



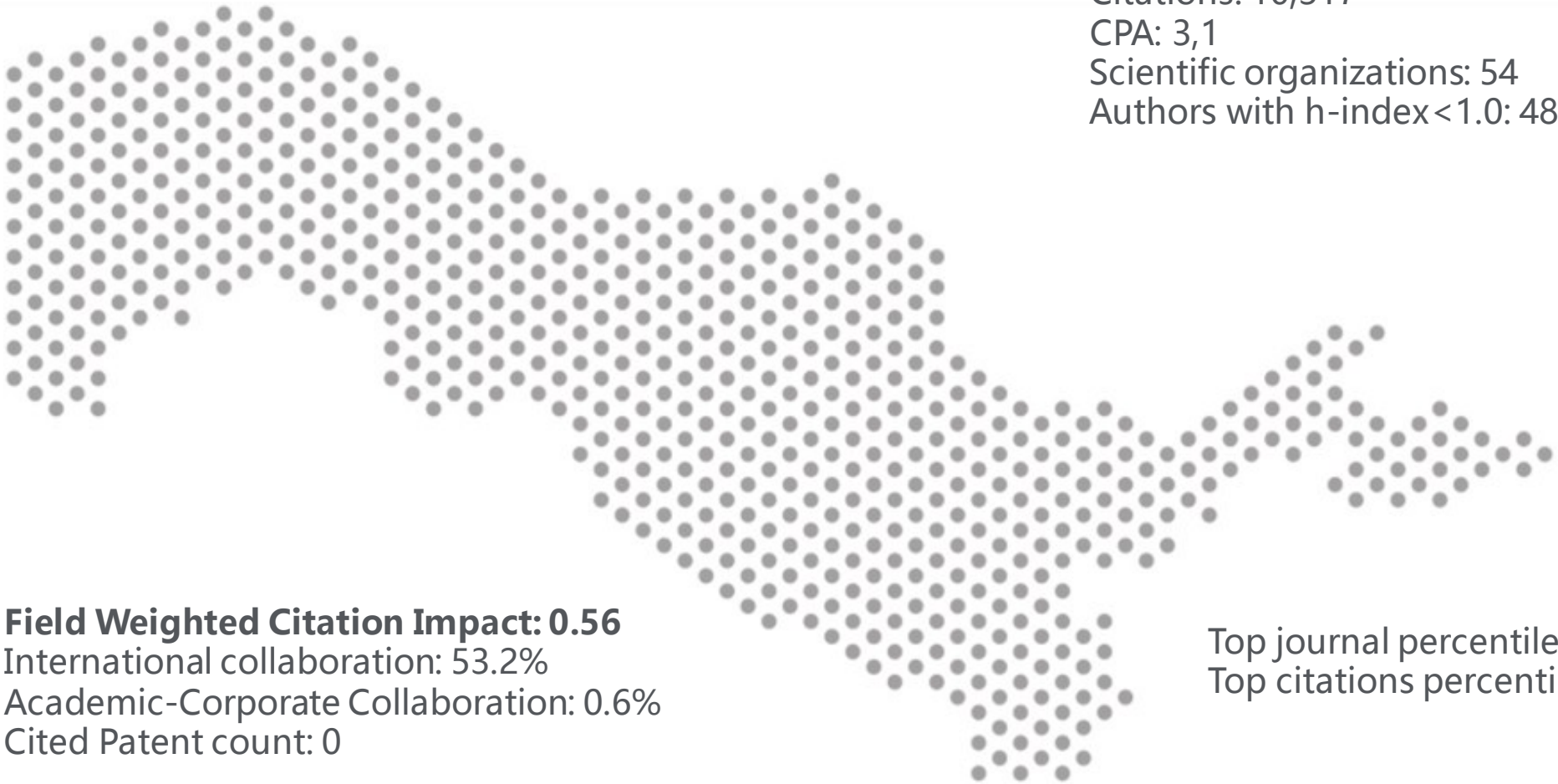
ELSEVIER

SciVal

Алия Оспанова
Андрей Локтев

Апрель 2019





Publications: 3,277
Citations: 10,317
CPA: 3,1
Scientific organizations: 54
Authors with h-index < 1.0: 488

Field Weighted Citation Impact: 0.56

International collaboration: 53.2%
Academic-Corporate Collaboration: 0.6%
Cited Patent count: 0

Top journal percentile:
Top citations percentile:

Рейтинги



Рейтинги, зависят от Показателей:

- Организаций
- Учёных
- Журналов
- Публикаций



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Для подготовки аналитических отчётов, WE Forum использует данные ERC(European Research Council), OECD, UN analytics, THE(Times Higher Education) и QS рейтинги и другие. Все эти организации официально и эксклюзивно используют Скопус для измерения наукометрических показателей



GLOBAL INNOVATION INDEX 2018

ИСТОЧНИКИ СТАТИСТИЧЕСКОЙ ИНФОРМАЦИИ



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WORLD
ECONOMIC
FORUM



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Established by the European Commission



WORLD BANK GROUP



МЕТОДОЛОГИЯ РЕЙТИНГОВ THE, QS И ARWU: КАКИЕ РЕЗУЛЬТАТЫ ОТ УНИВЕРСИТЕТОВ МОЖНО ОЖИДАТЬ В КАКИЕ СРОКИ?



TIMES HIGHER EDUCATION (THE)
WORLD UNIVERSITY RANKINGS

QS WORLD UNIVERSITY
RANKINGS

ACADEMIC RANKING OF
WORLD UNIVERSITIES (ARWU)

Education

Faculty-student ratio 4,5%

Faculty-student ratio 20%

Alumni Nobels 10%

Institutional Income 2,25%

Doctorates to academic staff ratio 6%

Doctorates to bachelor's ratio 2,25%

Reputation Survey 15%

Research

Citation Impact 30%

Citations per faculty 20%

Faculty Nobels 20%

Reputation Survey 18%

Reputation 40%

Papers in Nature and Science 20%

Research income 6%

Highly cited researchers 20%

Research productivity 6%

Papers in Science Citation Index 20%



4/12/2019

Основной рейтинг - WUR

МЕТОДОЛОГИЯ РЕЙТИНГОВ THE, QS И ARWU: КАКИЕ РЕЗУЛЬТАТЫ ОТ УНИВЕРСИТЕТОВ МОЖНО ОЖИДАТЬ В КАКИЕ СРОКИ?



TIMES HIGHER EDUCATION (THE)
WORLD UNIVERSITY RANKINGS

QS WORLD UNIVERSITY
RANKINGS

ACADEMIC RANKING OF
WORLD UNIVERSITIES (ARWU)

**International
Outlook**

International students 2,5%

International students 5%

International faculty 2,5%

International faculty 5%

International research papers 2,5%

**Knowledge
transfer**

Industry income 2,5%

**Employer
reputation**

Employer reputation 10%

Productivity

Per-capita performance 10%



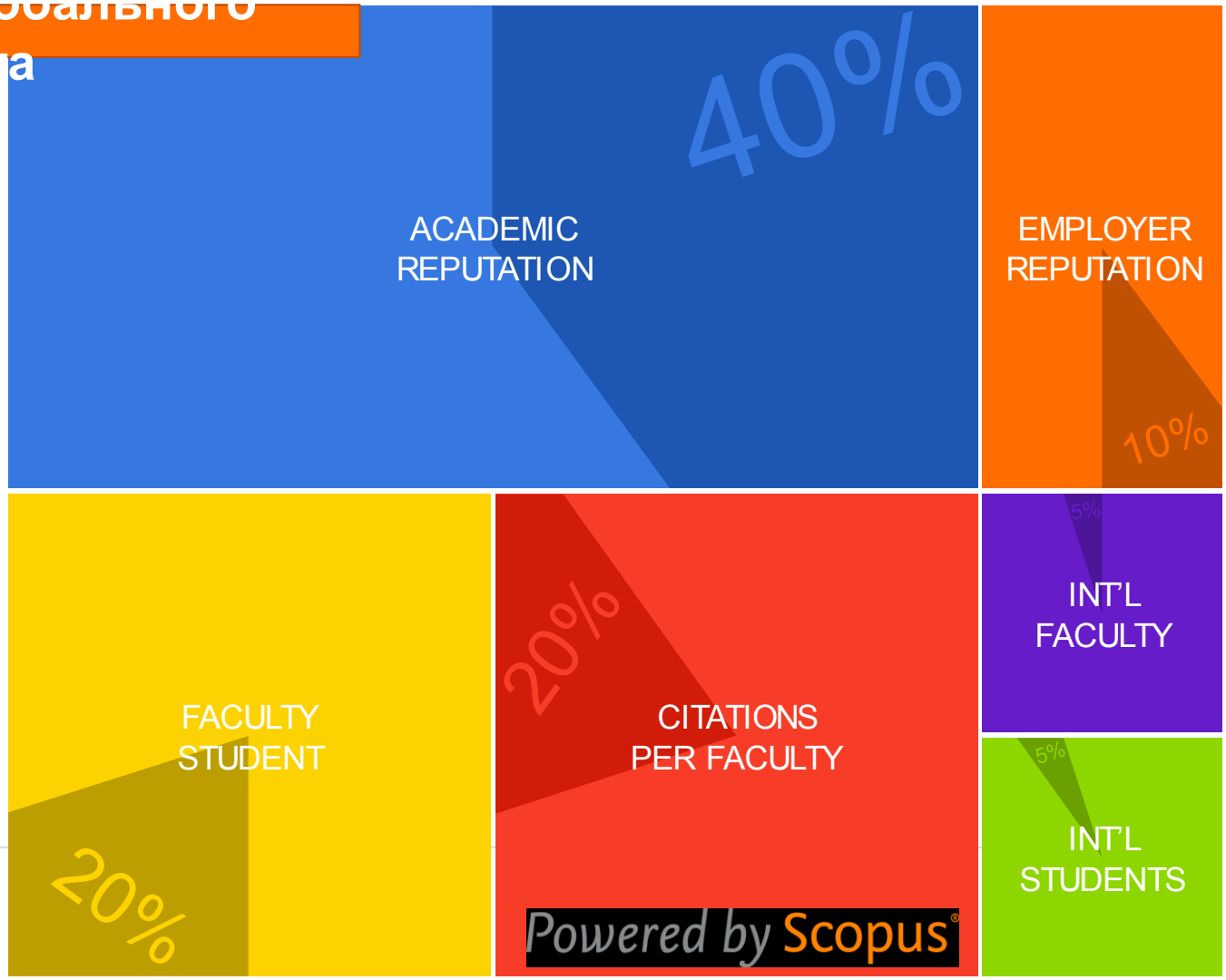
4/12/2019

Основной рейтинг - WUR

Методология глобального рейтинга



- Consistent, simple methodology
- Stable results
- Discipline independent
- Language independent
- Low dependence self-reporting



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BY REGION

- ASIA
- LATIN AMERICA
- ARAB REGION
- EECA
- BRICS

BY SUBJECT

- 48 SPECIFIC SUBJECTS
- 5 BROAD AREAS
- GLOBAL MBA
- DISTANCE/ ONLINE MBA
- EMBA
- BUSINESS MASTERS

BY CONTEXT

- BEST STUDENT CITIES
- HE SYSTEMS

BY MISSION

- GRADUATE EMPLOYABILITY
- REIMAGINE EDUCATION
- QS STARS

BY TYPE

- QS CLASSIFICATIONS
- TOP 50 UNDER 50

Independent Measures

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ACADEMIC
REPUTATION

EMPLOYER
REPUTATION

CITATIONS
PER PAPER

H
INDEX

Следить за корректностью



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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.

(*required fields)

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Configure, visualize and export information according to your personal needs through SciVal's integrated modular platform:



Overview

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



Benchmarking

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



Collaboration

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



Trends

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



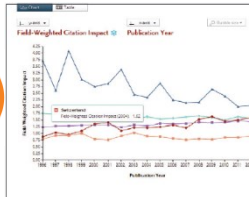
Если вы ранее не регистрировались в Scopus или ScienceDirect, пройдите по ссылке **Register Now**.

SciVal в одном слайде

Overview



Benchmarking



Collaboration

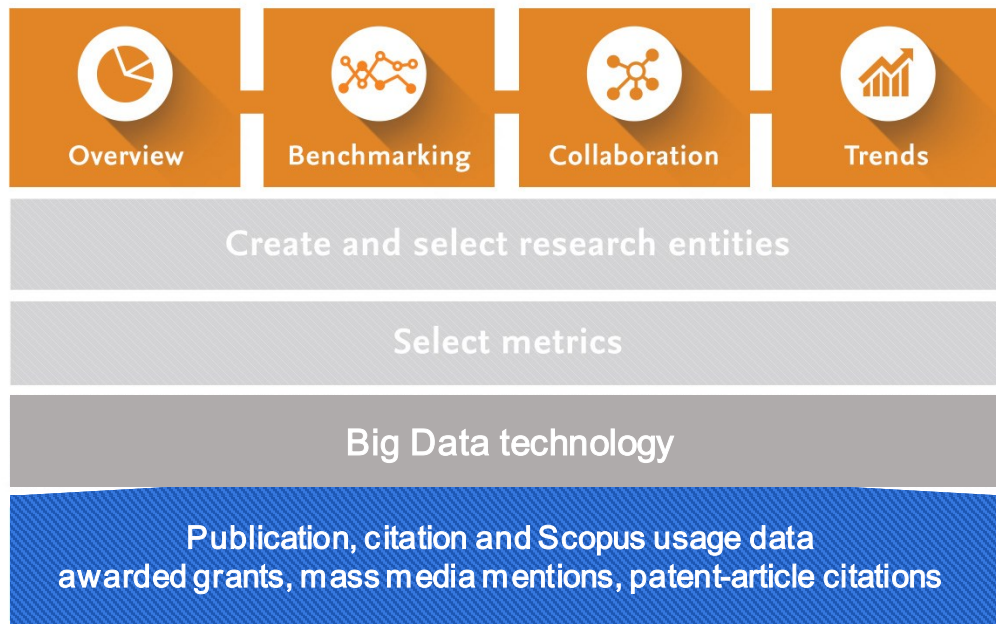


Trends



- Анализ большого объема данных
- Аналитические данные по 220 странам
- Аналитические данные по 7500 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 20 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)

Архитектура SciVal



Источники данных SciVal

Scopus

Publication,
Citation, usage data

newsflo
bespoke media monitoring



Publication, citation and Scopus usage data, mass media mentions, patent-article citations

Что такое Scopus?

22,800+ академических журналов

5,000+ издательств из 105 стран

145,000+ книг

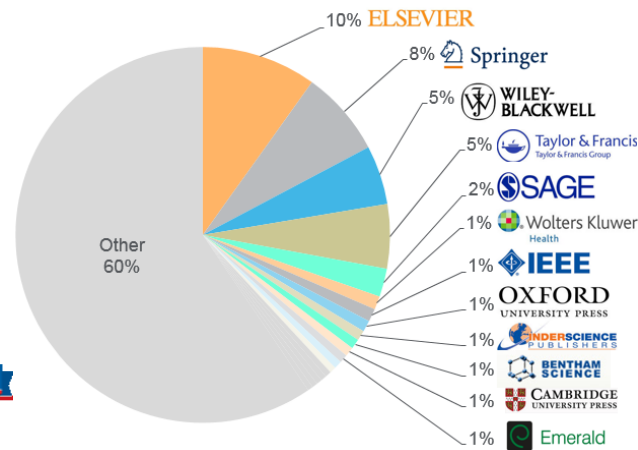
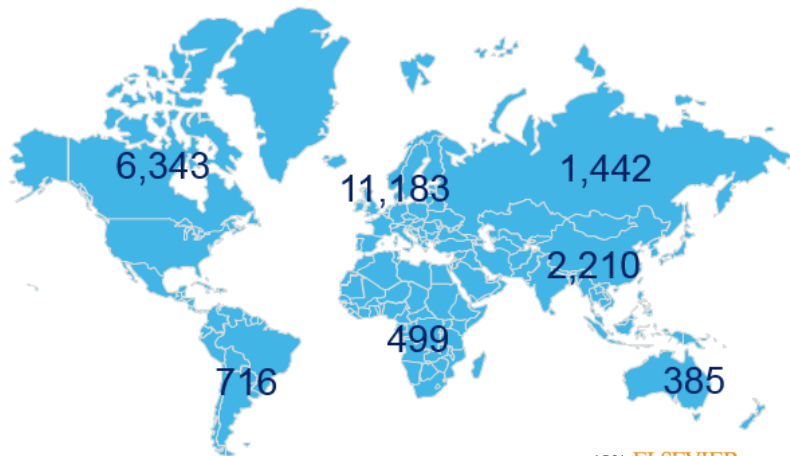
25+ млн. патентных записей

Метрики журналов:

SNIP: The Source-Normalized Impact per Paper

SJR: The SCImago Journal Rank

CiteScore



АКАДЕМИЧЕСКИЕ РЕЙТИНГИ



Содержание Scopus и данные в SciVal



На какие вопросы можно ответить с помощью SciVal?

“Как мы можем продемонстрировать свои сильные стороны для успешной подачи заявки на грант?”



“Я рассматриваю разные сценарии создания нового научного центра. Какие данные могут мне помочь в принятии решения?”



“Проректор едет с визитом в Китай. С кем мы там сотрудничаем и как мы можем развить это или новое сотрудничество?”






“Как мне определить ведущих специалистов в своей области исследования для поиска вариантов сотрудничества?”









Более 30 разных метрик для решения ваших задач





Productivity metrics

-  Scholarly Output
-  Outputs in Top Percentiles
-  Publications in Top Journal Percentiles

Citation Impact metrics

-  Citation Count
-  Citations per Publication
-  Cited Publications
-  Number of Citing Countries
-  h -indices (h , g , m)
-  Field-Weighted Citation Impact
- Citing-Patent Count
- Patent-Cited Scholarly Output
- Patent-Citations Count
- Patent-Citations per Scholarly Output

Collaboration metrics

-  Collaboration (geographical)
-  Collaboration Impact (geographical)
-  Academic-Corporate Collaboration
-  Academic-Corporate Collaboration Impact

Disciplinary metrics

- Journal count
- Journal category count

Usage metrics (Trends module)

- Views Count
- Views per Publication
- Field-Weighted Views Impact

Societal Impact Metrics

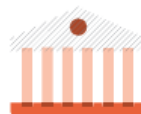
- Mass Media
- Media Exposure



Research Metrics Guidebook

Для более полного понимания метрик вам доступен Учебник по наукометрическим показателям на английском (Research Metrics Guidebook) с подробным описанием всех метрик в SciVal.

- **Принципы расчета**
 - Scopus как источник данных
- **Выбор подходящих метрик**
 - Что влияет на их значение?
- **Для каждой метрики**
 - Ситуации, когда метрика полезна
 - Когда следует быть осторожным и как устранить недостатки
 - Рабочие примеры применения



4.0 SciVal and research metrics

| | | |
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Два золотых правил использования метрик

Всегда используйте количественные и качественные метрики для принятия решений

Используйте преимущества двух подходов, не заменяйте один другим

Объединение двух подходов позволяет точнее восстановить **полную картину**

Новое знание появляется, когда эти подходы показывают разные сообщения

Всегда используйте более одного наукометрического показателя для количественной оценки

Сильная сторона одной метрики может **дополнить** слабость другой

Есть **много путей** добиться успеха

Использование нескольких метрик помогает бороться с накруткой

Как выбрать метрику?

6 факторов могут влиять на наукометрический показатель:

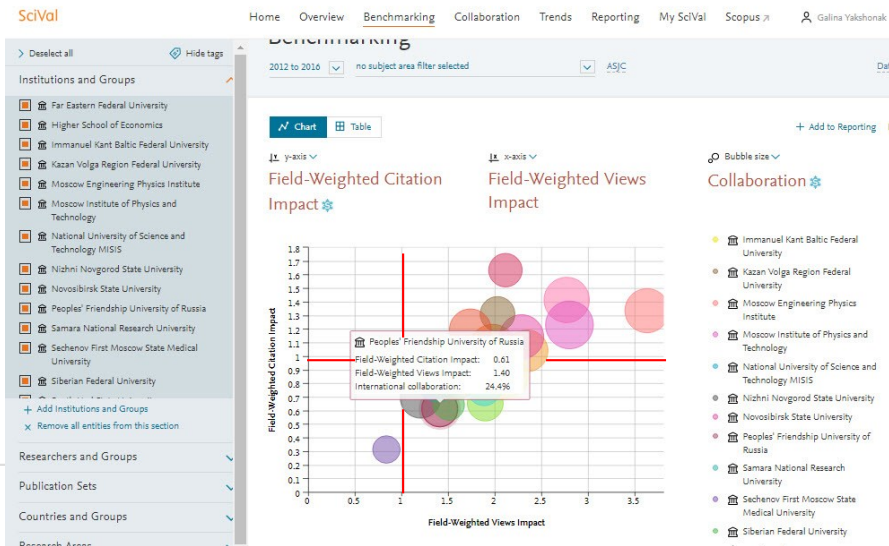
- Объем выборки
- Тип публикации
- Манипуляции
- Научная область
- Охват базы данных
- Временной период

| | Size-normalized? | Field-normalized? | Publication-type normalized? | Resistant to data-base coverage? | Difficult to manipulate? | Time-independent? |
|---|------------------|-------------------|------------------------------|----------------------------------|--------------------------|-------------------|
| Academic-Corporate Collaboration | Diagonal lines | | | | Dark purple | Dark purple |
| Academic-Corporate Collaboration Impact | Dark purple | | | | | |
| Awards Volume | | | | | Dark purple | Dark purple |
| Citation Count | | | | | | |
| Citations Per Publication | Dark purple | | | | | |
| Cited Publications | Diagonal lines | | | | | |
| Citing-Patents Count | | | | | Dark purple | |
| Collaboration | Diagonal lines | | | | Dark purple | Dark purple |
| Collaboration Impact | Dark purple | | | | | |
| Field-Weighted Citation Impact | Dark purple | Dark purple | Dark purple | Dark purple | Dark purple | |
| Field-Weighted Mass Media | Dark purple | Dark purple | Dark purple | Dark purple | | Dark purple |
| Field-Weighted Views Impact | Dark purple | Dark purple | Dark purple | Dark purple | | |
| <i>h</i> -indices | | | | | | |
| Mass Media | | | | | Dark purple | Dark purple |
| Media Exposure | Dark purple | | | | Dark purple | Dark purple |
| Number of Citing Countries | | | | | Dark purple | |

Подробнее о некоторых метриках - FWCI

FWCI (показатель цитируемости, взвешенный по предметной области, Field-weighted citation impact) – отношение числа цитирований, полученных анализируемыми публикациями, к среднему числу 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.



Классификаторы SciVal

ASJC – All Science Journal Classification

Used in Scopus. This is the default scheme in SciVal.

[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](#)

QS – Quacquarelli Symonds Classification

Used in QS World University Rankings. It covers 5 subject areas and 46 subjects.

[View more details](#)

THE – Times Higher Education Classification

Used in the THE World University Rankings. It covers 11 subject areas mapped to ASJC.

[View more details](#)

FoR – Fields of Research (FoR) List

Part of the Australian and New Zealand Standard Research Classification.

[View more details](#)

KAKEN – Database of Grants-in-Aid for Scientific Research

KAKEN category definitions are used by the Japanese Kakenhi Program and covers approximately 300 categories organized into 4 levels.

[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](#)

Домашняя страница SciVal

SciVal

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

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](#)

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[Follow @SciVal](#)

SciVal Retweeted

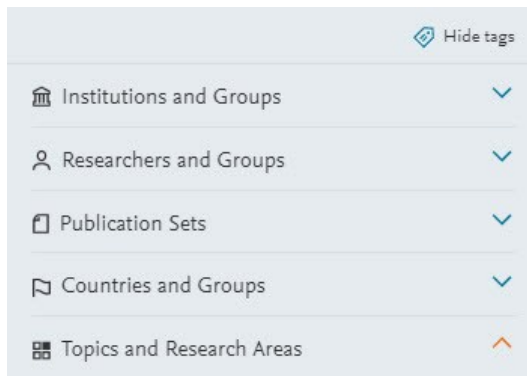


[@ElsevierConnect](#)
The 4 types of #UX savvy behind @SciVal:
[bit.ly/2n94eVE](#) #WomeninSTEM



Основные уровни/объекты анализа

SciVal предлагает анализ по 5 различным уровням/типам объектов



- 7500 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

- 334 готовых предметных областей (по классификации Scopus). Необходимо просто выбрать и добавить
- 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

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

Общие показатели организации, включая рейтинговые

Turin Polytechnic University in Tashkent

ТПТУ · Tashkent shahridagi Turin politexnika universiteti · Туринский политехнический университет в г. Ташкенте

 Uzbekistan | [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](#) | [Societal](#)

[+ Add Summary t](#)

Overall research performance


Scholarly Output 

96 ▲


[View list of publications](#)

Authors


32 ▼

Field-Weighted Citation Impact 


1.19

Citation Count 

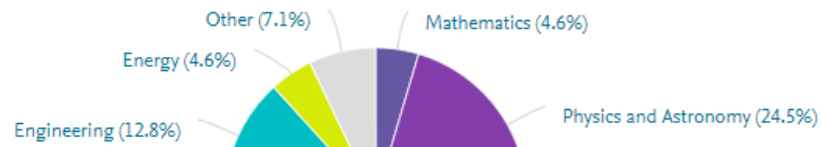
739

Citations per Publication 

7.7

h5-index 

11



Общие показатели организации, включая рейтинговые

Samara National Research University

701-750 (QS) · 801-1000 (THE) · Russian Federation | [More details on this Institution](#)

2015 to 2018 | no subject area filter selected | ASJC

[Summary](#) | [Topics](#) | [Awarded Grants](#) | [Collaboration](#) | [Published](#) | [Viewed](#) | [Cited](#) | [Economic Imp](#)

Overall research performance

Scholarly Output

2,932 ▲

[View list of publications](#)

Authors

1,404 ▲

Field-Weighted Citation Impact

0.88

Citation Count

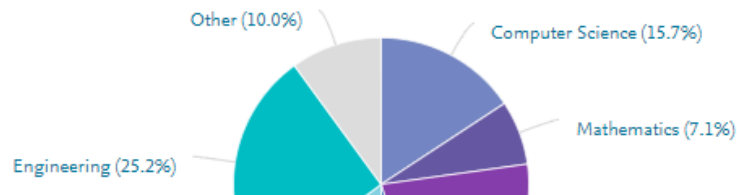
5,576

Citations per Publication

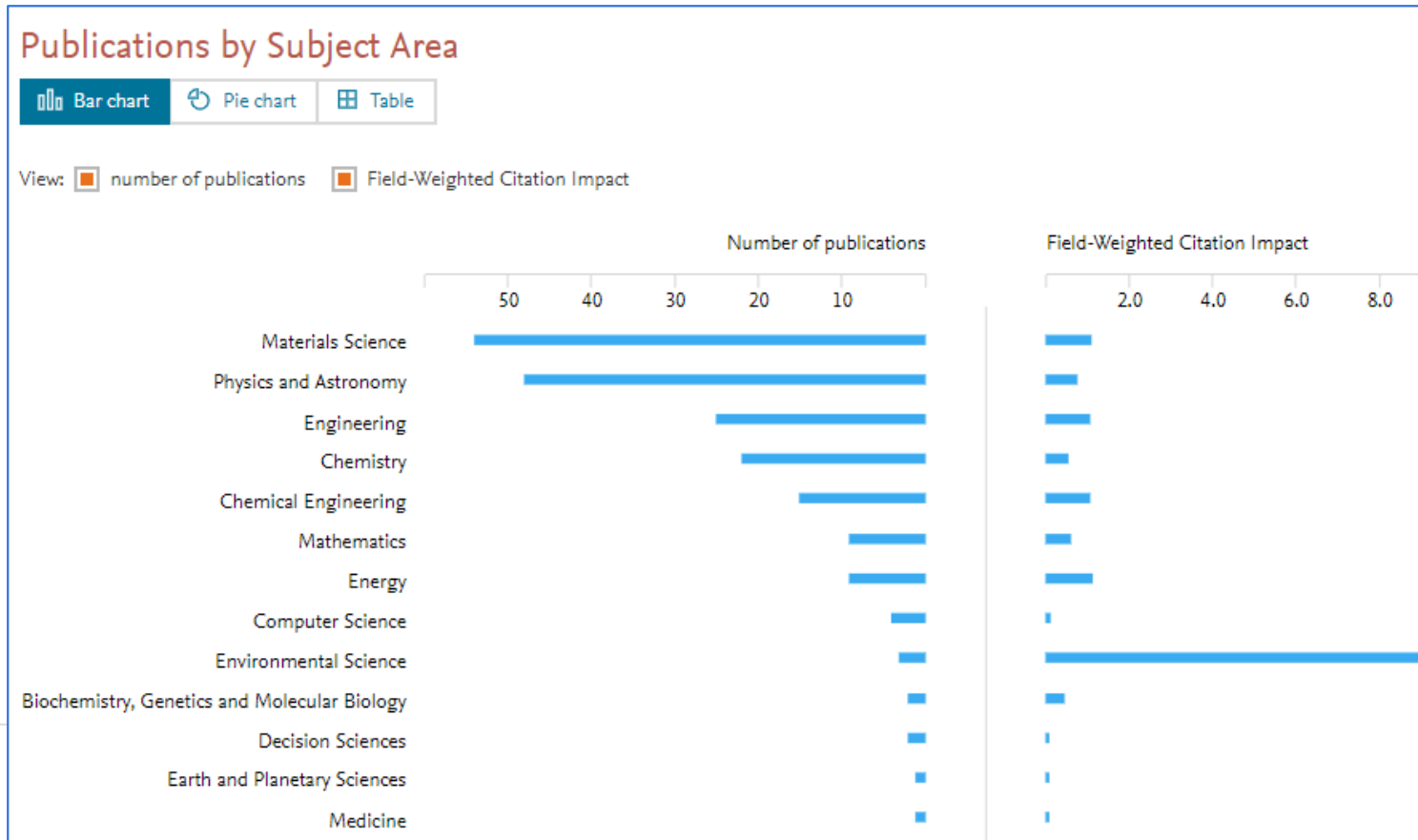
1.9

h5-index

26



Какие публикации приносят «выгоду» организации?







Оценка публикаций в коллаборациях

Collaboration

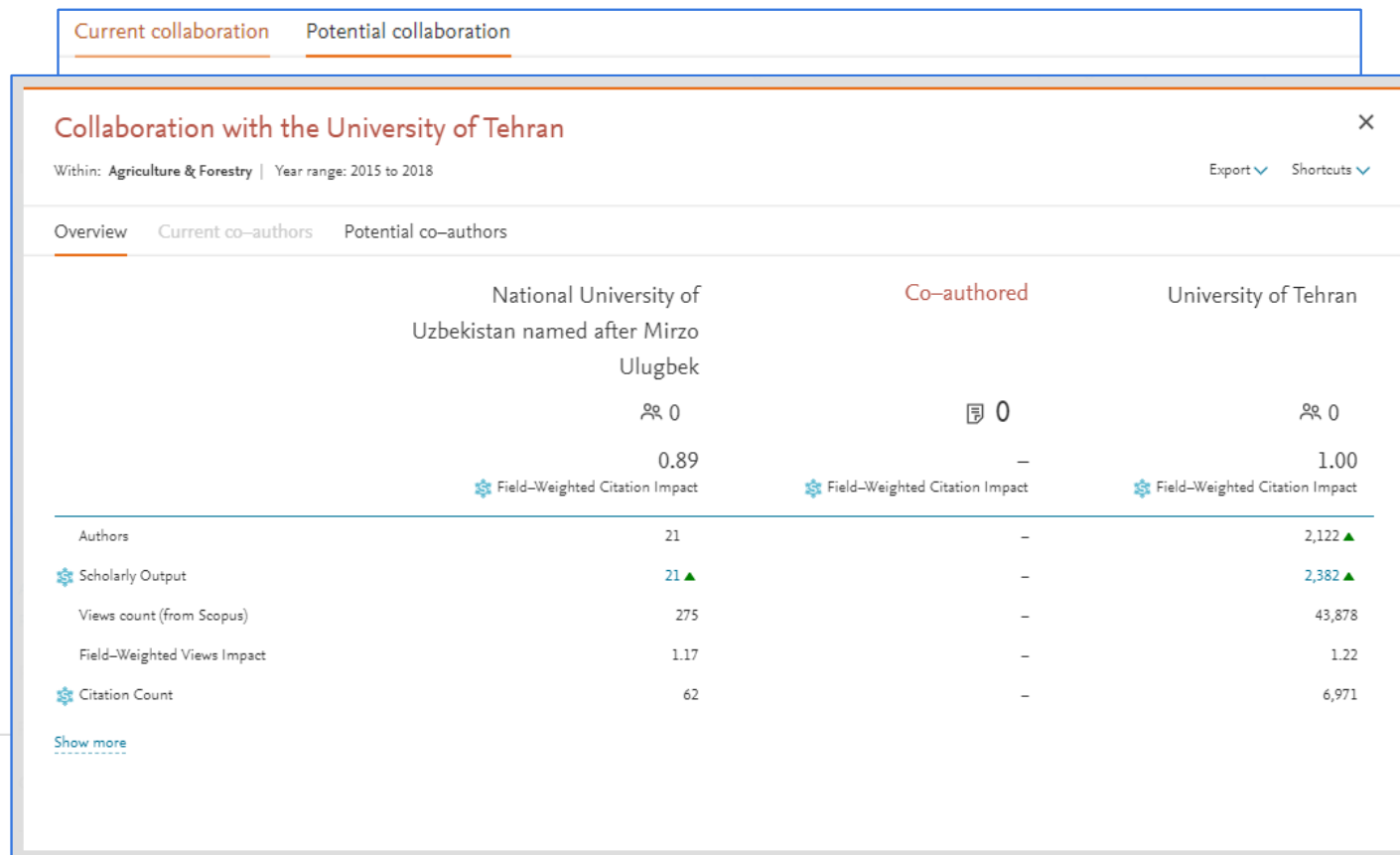
[+ Add to Reporting](#) [Shortcuts](#) 

Publications at the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, by amount of international, national and institutional collaboration



| Metric | | Publications | Citations | Citations per Publication | Field-Weighted Citation Impact |
|--|-------|--------------|-----------|---------------------------|--------------------------------|
|  International collaboration | 63.3% | 31 | 61 | 2.0 | 0.57 |
|  Only national collaboration | 10.2% | 5 | 4 | 0.8 | 0.29 |
|  Only institutional collaboration | 20.4% | 10 | 5 | 0.5 | 0.03 |
|  Single authorship (no collaboration) | 6.1% | 3 | 0 | 0.0 | 0.00 |

Возможности коллабораций – в будущем



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



Overview Benchmarking Collaboration Trends Reporting My SciVal Settings

> Deselect all Hide tags

Institutions and Groups

- Russian Backbone Universities
- Russian Presidential Academy of National Economy and Public Administration
- Samara National Research University
- Saratov State University
- South Ural State University
- St. Petersburg National Research University Academic of the Russian Academy of Sciences
- St. Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO)
- St. Petersburg State Electrotechnical University
- St. Petersburg State Polytechnical University
- Tomsk Polytechnic University
- Tomsk State University
- University of Oxford
- Unknown Institution
- Vyatka State University
- Yurga State University

+ Add Institutions and Groups

Remove all entities from this section

Researchers and Groups

Publication Sets

Countries and Groups

Topics and Topic Clusters

Research Areas

Benchmarking

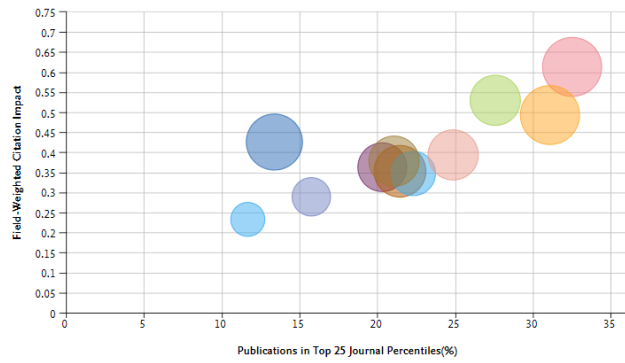
2014 to 2018 no subject area filter selected ASJC

Chart **Table**

y-axis **Field-Weighted Citation Impact**

x-axis **Publications in Top Journal Percentiles**

Bubble size **Collaboration**



Field-Weighted Citation Impact

The ratio of citations received relative to the expected world average for the subject field, publication type and publication year.

Include self-citations

Include:

- All publication types
- Articles only
- Articles and reviews
- Articles, reviews and conference papers
- Articles, reviews and editorials
- Articles, reviews, editorials, short surveys
- Conference papers only
- Articles and conference papers

Choose metric >



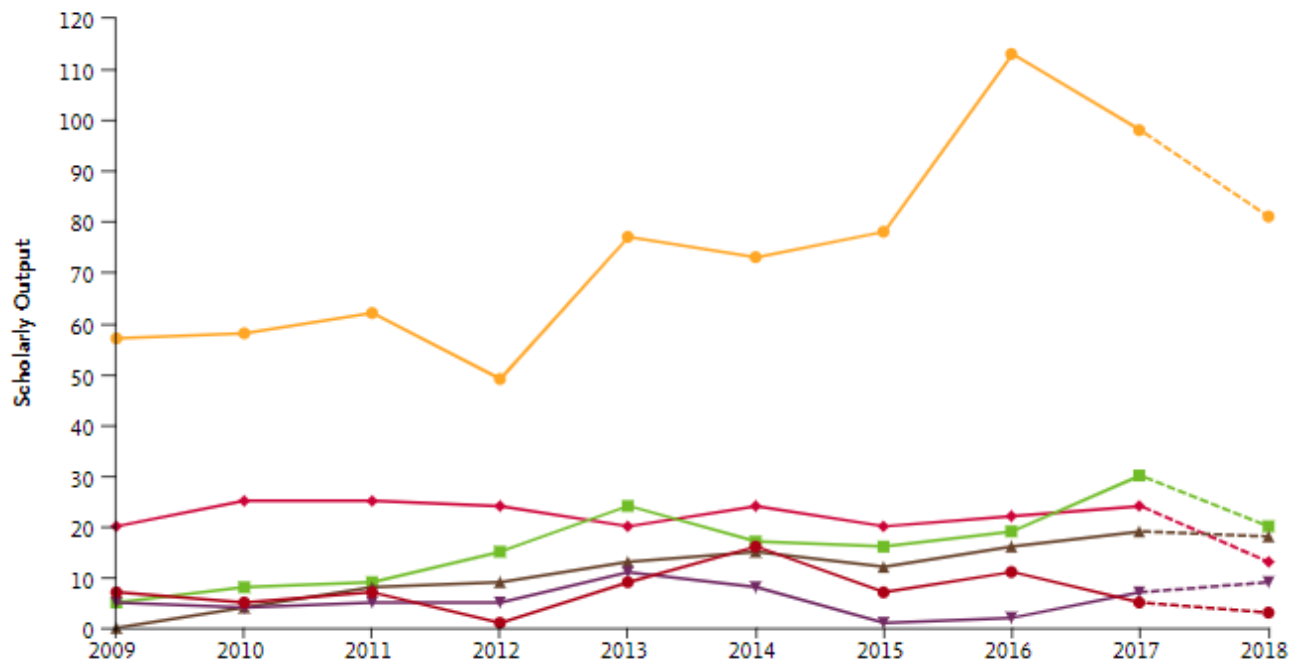
y-axis

x-axis

Bubble size

Scholarly Output

Publication Year



Institutions and Groups

- National University of Uzbekistan named after Mirzo Ulugbek
- Samarkand State University
- Tashkent Institute of Irrigation and Agricultural Mechanization Engineers
- Tashkent Medical Academy
- Tashkent State Technical University
- Turin Polytechnic University in Tashkent

[View list of Scopus Sources for the selected Researchers and Groups](#)

y-axis

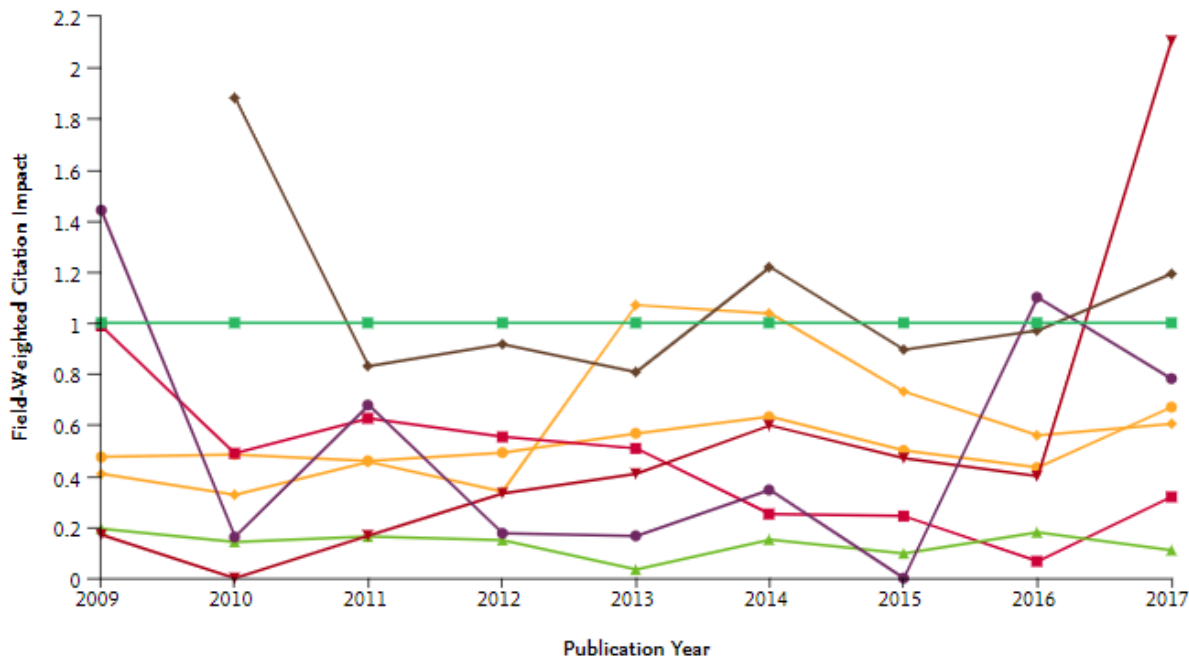
x-axis

Bubble size

Field-Weighted Citation

Publication Year

Impact



Institutions and Groups

- National University of Uzbekistan named after Mirzo Ulugbek
- Samarkand State University
- Tashkent Institute of Irrigation and Agricultural Mechanization Engineers
- Tashkent Medical Academy
- Tashkent State Technical University
- Turin Polytechnic University in Tashkent

Countries and Groups

- Uzbekistan
- World



y-axis

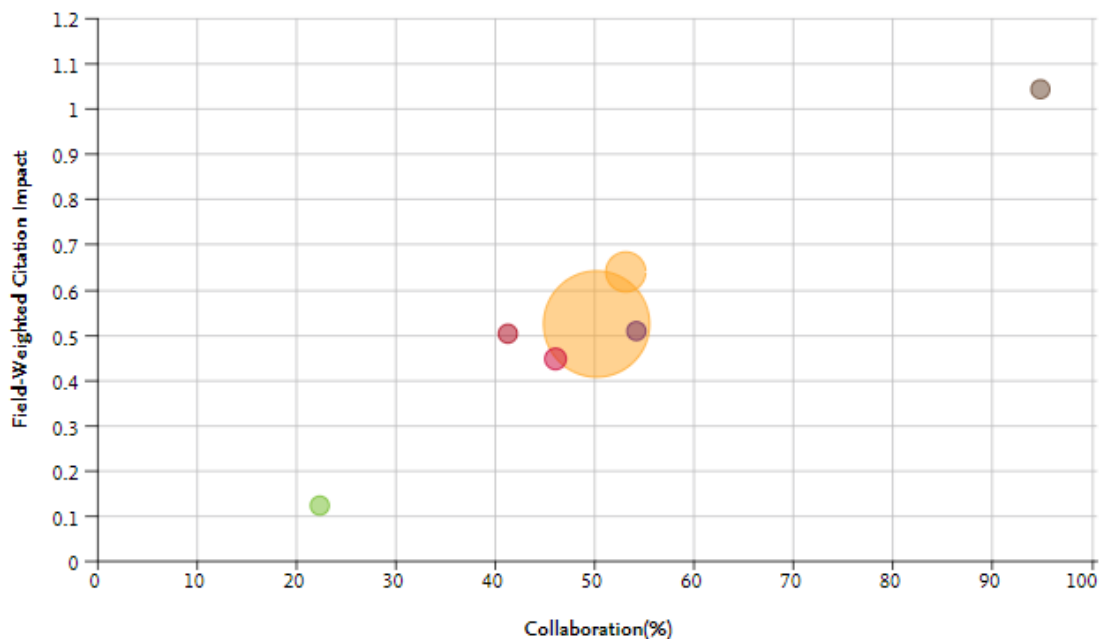
Field-Weighted Citation
Impact

x-axis







Collaboration

Bubble size



Scholarly Output



Institutions and Groups

-   National University of Uzbekistan named after Mirzo Ulugbek
-   Samarkand State University
-   Tashkent Institute of Irrigation and Agricultural Mechanization Engineers
-   Tashkent Medical Academy
-   Tashkent State Technical University
-   Turin Polytechnic University in Tashkent

Countries and Groups

-   Uzbekistan

 [View list of Scopus Sources for the selected Researchers and Groups](#)

Детальный анализ на уровне статей

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

Benchmarking 2015 to 2017 no subject area filter selected ASJC Data sources

Chart Table + Add to Reporting Export

Metric 1 Field-Weighted Citation Impact Metric 2 Field-Weighted Views Impact Metric 3 Scholarly Output

| Entity | Field-Weighted Citation Impact | Field-Weighted Views Impact | Scholarly Output |
|--|--------------------------------|-----------------------------|------------------|
| Alferov, G. V. | 3.03 | 5.07 | 12 |
| Moscow State University | 0.64 | 1.58 | 19,911 |
| St. Petersburg State University | 0.49 | 1.68 | 10,826 |
| Vechernin, Vladimir V. | 1.78 | 9.74 | |

View list of Scopus Sources for the selected Researchers and Groups

Metrics details

- Metric 1: Field-Weighted Citation Impact
Types of publications included: all. Self-citations included: no.
- Metric 2: Field-Weighted Views Impact
Types of publications included: all.
- Metric 3: Scholarly Output
Types of publications included: all.

https://www.scival.com/benchmarking/analyse



Детальный анализ на уровне статей (2)

Publications at Samara National Research University

Year range: 2012 to 2018

3,081 publications

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)

▼ 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

Togliatti State University 41

| Title | Authors | Year | Journal | Volume | Issue | Pages | ISSN | Source-type | SNIP 2016 | CiteScore | SJR 2016 | Field-Wei | Views | Citations | Field-Wei | Outputs | Field-Wei |
|---|--|------|--------------------------------|--------|-------|-------|------|-------------|-----------|-----------|----------|-----------|-------|-----------|-----------|---------|-----------|
| Applied topological analysis of crystal structures with the program package topospro | Blatov, V.A., Shevchenko, A., Proserpio, D.F. and 2 more | 2012 | Structural Chemistry | 297 | | | | | | | | | | | | | |
| Nanocluster analysis of intermetallic structures with the program package TOPOS | Blatov, V.A. | 2012 | Structural Chemistry | 297 | | | | | | | | | | | | | |
| Two metal-organic frameworks with unique high-connected binodal network topologies: Synthesis, structures, and catalytic properties | Cui, G.-H., He, C.-H., Jiao, C.-H. and 2 more | 2012 | CrystEngComm | 164 | | | | | | | | | | | | | |
| High-nuclearity cobalt coordination clusters: Synthetic, topological and magnetic aspects | Kostakis, G.E., Perlepis, S.P., Blatov, V.A. and 2 more | 2012 | Coordination Chemistry Reviews | 124 | | | | | | | | | | | | | |

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)

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

Topic related

- Topic Cluster name
- Topic Cluster number
- Topic name
- Topic number

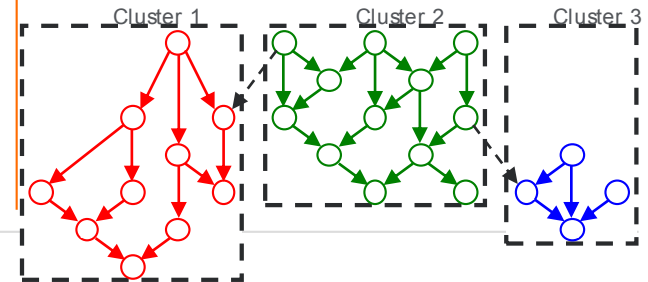
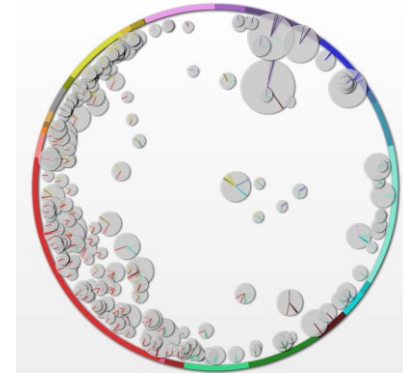
13 Truncated Some Authors cells are truncated and therefore show the first 500 Authors. Some Institutions cells are truncated and therefore show the first 100 Institutions.

| Title | Authors | Number of | Scopus Au | Year | Scopus So | Volume | Issue | Pages | ISSN | Source-type | SNIP 2016 | CiteScore | SJR 2016 | Field-Wei | Views | Citations | Field-Wei | Outputs | 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 | 1 |
| Review of Beringer, J | | 195 | 14067325 | 2012 | Physical R | 86 | 1 - | | 1.6E+07 | Journal | 1.144 | - | - | 0 | 429 | 5277 | 460.3 | 1 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 1 |

Export publications > Cancel >

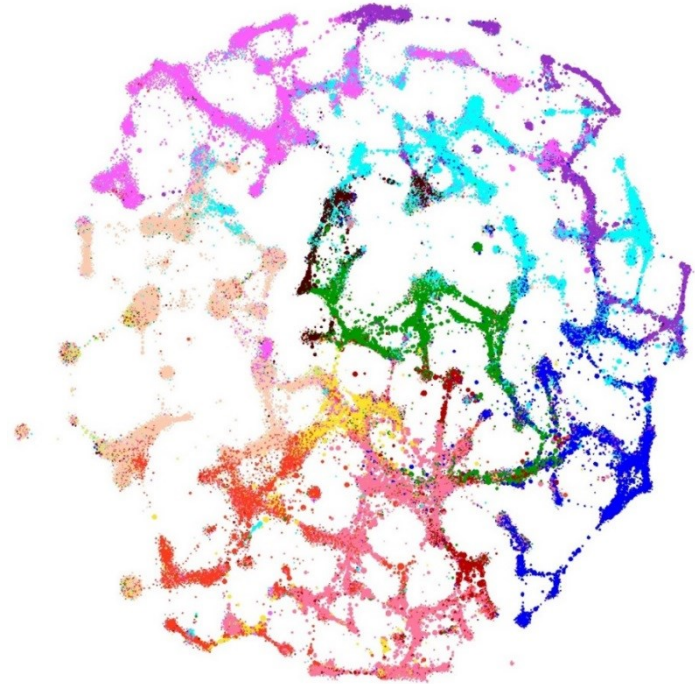
Новый шаг в анализе науки

- 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



Пример модели и карта

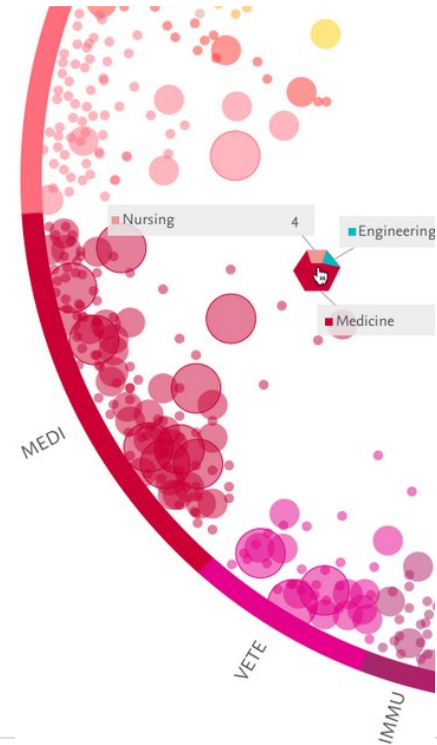
- Данные Scopus 1996-2013
- 582 млн цитирующих-цитируемых пар, 24.6 млн источников EID, 23.8 млн цитируемых не индексируемых EID
- Расчет значения связей для 582 млн пар
- Использование SLM (smart local moving algorithm) с разрешением 3×10^{-5}
- Несколько кластеров с <50 единицами влились в более крупные кластеры
- Результат – 91,726 кластеров (научных тем)



Klavans, R. and K.W. Boyack, Research portfolio analysis and topic prominence. Journal of Informetrics, 2017 (under review).

Модель может быть расширена со временем

- Работы 2013-2015 были дополнительно добавлены к существующей модели с их ссылками (90% точности)
- Нет необходимости в построении новой модели каждый год
- Такая стабильность позволяет использовать ее для принятия решений



Что это дает отдельному ученому?

Full Text Copac BIBSYS X

Carbonates and Evaporites

Volume 29, Issue 2, June 2014, Pages 211-219

The large Aral Sea water balance: A future prospective of the large Aral Sea depending on water volume alteration (Article)

Gaybullaev, B.^a ✉, Chen, S.-C.^a ✉, Gaybullaev, G.^b 🔍

^aDepartment of Soil and Water Conservation, National Chung Hsing University, Kuo-Kuang Rd, South District, Taichung 40227, Taiwan

^bDepartment of Geochemistry, Mineralogy and Petrography, National University of Uzbekistan, Universitet Rd, Talabalar shaharchasi, Tashkent 100174, Uzbekistan


Краткое описание

▼ Просмотр приставных ссылок (38)

The Aral Sea is the biggest saline lake in Central Asia. The Amu Darya and Syr Darya rivers flow into the Aral Sea. These rivers were heavily used for irrigation fields after 1960 because of Soviet Union plans. Consequently, the Aral Sea separated into two parts: Large Aral Sea to the south and a small Aral Sea in the north in 1987. The current study estimated the evaporation and precipitation rates of the Large Aral Sea by examining Aral Sea observed records from 1987 to 2011. As a result, the precipitation decreased exponentially from 5.8 km³ in 1987 to 2 km³ in 2011. Evaporation exponentially reduced from 34.2 km³ in 1987 to 5 km³ in 2011. The Nash-Sutcliffe model was used to predict the water volume by using previously observed and estimated data of the large Aral Sea precipitation, runoff, and evaporation from 2001 to 2025. The estimations indicate the large Aral Sea water volume will decrease to approximately 21.1 km³ in 2025 ($R^2 = 0.9654$). The forecasted value of the water volume in the Large Aral Sea after 2025 will slowly decrease and eventually diminish to zero by 2057 if all variables remain unchanged. © 2013 Springer-Verlag Berlin Heidelberg.

Важность темы SciVal ⓘ


Тема: Water management | Irrigation | water resources

Процентиль важности: 86.107  ⓘ



2 Цитаты в Scopus

0.11 Взвешенный по области знаний индекс цитирования

 Параметры PlumX ▼
Использования, сбор данных, упоминания, записи в соцсетях и цитирования за пределами Scopus.

[Просмотреть все параметры >](#)

Цитирования в 2 документах

Depositional model for a salinized lacustrine basin: The Permian Lucaogou Formation, Jimсар Sag, Junggar Basin, NW China
Yang, Y., Qiu, L., Wan, M.
(2018) *Journal of Asian Earth Sciences*

Land suitability evaluation for changing spatial organization in Urmia County towards conservation of Urmia Lake
Nouri, H., Mason, R.J., Moradi, N.
(2017) *Applied Geography*

Water management; Irrigation; water resources T.17600

2013 to 2017



no subject area filter selected



THE

[Data sources](#)

Summary

Institutions

Countries

Authors

Scopus Sources

Keyphrases

Related Topics

+ Add Summary to Reporting Export

Overall research performance

+ Add to Reporting

Scholarly Output

272



[View list of publications](#)

Views Count

5,922

Field-Weighted Citation Impact

1.21



Citation Count

1,218

International Collaboration

109



T.17600 is in the **86th** percentile by worldwide Topic Prominence.

86.107



Prominence combines 3 metrics to indicate the momentum of the Topic.

| Citation Count | Scopus Views Count | Average CiteScore |
|----------------|--------------------|-------------------|
| 80 | 846 | 1.82 |

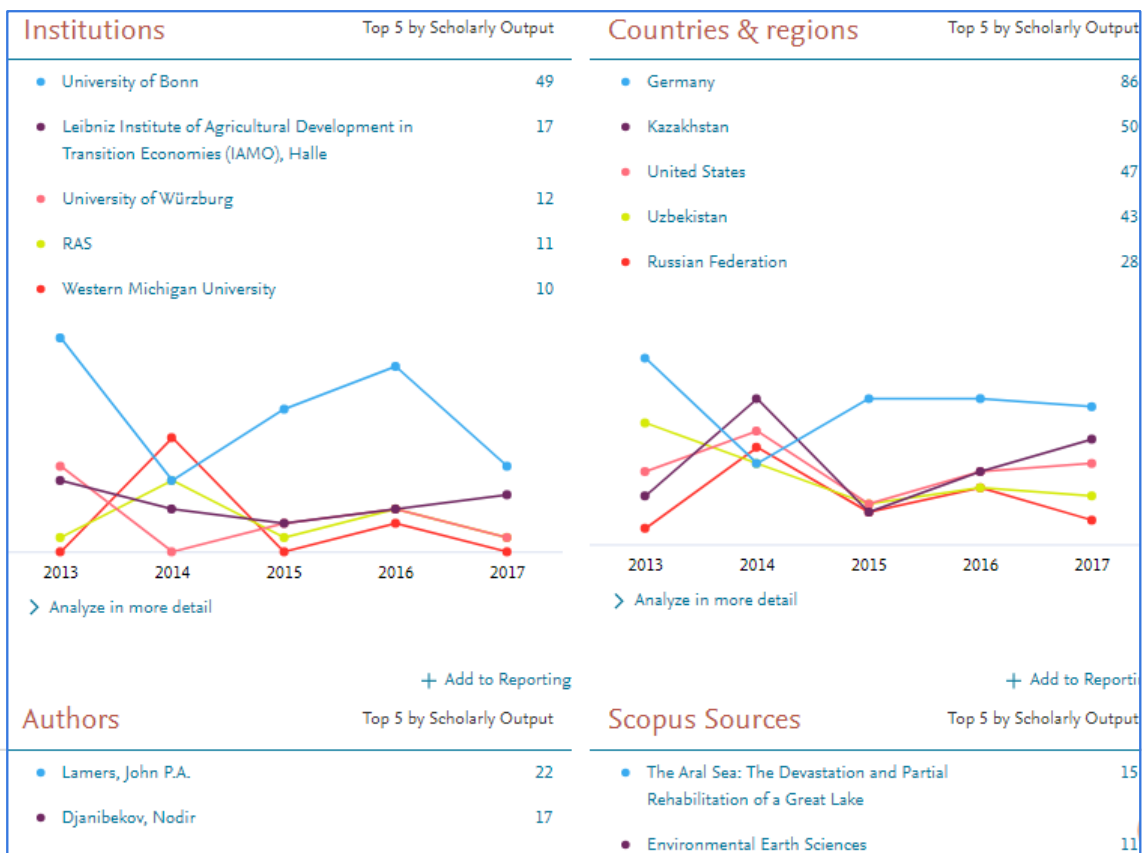
In year 2017 to papers published in 2017 and 2016

In 2017

[Learn about the Prominence calculation](#)

Индикатор активности/интереса:
Цитирование в году n и n-1
Просмотры в году n и n-1
CiteScore в году n

Подробный анализ темы



Связанные темы исследований

| Topics | Relatedness ↓ | Scholarly Output | Prominence percentile |
|--|---------------|------------------|-----------------------|
| ☐ Climate change; runoff; irrigation water T.64662 | 94% | | 56 40.963 |
| ☐ lake; basin; wind resource T.53237 | 93% | | 52 45.289 |
| ☐ sea level; Photogrammetry; ecosystem T.77911 | 92% | | 22 47.251 |
| ☐ mine; Mines; changed climatic T.60865 | 92% | | 6 0.862 |
| ☐ perception; management; Al Batinah T.82724 | 92% | | 47 53.998 |
| ☐ water; Nigeria; rainfall event T.51074 | 92% | | 43 64.769 |
| ☐ lagoon; Hydroelectric power; river runoff T.50825 | 91% | | 50 63.050 |
| ☐ lichen; groundwater; river basin T.85129 | 91% | | 39 35.572 |
| ☐ Coastal zones; coast; GIS T.64398 | 91% | | 58 19.348 |
| ☐ Water resources; Water management; water demand T.65373 | 91% | | 83 72.315 |



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**



обновляемые данные

не обновляемые данные

Экспорт данных из Scopus

Scopus

Поиск Источники Оповещения Списки Помощь SciVal Galina Yakshonak

1,581 результат поиска документов

Просмотреть вторичные документы Просмотр 549 результатов поиска по патентам Search your library View 514 DataSearch

TITLE=ABS-KEY (acarid) AND (LIMIT-TO (PUBYEAR, 2017) OR LIMIT-TO (PUBYEAR, 2016))

Редактировать Сохранить Настроить оповещение Настроить канал

Искать в результатах...

Уточнить результаты

Ограничить Исключить

Год

2017 (674)

2016 (907)

Автор

Отрасль знаний

Тип документа

Название источника

Ключевое слово

Организация

Страна

Анализировать результаты поиска

Показать все краткие описания Сортировать по: Дата (самые новые)

Все Экспорт в SciVal Скачать Просмотреть обзор цитирования Просмотр цитирующих документов

Сохранить в список

| Название документа | Авторы | Год | Источник | Цитирования |
|---|-------------------------|------|-------------------------------|-------------|
| 1 Acaricidal and repellent activity of plant essential oil-derived terpenes and the effect of binary mixtures against <i>Tetranychus urticae</i> Koch (<i>Tetranychus</i> sp.) | Tak, J.-H., Isman, M.B. | 2017 | Industrial Crops and Products | 0 |
| 2 Use of encapsulated carvacrol resistant strains of <i>Rhipicephalus</i> sp. | | | | |
| 3 Chemical characterization of saturoiodides C. & B. and Origin of essential oils against Anderson & Trueman (<i>Acarid</i> sp.) | | | | |
| 4 Badger (<i>Meles meles</i>) distur (<i>Acarid</i> : <i>Oribatida</i>) commun | | | | |

Export document settings

You have chosen to export 1901 documents

Select your method of export

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

What information do you want to export?

Customize export

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

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

Загрузка публикаций из Scopus в SciVal

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-#2.0-85029831259 | Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards. |
| | 2-#2.0-85028841762 | Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards. |
| | 2-#2.0-85029454297 | Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards. |
| | 2-#2.0-85028550835 | Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards. |
| | 2-#2.0-85028547919 | Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards. |
| | 2-#2.0-85028925587 | Unknown or invalid ID. This may have been published before 1996. SciVal covers publications from 1996 onwards. |

Export > Skip issues and continue >

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

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

Field-Weighted Citation Impact Field-Weighted Views Impact Scholarly Output

Publication Sets

- Political system from Scopus
- Political system

Topics and Research Areas

- Political system
- civil society; resistance; politics T.36365

View list of Scopus Sources for the select Researchers and Groups

Scholarly Output: 3,22K, 1,81K, 357

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.

Использование данных для отчетности, экспорт

The screenshot displays the SciVal interface with the 'Reporting' tab selected. A red arrow points to the 'Reporting' tab in the top navigation bar. The main content area features a bubble chart titled 'Field-Weighted Views Impact' on the y-axis and 'Field-Weighted Citation Impact' on the x-axis. The chart shows three data points: a small blue bubble at approximately (0.15, 0.2), a medium orange bubble at approximately (0.65, 1.1), and a large orange bubble at approximately (0.75, 3.5). A context menu is open over the chart, offering three options: 'Export the data to a spreadsheet file (CSV)', 'Export the data to a spreadsheet file (XLS)', and 'Export the chart as an image file'. The left sidebar contains a list of 'Topics and Research Areas', with 'dark matter; cosmic rays; positron fraction T.421' and 'Dark Matter_Econ' selected. The bottom right corner shows 'Scholarly Output' metrics: 9.20K, 5.18K, and 1.02K.

SciVal Overview Reporting Collaboration Trends My SciVal Scopus Galina Yakshonak

2012 to >2017 no subject area filter selected

Deselect all Hide tags

Institutions and Groups Researchers and Groups Publication Sets Countries and Groups Topics and Research Areas

- dark matter; cosmic rays; positron fraction T.421
- Dark Matter_Econ
- Algebra and Number Theory
- Analysis
- Applied Mathematics
- Bessel functions; Laser beams; bottle beam T.4058
- citizenship; politics; environmental citizenship T.36781
- civil society; resistance; politics T.36365

+ Add Topics and Research Areas
x Remove all entities from this section

Chart Table

Field-Weighted Views Impact

Field-Weighted Citation Impact

Export the data to a spreadsheet file (CSV)
Export the data to a spreadsheet file (XLS)
Export the chart as an image file

Moscow Engineering Physics Institute

Topics and Research Areas

- Dark Matter_Econ
- dark matter; cosmic rays; positron fraction T.421

View list of Scopus Sources for the selected Researchers and Groups

Scholarly Output

9.20K
5.18K
1.02K

Metrics details

Field-Weighted Views Impact

Модуль Reporting

Library of analyses and reports

Analyses

Create report > Edit Delete

| Analyses | Entities |
|---|----------------------|
| <input checked="" type="checkbox"/> > Benchmarking the Field-Weighted Citation Impact, and Field-Weighted Views Impact, and Output in Top 1 citation percentile | Insulin and 5 others |

i You can have up to 12 analyses in a report
Go to Benchmarking to add more.

Got it, thanks >

Reports

Open > Save snapshot Delete

Reports

Reports

> Insulin research analysis

Open > Save snapshot Delete

Create report

Save Reset

Insulin research analysis

Анализ данных показал, что ...]

Benchmarking the Field-Weighted Citation Impact, and Field-Weighted Views Impact, and Output in Top 1 citation percentile

Field-Weighted Views Impact

Field-Weighted Citation Impact

Insulin Insulin Diabetes

| Category | Field-Weighted Citation Impact (X) | Field-Weighted Views Impact (Y) |
|------------------|------------------------------------|---------------------------------|
| Insulin | 0.4 | 0.8 |
| Insulin Diabetes | 1.3 | 1.2 |
| Insulin Diabetes | 1.5 | 1.1 |
| Insulin Diabetes | 2.1 | 1.3 |
| Insulin Diabetes | 2.4 | 1.3 |
| Insulin Diabetes | 3.1 | 1.2 |

Возможность добавления
текста в отчет и его
сохранения как шаблон для
будущих отчетов

Ежемесячная отчетность Университетов по SciVal


Ежемесячно в формате отчета в SciVal (Reporting) необходимо подготовить:

1. Отчет Summary Overview по своему Университету за 2015 ->2018 годы
2. Сравнение за период 2009->2018 г. своего университета с двумя выбранными университетами в Узбекистане и двумя международными университетами по показателям:
 - Общее количество публикаций (Scholarly output)
 - Количество публикаций в топ-25% журналов по CiteScore (publications in top journal percentiles, absolute values)
 - Количество публикаций в международном сотрудничестве (international collaboration, absolute values)
3. По каждой кандидатской диссертации, выносимой на защиту в Университете анализ актуальности (topic prominence), ключевых авторов и организаций соответствующей научной темы по данным SciVal.

Отчет Summary Overview по своему Университету

Samarkand State University

Samarqand Davlat Universiteti ·

 Uzbekistan | [More details on this Institution](#)

2015 to >2018



no subject area filter selected



ASJC



Da

[Summary](#)

[Topics & Topic Clusters](#)

[Collaboration](#)

[Published](#)

[Viewed](#)

[Cited](#)

[Authors](#)

[Economic Impact](#)


[Societal Impact](#)

[Awarded Grants](#)

[+ Add Summary to Reporting](#)

Overall research performance

[+ Add to](#)

Scholarly Output 

83 ▲


[View list of publications](#)

Authors


73 ▲

Field-Weighted Citation Impact 


0.18

Citation Count 

83

Citations per Publication 

1.0

h5-index 

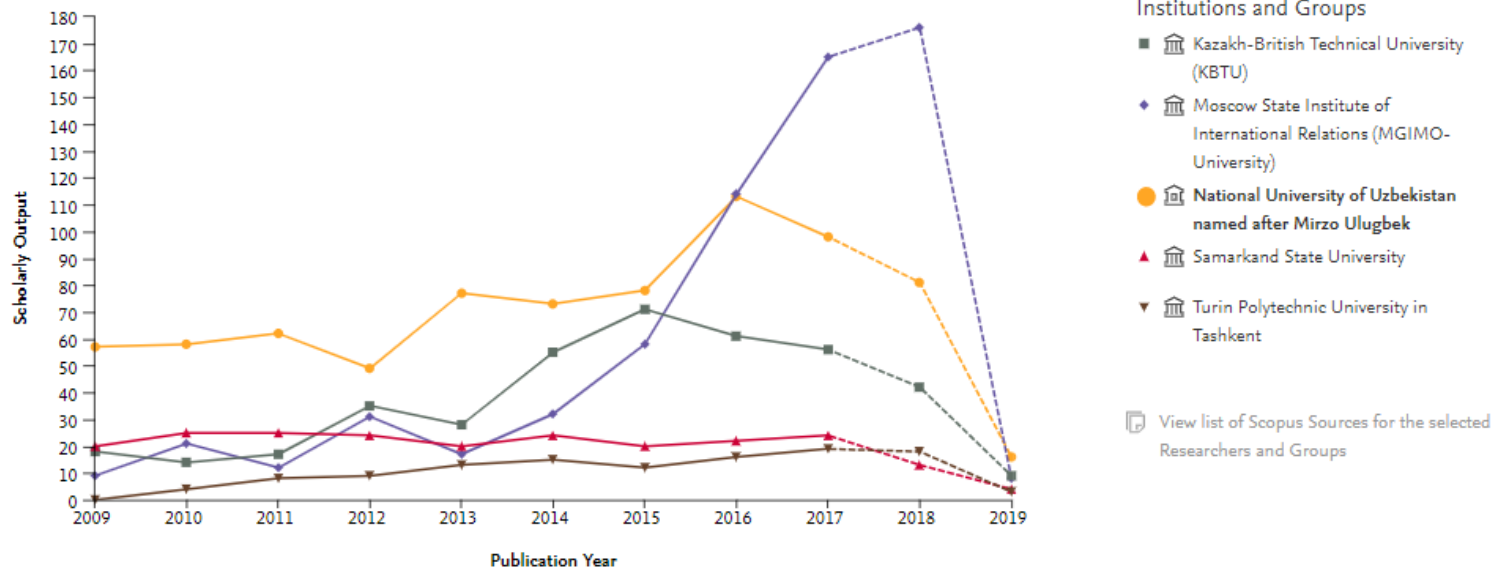
6



Сравнение своего университета с другими

Scholarly Output 

Publication Year





Institutions and Groups

-  Kazakh-British Technical University (KBTU)
-  Moscow State Institute of International Relations (MGIMO-University)
-  National University of Uzbekistan named after Mirzo Ulugbek
-  Samarkand State University
-  Turin Polytechnic University in Tashkent

 [View list of Scopus Sources for the selected Researchers and Groups](#)

 Metrics details

 y-axis: Scholarly Output 
Types of publications included: all.

 x-axis: Publication Year

Анализ актуальности темы, ключевых авторов и организаций в ней

The screenshot displays a research analysis interface for the topic "irrigation system; technology; water shortages" (Topic T.62616). The interface is divided into several sections:

- Left Panel (Topics and Topic Clusters):** Lists various topics and clusters. The selected topic is "irrigation system; technology; water shortages" (T.62616). Other visible topics include "Accident Prevention; Hazards; Accidents" (TC.692), "Acoustic resonators; resonators; standing waves" (T.34693), "Adaptive Optics; Telescopes; Wavefronts" (TC.710), and "Additives; Manufacture; Printing" (TC.609).
- Top Panel:** Shows the topic name "irrigation system; technology; water shortages" and the time range "2013 to 2018".
- Navigation Tabs:** Includes "Summary", "Institutions" (highlighted with a red box), "Countries", "Authors", "Scopus Sources", and "Keyphrases".
- Overall research performance:** Displays three line graphs and their corresponding values:
 - Scholarly Output: 13
 - Field-Weighted Citation Impact: 1.26
 - International Collab: 2
- Views Count:** 654
- Citation Count:** 84
- Topic Prominence:** 29.781

A search box at the bottom left, titled "Find existing Topic or Topic Cluster", contains the text "irr" and shows a search result: "Irrigation; Wireless Sensor Networks; Sensor Nodes".

Спасибо!

SciVal <https://www.brighttalk.com/channel/13819/elseviers-research-intelligence>
http://elsevierscience.ru/files/pdf/3889-scival-quick-reference-guide_RU.pdf

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