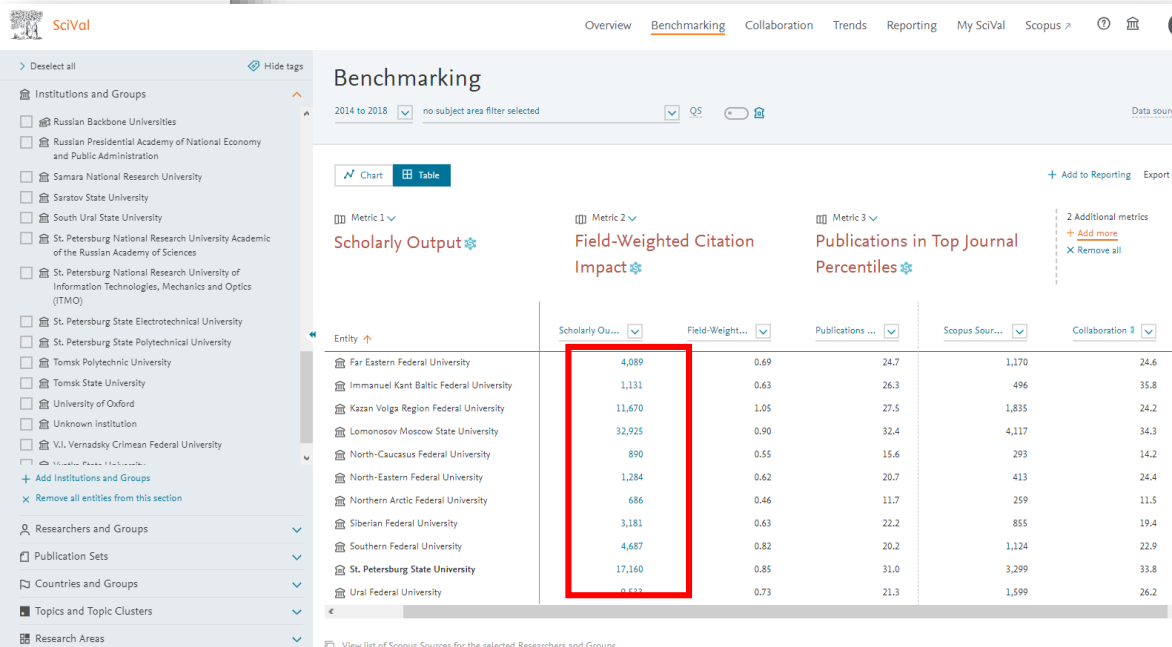
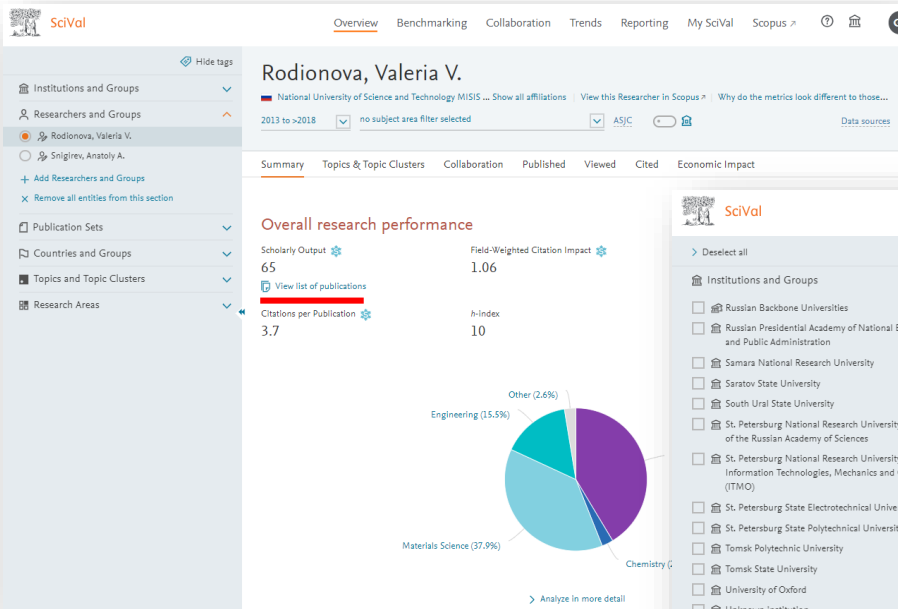
3.22K 1.81K 357 Scholarly Output

Metrics details

y-axis: Field-Weighted Citation Impact Types of publications included: all. Self-citations included: yes.

x-axis: Field-Weighted Views Impact Types of publications included: all.

Детальный анализ на уровне статей



Детальный анализ на уровне статей (2)

Year range: 2012 to 2018

3,081 publications

Authors

All authors

Khonina, S.N. 161

Kotlyar, V.V. 116

Doskolovich, L.L. 92

Kazanskiy, N.L. 90

Porfirev, A.P. 75

Show more

Author numbers

All authors

< 10 3,043

< 50 3,078

< 100 3,080

Institutions

All institutions

Samara National Research University 3,081

RAS 901

RAS - Pn Lebedev Physics Institute 112

Samara State Technical University 89

Trakhtengauz State University 43

Title

Applied topological analysis of crystal structures with the program package topopro

View in Scopus >

View abstract >

Nanocluster analysis of intermetallic structures with the program package TOPOS

View in Scopus >

View abstract >

Two metal-organic frameworks with unique high-connected binodal network topologies: Synthesis, structures, and catalytic properties

View in Scopus >

View abstract >

High-nuclearity cobalt coordination clusters: Synthetic, topological and magnetic aspects

View in Scopus >

Authors

Blatov, V.A., Shevchenko, D., Proserpio, D.M.

Blatov, V.A.

Cui, G.-H., He, C.-H., Jiao, C.-H. and 2 more

Kostakis, G.E., Perlepes, S.P., Blatov, V.A. and 2 more

2012

2012

2012

Structural Chemistry

CrystEngComm

Coordination Chemistry Reviews

297

164

124

Export

Export the list of publications to a spreadsheet file (CSV)

Export the list of publications to a spreadsheet file (XLS)

Print page / Save as PDF (e.g. Chrome)

Export publications

Select the fields you want to include in the export for your selected publications.

Select all | Deselect all | Reset to default selection

Publication basics

Title

Authors

Year

Scopus Source title

DOI

Publication-type

Institutions

Scopus Source related

Volume

Issue

Pages

ISSN

Source ID

Source-type

SNIP 2017

CiteScore 2017

SJR 2017

Publication details

Reference

Abstract

EID (Scopus ID)

PubMed ID

Number of Authors

Scopus Author IDs

Scopus affiliation IDs

Scopus affiliation names

Country or region

All Science Journal Classification (ASJC)

Topic related

Topic Cluster name

Topic Cluster number

Topic name

Topic number

Publication metrics

Views

Field-weighted views Impact

Citations

Field-weighted citation Impact

Outputs in Top Citation Percentiles, per percentile

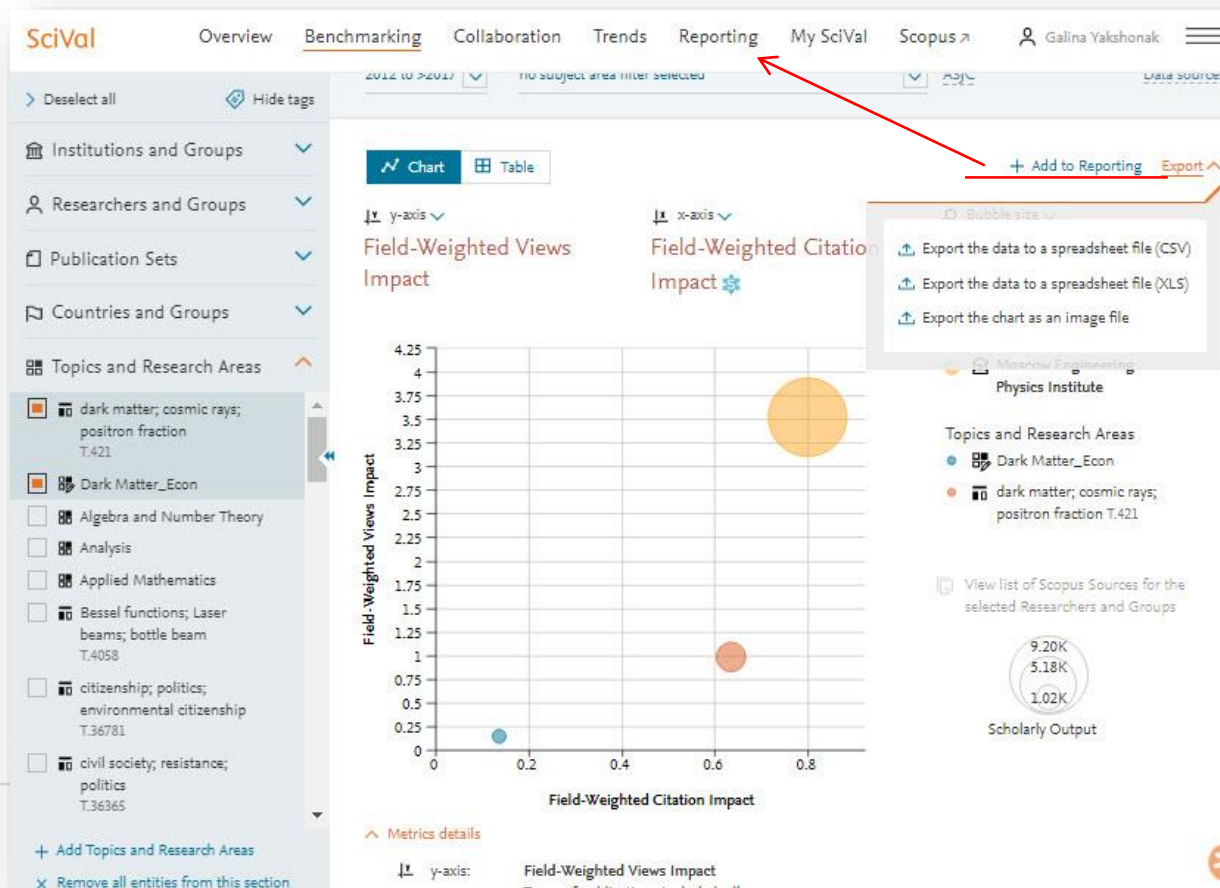
Field-Weighted Outputs in Top Citation Percentiles, per percentile

13 Truncated Some Authors cells are truncated and therefore show the first 500 Authors. Some Institutions cells are truncated and therefore show the first 100 Institutions.

Title	Authors	Number of Scopus Au	Year	Scopus So	Volume	Issue	Pages	ISSN	Source-ty	SNIP 2016	CiteScore	SJR 2016	Field-Wei	Views	Citations	Field-Wei	Outputs in	Field-Wei
GEANT4 - / Agostinelli		127	10041722	2003	Nuclear In	506	3	250-303	1689002	Journal	1.352	1.44	0.916	0	944	9398	133.8	1
Review of Beringer, J.		195	14067325	2012	Physical F	86	1	-	1.6E+07	Journal	1.144	-	-	0	429	5277	460.3	1
Review of Olive, K.A.		209	14067325	2014	Chinese Pl	38	9	-	1.7E+07	Journal	0.381	3.35	0.314	15.25	194	4619	231.8	1
Review of Amsler, C.		173	10045236	2008	Physics Le	667	01-May	01-Jun	3702693	Journal	2.265	4.33	3.309	62.52	1562	4405	65.86	1
Review of Nakamura		179	14067325	2010	Journal of	37	7:00 AM	-	9543899	Journal	0.983	1.97	1.178	0	208	4333	65.41	1
Observati Aad, G., Ak		2932	10039166	2012	Physics Le	716	1	Jan-29	3702693	Journal	2.265	4.33	3.309	181.24	2693	3807	212.97	1
Geant4 de Allison, J.		73	10046049	2006	IEEE Trans	53	1	270-278	189499	Journal	1.048	1.43	0.567	13.89	304	2578	90.58	1
Experimer Adams, J.		369	12751926	2005	Nuclear Pl	757	1-2 SPEC.	102-183	3759474	Journal	1.04	1.57	1.116	9.89	299	1997	30.54	1
The ATLAS Aad, G., Ak		2926	10039166	2008	Journal of	3	8	-	1.7E+07	Journal	1.064	1.22	0.908	120.33	1582	1636	105.38	1

Publications (18)

Использование данных для отчетности, экспорт



SciVal – аналитический инструмент для широкого круга пользователей

Немедленный доступ к просмотру и анализу мировых исследований с целью:

- Изучения результатов и выявления преимуществ внутри своей организации и других организаций, авторов, тем
- Сравнительного анализа по разным наборам данных (от стран, организаций до исследовательских тем и групп)
- Определения партнеров для сотрудничества (от локального до международного)
- Отслеживания динамики и мониторинга изменений на рынке



Thank you

www.elsevierscience.ru

Г. П. Якшонок

g.yakshonak@elsevier.com

