

Новые ресурсы Elsevier для науки и образования



Вадим Соболев

Руководитель аналитических программ Elsevier в России

Продукты Elsevier используются во всем мире для анализа состояния и перспектив развития науки





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

Целевыми индикаторами являются:

- число публикаций российских авторов в научных журналах, индексируемых в базе данных **Scopus**, в расчете на 100 исследователей
- удельный вес публикаций в соавторстве с зарубежными учеными в общем числе публикаций российских авторов в научных журналах, индексируемых в базе данных **Scopus**

Новая линейка инновационных аналитических продуктов



Spotlight



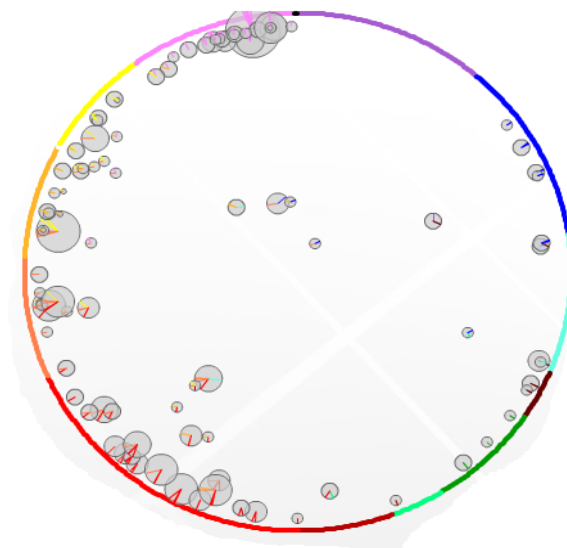
Strata



Experts



Funding



SciVerse Scopus

Крупнейшая в мире реферативная и аналитическая база научных публикаций и цитирования

> 19,000
изданий

18,000
Научные журналы

600
отраслевые журн.

350
книжн.серии

Крупнейшая
коллекция
источников

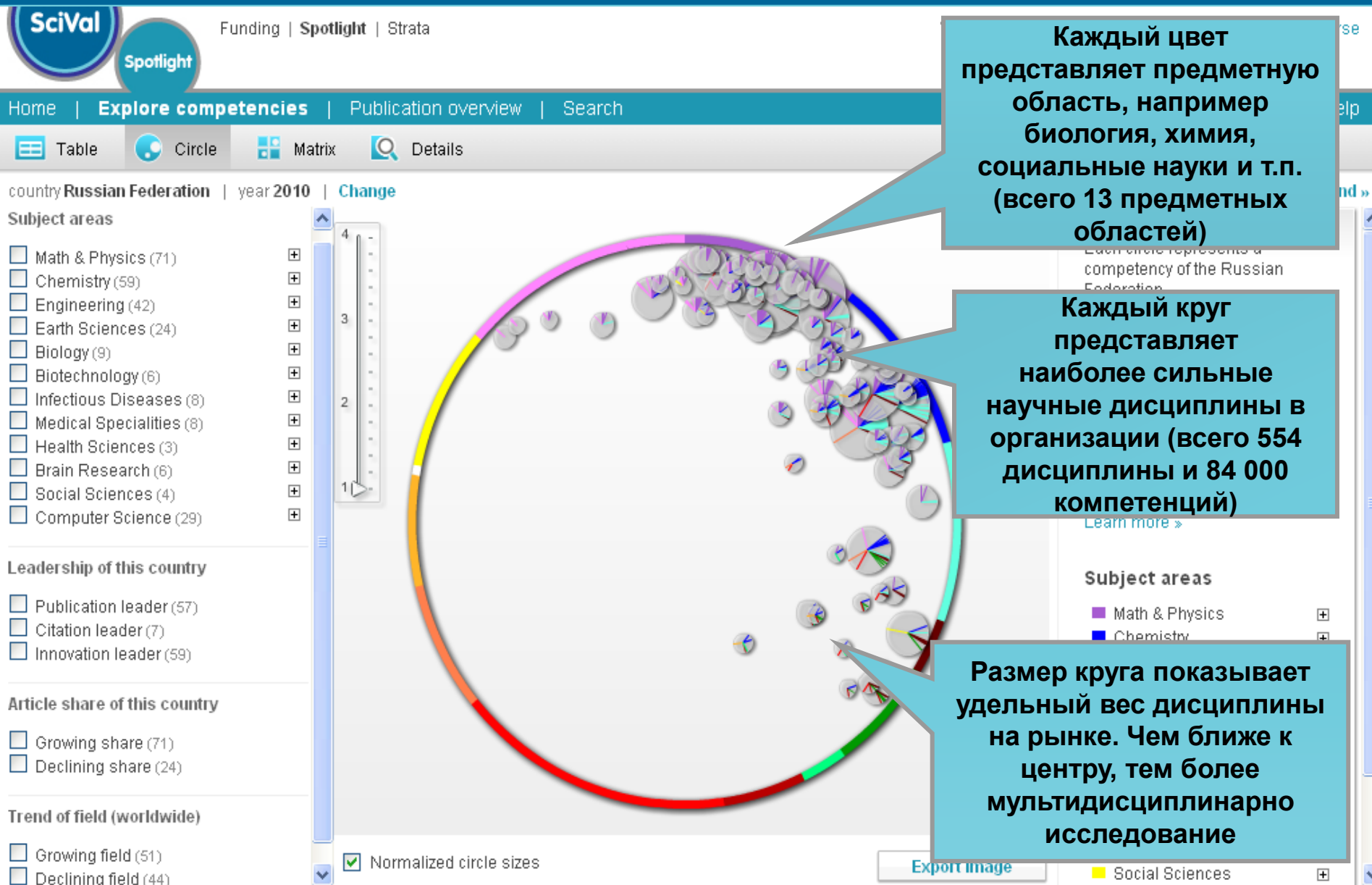
- > 5,000 издательств
- 3,6 Млн. материалов конференций
- 23 Млн. Патентов
- 400 млн. научных страниц Интернет через Scirus.com

- 1,200 журналов Open Access
- “Articles in Press” из 3,000 журналов
- 80% всех записей имеют рефераты
- Рефераты начиная с 1823г.
- 40 языков

SciVal Spotlight

революционный продукт,
который помогает организации
идентифицировать и **оценить**
свои текущие **силы**, а так же
определить и **выполнить**
перспективную стратегию
развития

Визуализация позволяет быстро определить сильные стороны организации



country **Russian Federation** | year **2010** | [Change](#)

Subject areas

- ☐ Math & Physics (71)
- ☐ Chemistry (59)
- ☐ Engineering (42)
- ☐ Earth Sciences (24)
- ☐ Biology (9)
- ☐ Biotechnology (6)
- ☐ Infectious Diseases (8)
- ☐ Medical Specialities (8)
- ☐ Health Sciences (3)
- ☐ Brain Research (6)
- ☐ Social Sciences (4)
- ☐ Computer Science (29)

Leadership of this country

- ☐ Publication leader (57)
- ☐ Citation leader (7)
- ☐ Innovation leader (59)

Article share of this country

- ☐ Growing share (71)
- ☐ Declining share (24)

Trend of field (worldwide)

- ☐ Growing field (51)

low Market Size Growth high

low Relative Article Share high

[Export Image](#)

Можно определить перспективные области исследований и потенциал для финансирования проектов в этой области

- The larger the circle, the more articles are in that competency.
- The horizontal position shows the leadership position of the Russian Federation within that competency.
- The vertical position shows how fast the number of articles in that competency is growing.

[Learn more »](#)

Subject areas

- ☒ Math & Physics
- ☒ Chemistry
- ☒ Engineering
- ☒ Earth Sciences
- ☒ Biology
- ☒ Biotechnology
- ☒ Infectious Diseases
- ☒ Medical Specialities
- ☒ Health Sciences
- ☒ Brain Research
- ☐ Humanities

Можно посмотреть в каких областях идет рост или отставание вашей доли исследований на рынке

Institution **Novosibirsk State University** | year **2011** | [Change](#)

Competencies of Novosibirsk State University: 36

[Export image](#)

Subject areas

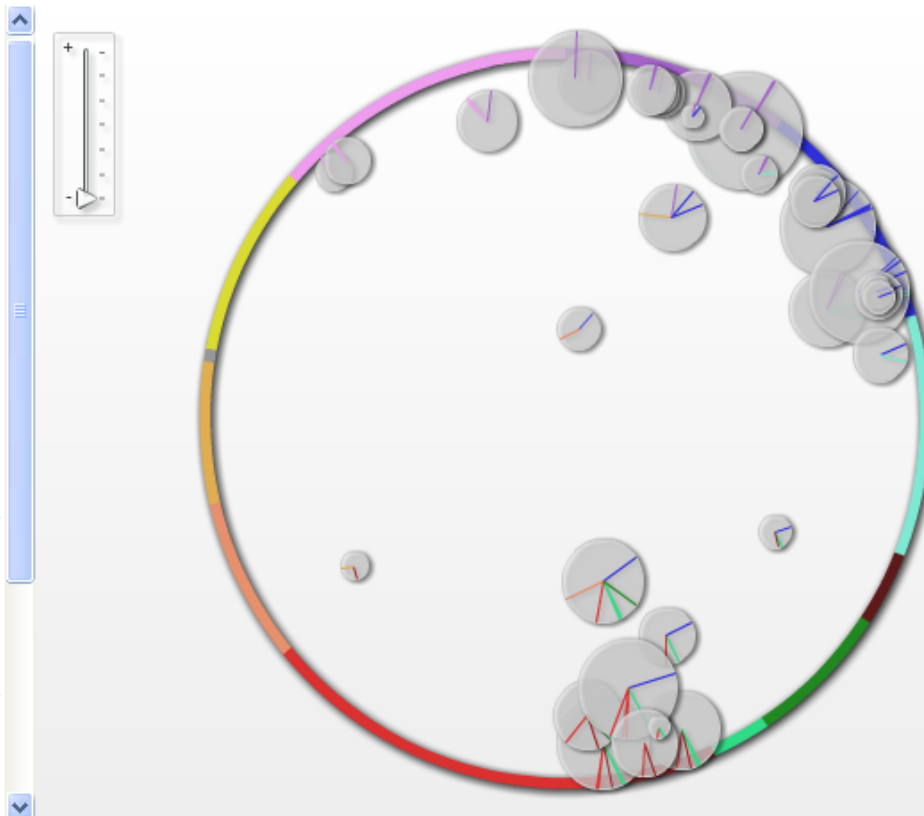
- ☐ Math & Physics (15)
- ☐ Chemistry (16)
- ☐ Engineering (4)
- ☐ Earth Sciences (0)
- ☐ Biology (2)
- ☐ Biotechnology (7)
- ☐ Infectious Diseases (6)
- ☐ Medical Specialities (8)
- ☐ Health Sciences (2)
- ☐ Brain Research (2)
- ☐ Humanities (0)
- ☐ Social Sciences (0)
- ☐ Computer Science (4)
- ☐ Other (0)

Leadership of this institution

- ☐ Publication leader (9)
- ☐ Reference leader (0)
- ☐ Innovation leader (3)

Article share of this institution

- ☐ Growing share (29)
- ☐ Declining share (6)



Each circle represents a competency of Novosibirsk State University.

- The larger the circle, the more articles are in that competency.
- The location of each circle is determined by the primary subject area of that competency. Circles closer to the center are more interdisciplinary.

[Learn more »](#)

Subject areas

- ☐ Math & Physics
- ☐ Chemistry
- ☐ Engineering
- ☐ Earth Sciences
- ☐ Biology
- ☐ Biotechnology
- ☐ Infectious Diseases
- ☐ Medical Specialities
- ☐ Health Sciences
- ☐ Brain Research
- ☐ Humanities
- ☐ Social Sciences
- ☐ Computer Science

Карта НГТУ

SciVal

Spotlight

Experts | Funding | **Spotlight** | Strata

Vadim Sobolev is logged in | [Log out](#) | [Go to SciVerse](#)

[Home](#) | **Explore competencies** | [Explore collaboration](#) | [Publication overview](#) | [Search](#)

[My settings](#) | [Help](#)

[Table](#) | [Circle](#) | [Matrix](#)

institution **Novosibirsk State Technical University** | year **2010** | [Change](#)

Competencies of Novosibirsk State Technical University: 8

[Export image](#)

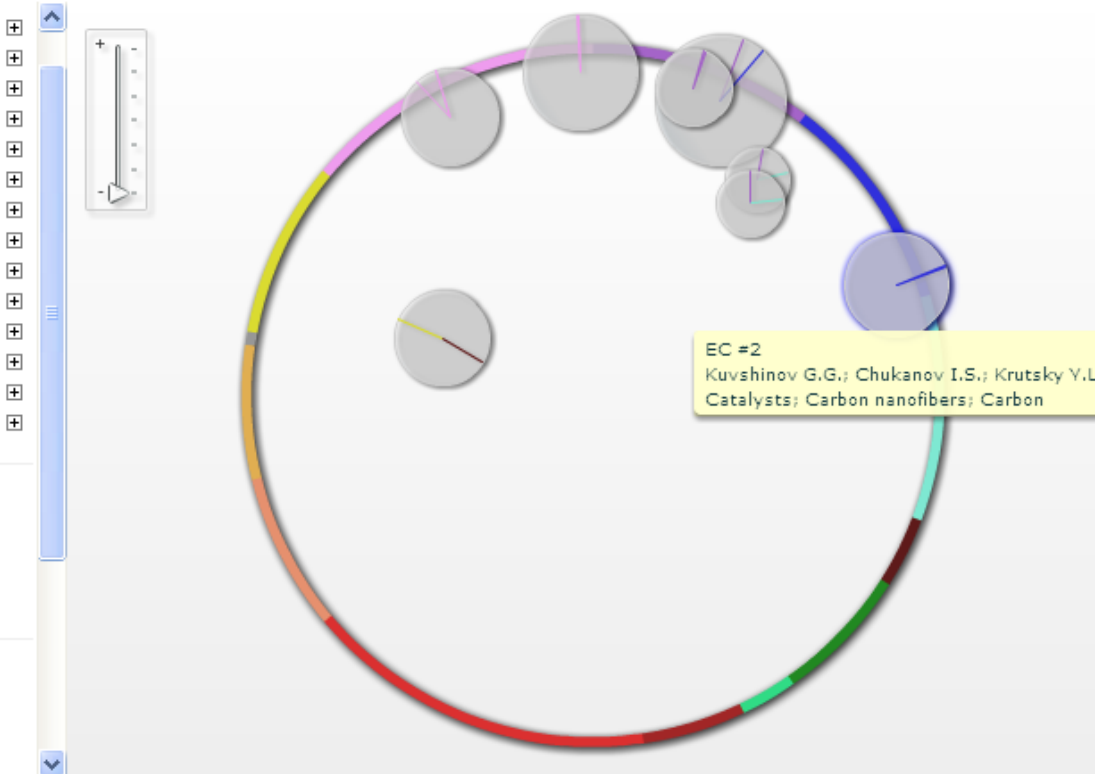
- ☐ Math & Physics (4)
- ☐ Chemistry (2)
- ☐ Engineering (2)
- ☐ Earth Sciences (1)
- ☐ Biology (0)
- ☐ Biotechnology (0)
- ☐ Infectious Diseases (0)
- ☐ Medical Specialities (0)
- ☐ Health Sciences (0)
- ☐ Brain Research (0)
- ☐ Humanities (0)
- ☐ Social Sciences (1)
- ☐ Computer Science (2)
- ☐ Other (0)

Leadership of this institution

- ☐ Publication leader (1)
- ☐ Reference leader (0)
- ☐ Innovation leader (3)

Article share of this institution

- ☐ Growing share (5)
- ☐ Declining share (3)



Each circle represents a competency of Novosibirsk State Technical University.

- The larger the circle, the more articles are in that competency.
- The location of each circle is determined by the primary subject area of that competency. Circles closer to the center are more interdisciplinary.

[Learn more »](#)

Subject areas

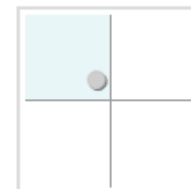
- ☐ Math & Physics
- ☐ Chemistry
- ☐ Engineering
- ☐ Earth Sciences
- ☐ Biology
- ☐ Biotechnology
- ☐ Infectious Diseases
- ☐ Medical Specialities
- ☐ Health Sciences
- ☐ Brain Research
- ☐ Humanities

Competency EC #6 Films; Polysilicon; Glass

[Select another competency ▾](#)
[Summary](#)
[Trends](#)
[Disciplines](#)
[Institutions](#)
[Authors](#)
[Compare](#)
[Methodology](#)

Articles published in this field (2006-2010)

	Articles	Annual growth	Citations
Articles published worldwide	134	+11.4% ▲	356
Articles published in the Russian Federation	28	+42.8% ▲	11
Articles published at Novosibirsk State Technical University	4	+36.8% ▲	2


[See why this field is an emerging competency of Novosibirsk State Technical University](#)

Show the contribution to this field from:

- ☐ Novosibirsk State Technical University
☒ all contributing institutions worldwide

Детальный анализ компетенций

Top keywords for all contributing institutions

[show all »](#)

Films	<div></div>
Polysilicon	<div></div>
Glass	<div></div>
Thin films	<div></div>
Substrates	<div></div>
Solar cells	<div></div>
Temperature	<div></div>
Molybdenum	<div></div>
Lime	<div></div>
Magnetron sputtering	<div></div>

Top authors for all contributing institutions

[details »](#)

Payzant E.A.	<div></div>
Anderson T.J.C.	<div></div>
Chuai R.Y.	<div></div>
Boikov Y.A.	<div></div>
Bémède J.C.	<div></div>
Romanov R.I.	<div></div>
Gnedovets A.G.	<div></div>
Marsillac S.X.	<div></div>
Khatri H.	<div></div>
Kim W.K.	<div></div>

Top disciplines for all contributing institutions

[details »](#)

Semiconducting Materials	<div></div>
Sensors & Actuators	<div></div>

Top journals for all contributing institutions

Materials Research Society Symposium ...	<div></div>
Thin Solid Films	<div></div>
Semiconductors	<div></div>
Conference Record of the IEEE Photovo...	<div></div>
Conference Record of the 2006 IEEE 4t...	<div></div>

institution **Novosibirsk State Technical University** | year **2010** | [Change](#)
Competency EC #6 Films; Polysilicon; Glass

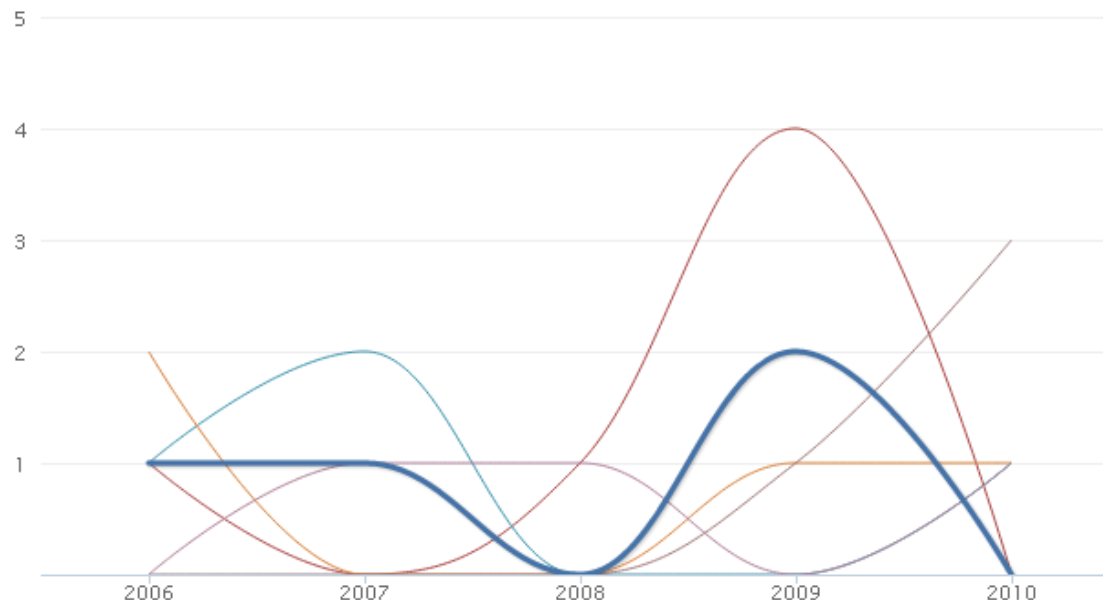
[Select another competency](#) ▼

Анализ мировых трендов

[Summary](#)
[Trends](#)
[Disciplines](#)
[Institutions](#)
[Authors](#)
[Compare](#)
[Methodology](#)
Show: [Top institutions worldwide](#) ▼

[Articles published](#) ▼ in this field, by year (2006-2010)


- ☒ RAS - Institute of Semiconductor Physics, Siberian Branch
- ☐ RAS
- ☐ Oak Ridge National Laboratory
- ☒ University of Florida
- ☒ Harbin Institute of Technology
- ☐ Shenyang University of Technology
- ☒ Moscow Engineering Physics Institute
- ☐ Universite de Nantes
- ☒ **Novosibirsk State Technical University**
- ☒ University of Toledo



Сравнение с другими организациями

Novosibirsk State Technical University ▼

Articles published in this field (2006-2010)	4
Citations of these articles	2
Fractionalized article count	2.5
Annual growth	+36.8% ▲
Overall rank in this field	#9
Rank in this field within the Russian Federation	#4
Articles co-authored with the Harbin Institute of Technology	0

Harbin Institute of Technology ▼

Articles published in this field (2006-2010)	4
Citations of these articles	11
Fractionalized article count	3.1
Annual growth	+6.1% ▲
Overall rank in this field	#5
Rank in this field within China	#1

Compare these institutions based on: [matching and unique disciplines](#) ▼

Matching disciplines

Sensors & Actuators 

Unique disciplines

Semiconducting Materials 

Matching disciplines

Sensors & Actuators 

Unique disciplines

No unique disciplines

Summary

Authors

Journals

Анализ публикационной активности

Print

Show explanations

Total output – all subject areas

- Math & Physics
- Chemistry
- Engineering
- Earth Sciences
- Biology
- Biotechnology
- Infectious Diseases
- Medical Specialities
- Health Sciences
- Brain Research
- Humanities
- Social Sciences
- Computer Science
- Other

3,059 articles in Scopus → 2,842 articles in Spotlight → 777 articles in 36 competencies

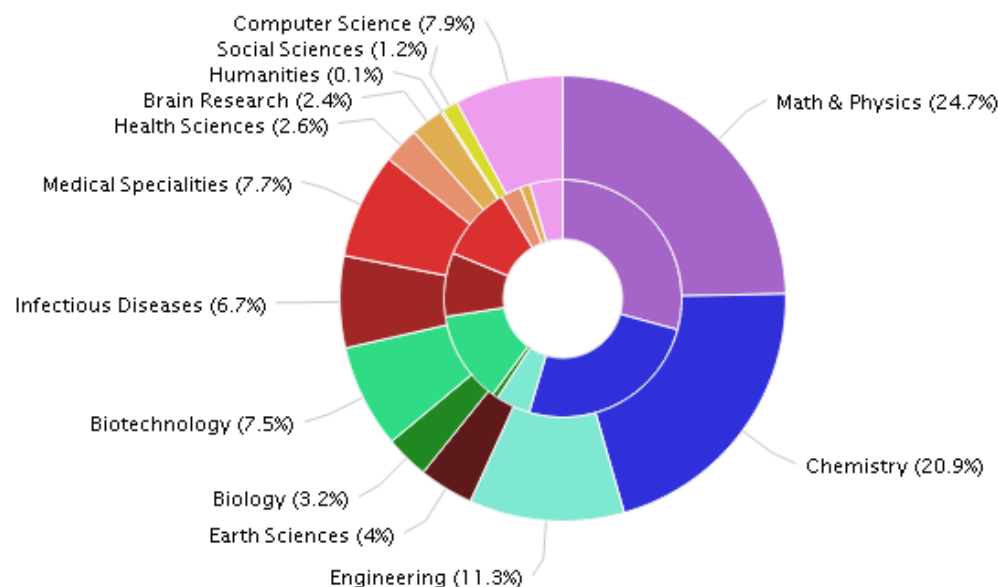


Publication output by subject area

All published articles | Articles in competencies | Both

Pie chart

Bar chart

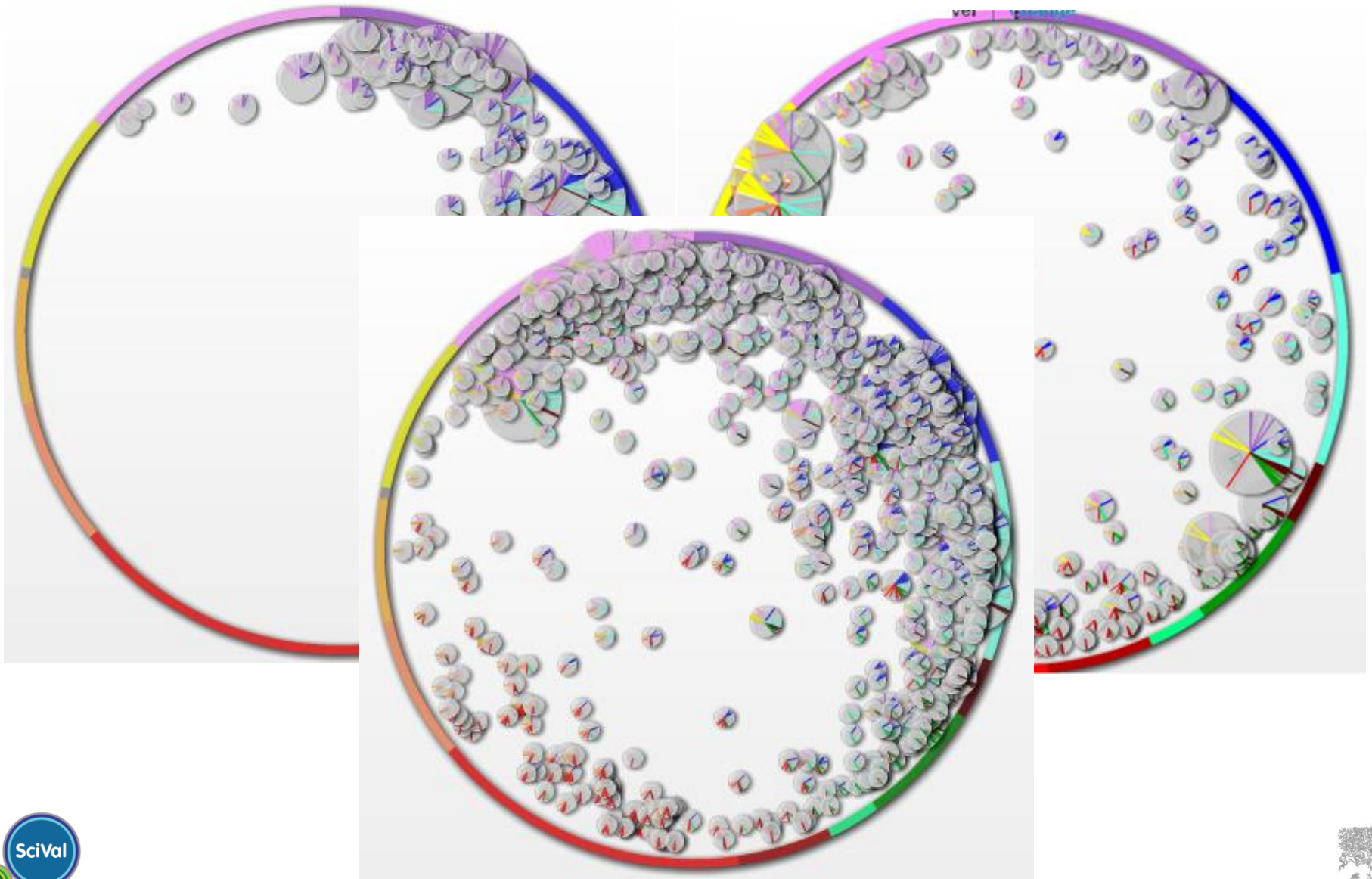


Outer ring: All published articles, by subject area
Inner ring: Articles in competencies, by subject area

Карты коллабораций НГУ



Сравнение карт: Россия, Великобритания и Китай



- Определение приоритетных направлений развития научной деятельности
- Определение направлений финансирования
- Поиски партнеров для сотрудничества
- Определение направлений сотрудничества с конкретными организациями

*Москалева О.В.,
начальник Управления научных
исследований СПбГУ*

SciVal Strata

SciVal Strata - гибкий веб-инструмент для оценки научной производительности групп ученых с использованием настраиваемых индикаторов



Позволяет проанализировать научные показатели и сделать выводы для решения следующих проблем :

- *Нужно собрать эффективную группу ученых для решения новых научных задач*
- *Необходимо продемонстрировать эффективность работы отдела/организации для получения поддержки и финансирования*
- *Необходимо доказать эффект от вложения средств в исследования*

Выбор показателей эффективности (KPI)

My Selection

Add

Delete

- Myself
- Netherlands
- Europe
- World

Создание групп (кластеров) ученых

Clusters

Add

Delete

Enable filter

- Andrew Bird Group
- School of Immunology
 - Bacteriology group
 - Johnson, R.F.C.

Researchers

Add

Delete

Enable filter

- Aalders, J.
- Abbey, F.L.
- Ahlstrom, S.T.P.
- Ahlstrom, S.

Выбор ученых:

- Выбор и группировка авторских профилей
- Кого хотите, со всего мира

Benchmark

Influence

Collaboration

Interdisciplinarity

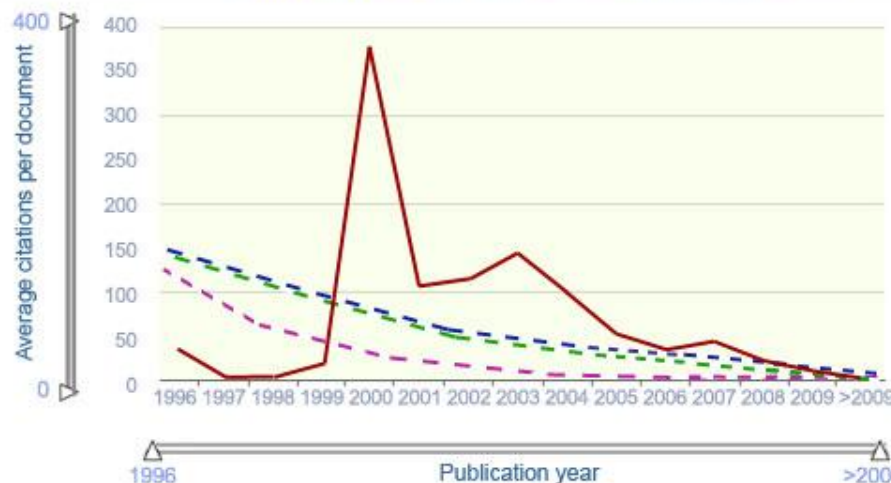
Authorship

Citation Benchmark

Reference Field

Immunology

Manage my Reference Fields | Open Source Overview



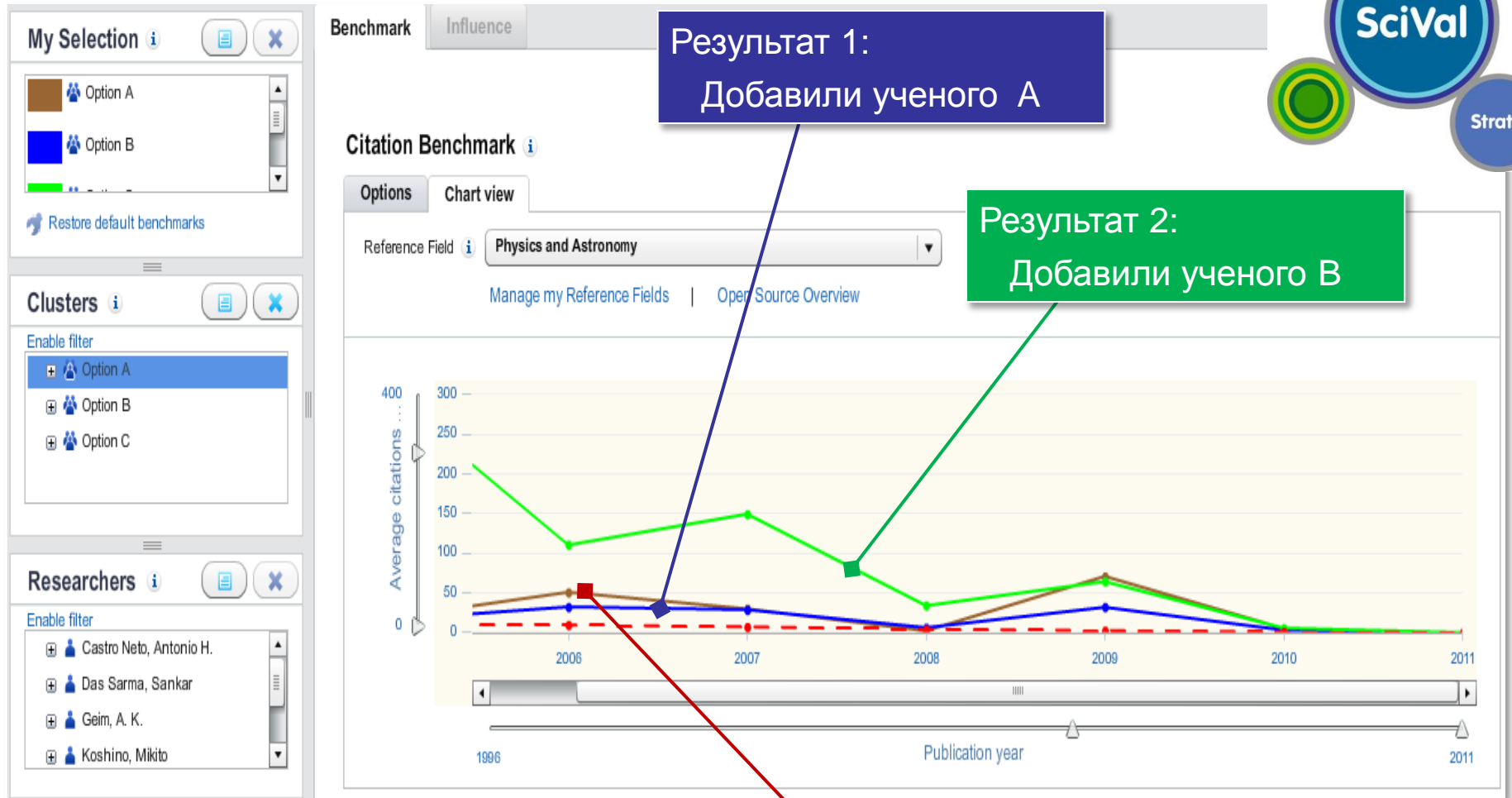
Open summary

Open options

Анализ ученых:

- Сравнение с отдельными учеными и группами
- Сравнение с регионами/мировыми показателями

Пример – отдача от привлечения в группу новых ученых (публикации/цитирование)



SciVal

Strata

SciVal

SciVal Experts

SciVal Experts - настраиваемая информационная веб-система, которая позволяет исследователям, руководителям среднего и высшего звена находить экспертов по разным направлениям исследований и создавать исследовательские коллаборации внутри организации.



Сканируя и анализируя все публикации конкретных ученых Elsevier создает **«отпечатки»** индивидуальной исследовательской деятельности и выявляет связи между авторами.

Какие специалисты есть в моей организации?

Поиск по концепции, фамилии или полному тексту

Моментальный доступ к истории публикаций автора

The screenshot displays a research profile for Sharon J. Elliot, M.D., from the School of Medicine, Surgery. The page is organized into several sections:

- Home / Expert Overview:** A sidebar menu with links to Profile, Publications, Grants, Similar Experts, Journals, Trends, Institutional Network, Coauthor Network, Research Network, and Additional Activities & CV.
- Profile:** Lists research interests such as Glomerular Mesangium, Mice, Kidney Glomerulus, Matrix Metalloproteinase 2, Extracellular Matrix, Estrogen Receptor beta, Focal Segmental Glomerulosclerosis, Inbred C57BL Mice, Estrogens, and Diabetic Nephropathies.
- Publications:** A list of recent works, including:
 - 1. Elliot Sharon J; Catanuto Paola; Espinosa-Heidmann Diego G; Fernandez Pedro; Hernandez Eleut; Seloups Peter; Korach Kenneth; Karl Michael; Cousins Scott W. *Estrogen receptor beta protects against in vivo injury in RPE cells.* *Experimental eye research* 2010;90(1):10-6.
 - 2. Kassira Noor; Glassberg Marilyn K; Jones Christina; Pincus David J; Elliot Sharon J; Fritz Jason R; Karl Michael; Thaller Seth. *Estrogen deficiency and tobacco smoke exposure promote matrix metalloproteinase-13 activation in skin of aging B6 mice.* *Annals of plastic surgery* 2009;63(3):318-22.
 - 3. Catanuto Paola; Doublier Sophie; Lupia Enrico; Fornoni Alessia.
- Trends:** A section titled "Explore the Research Trends" with a colorful area chart.
- Similar Experts:** A list of colleagues with their publication counts, such as Lippman Marc E (49), Fornoni Alessia (45), Lenz Oliver (40), Marin-Castano Mar... (23), and Mundel Peter Herm... (121).
- Journals:** A list of journals where the expert has published, including *Journal of the American Society of Nephrology* (8), *Kidney International* (7), *Experimental eye research* (4), *The American journal of pathology* (4), and *Investigative ophthalmology* (3).
- Research Network:** A section at the bottom, partially visible.

Определение взаимосвязей с другими учеными в той же области исследований

Каковы тенденции научной деятельности?

Home

Expert Overview

Profile

Publications

Grants

Similar Experts

Journals

Trends

Institutional Network

Coauthor Network

Research Network



Kunkel, Steve L

Medical School Clinical Sciences

Pathology Department

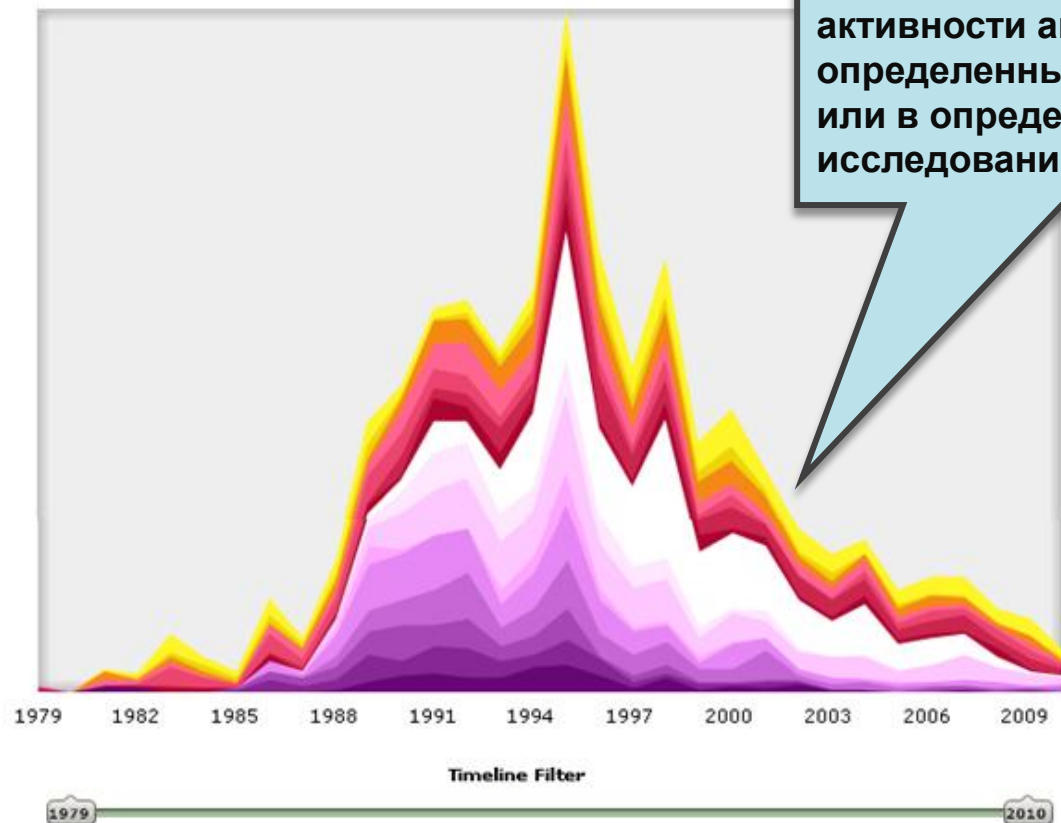
PubMed H-Index: 106 (?)

BiomedExperts Profile

Help us make your profile perfect

Trends

Research concepts that have been most significantly present over this researcher's career are represented below. The height of the line equals the number of publications including the concept for a particular year, so increases or decreases can be seen by topic over time. You may add and remove concepts using the checkboxes below or adjust the time period included by dragging the handles left and right.



Chemicals & Drugs

- ☒ Chemotactic Factors
- ☒ Interleukin-1
- ☒ Lipopolysaccharides

Anatomy

- ☒ Cultured Cells
- ☒ Lung
- ☒ Macrophages

Disorders

- ☒ Inflammation

Кто и с кем сотрудничает?

- Home
- Expert Overview
- Profile
- Publications
- Grants
- Similar Experts
- Journals
- Trends
- Institutional Network
- Coauthor Network
- Research Network



Kunkel, Steve L

Medical School Clinical Sciences

PubMed H-Index: 106 (?)

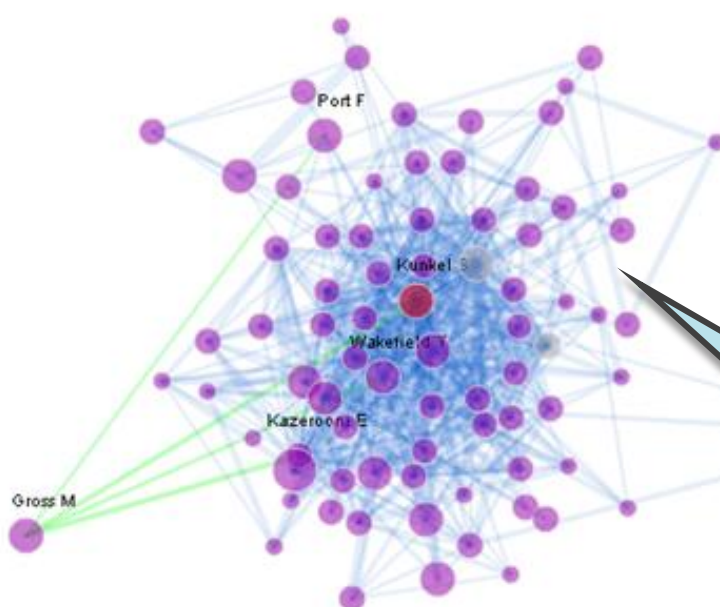
BiomedExperts Profile

Help us make your profile perfect

Research Network

● Profiled researcher ● Internal collaborator ● External collaborator

The visualization below creates a map of the connections between this researcher and their collaborators. The circles represent individual researchers and the lines connecting them represent papers that they have published together. The size of each indicates the number of publications; a larger line = more collaborations; a larger circle = more publications. The visualization continues to move because it is a force-directed algorithm, constantly reshaping the visualization to find the best view. You may pause the movement by clicking anywhere in the box.



Сетевые связи с другими авторами и способы формирования коллабораций внутри и во вне организации

Gross, Milton D

Profile

more >

Iodine Radioisotopes

Adosterol

Adrenal Gland Neoplasms

Radiopharmaceuticals

Radionuclide Imaging

Adrenal Glands

Publications

more >

1. Marzola M C; Pelizzo M R; Ferdeghini M; Toniato A; Massaro A; Ambrosini V; Fanti S; Gross M D; Al-Nahhas A; Rubello D
Dual PET/CT with (18)F-DOPA and (18)F-FDG in metastatic medullary

SciVal Funding


SciVal Funding - интеллектуальное веб-решение по распределению фондов, предоставляющее ученым и руководителям поддержку при получении финансирования на исследования. Инструмент дает доступ более чем к 5000 источникам финансирования, включает целевые рекомендации, составленные на основе предварительно заполненных научных профилей, а также большую историю получения грантов.



SciVal Funding поможет найти новые возможности в получении грантов, а также ответить на следующие вопросы:

- Какие возможности финансирования наиболее приемлемы для меня?
- Как оставаться в курсе того, какие появляются новые гранты и какие из них растут?
- Кто из исследователей является наиболее значимым в моей сфере исследований?
- Какие исследовательские проекты получили признание/награды/гранты в прошлом?
- Как адаптировать свой запрос для увеличения шансов в получении гранта?

SciVal Funding



Funding | Spotlight

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Start using SciVal Funding by taking advantage of the following features:

- **Opportunities:** Find funding opportunities using keywords.
- **Awards:** Learn about previously awarded grants.
- **Recommendations:** View funding opportunities recommended for you.
- **Alerts:** Receive email alerts and RSS feeds for new opportunities.

Use SciVal Funding to find opportunities, awards, grants and recommendations

Find opportunities

Search for current funding opportunities.

E.g., "stem cell" or cancer

Search for opportunities

Advanced opportunity search

Find awarded grants

Search for previously awarded grants.

E.g., energy and "smith, john"

Search for awards

Advanced award search

Personal recommendations

These opportunities were selected for you based on your personal profile.

- [Exploratory Cancer Prevention Studies Involving...](#)
- [Erythropoiesis Stimulating Agents and Tumors...](#)
- [Diet-Induced Changes in Inflammation as Determined by...](#)
- [Stem Cells and Cancer](#)
- [GROUND-BASED STUDIES IN SPACE RESEARCH](#)

5 of 100 recommendations. [See all](#)

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Поиск грантов по тематике исследований

Ранее врученные гранты по интересующей тематике

Персональные рекомендации



SciVal - это новый комплекс инновационных веб-решений, который обеспечивает оценку результатов исследований по всем отраслям науки, позволяет организациям и их руководителям оптимизировать стратегическое вложение средств, а также эффективно определять дальнейшие направления исследовательской работы и принимать рациональные решения при выборе персонала и партнеров.



Unlock the promise of your research

Search this site

Help me to find...

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Tuesday, December 14, 2010

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База данных REAXYS

Фактографическая база данных структурного поиска

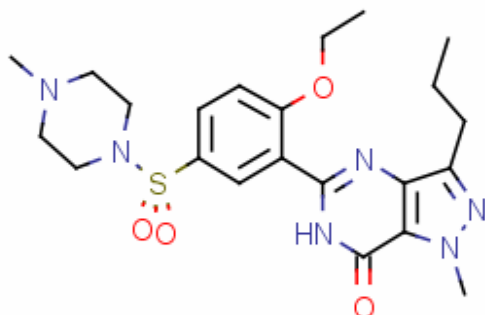


reaxys



Generate structure from name

Double click this frame and draw reaction query



Search as / by

- ☒ Product
- ☐ Starting material
- ☐ Any role
- ☐ Reagent/ Catalyst
- ☒ As drawn
- ☐ Substructure:
 - ☐ on heteroatoms
 - ☒ on all atoms

- ☐ Ignore stereo
- ☐ No isotopes
- ☐ No charges
- ☐ No radicals
- ☐ No additional rings
- ☐ Keep Fragments separate
- ☐ Ignore Atom Mappings

Form-based Search

Advanced Search

Search

- ☒ Reaction Data
- ☒ Bibliographic Data

Clear Query

Load Query

Save Query

База данных экспериментально подтвержденных химических соединений и реакций , с возможностью планирования синтеза



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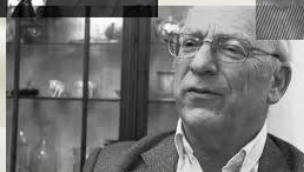
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Reaxys 2013 content expansion details

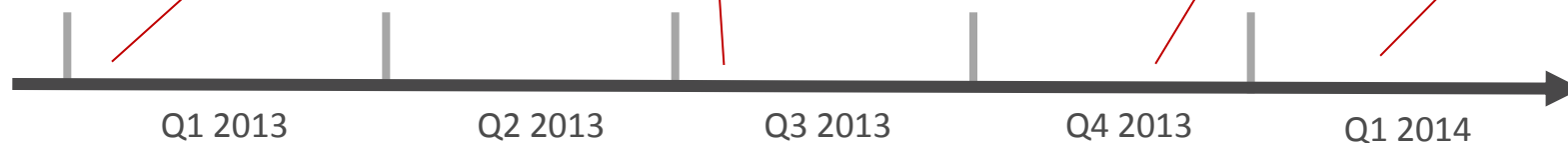
2012	2013
400 journals	15,973 periodicals: chemistry, life sciences, engineering, pharmacology, environmental sciences & more (including journal articles, book series & conference proceedings)
Relevant chemistry patents	Relevant chemistry patents
Historical data (from 1771)	Historical data (from 1771)

- New User Interface
- Abstract and citation data from c.16k periodicals (inc. back files)

- Intelligent keyword searching
- Increased update cycle (weekly)

- Improved indexing and semantic query interpretation

- Improved indexing and further content expansions



The new Reaxys interface

The screenshot displays the Reaxys xcelerate web interface. At the top, the Reaxys logo is on the left, and the Elsevier logo is on the right. A navigation bar contains tabs for Query, Results, Synthesis Plans, History, My Alerts, My Settings, and Help. The 'Literature' tab is selected, showing a sub-menu with 'Citations, articles, patents by common fields'. A search bar is prominently displayed with a placeholder text and a 'Search for' label. Below the search bar, a note states: 'Please note: you are searching across reactions, substances, and literature from Reaxys, Pubchem, and 3rd-Party'. A 'Draw' section features a chemical structure editor with the 'Elemental from dotmatics' logo and a 'Change Structure Editor' dropdown. A 'Limit to' section provides filters for Identification, Reaction, Bibliographic, Physical, Spectra, Bioactivity, Natural Product, and Inorganic. A 'Search' button is located at the bottom right.

reaxys xcelerate™

Welcome to Reaxys

ELSEVIER

Query Results Synthesis Plans History My Alerts My Settings Help

All Literature
Citations, articles, patents by common fields


Please note: you are searching across reactions, substances, and literature from Reaxys, Pubchem, and 3rd-Party

Search for

Enter a keyword or a query, e.g. "nitrobenzene" or "decrease AND 'enzyme"

[Expert Mode](#)

Draw

 Elemental
from dotmatics
Change Structure Editor ▼

[Create Structure Template from Name/Phrase](#)

Limit to

Identification Reaction Bibliographic Physical Spectra Bioactivity Natural Product Inorganic

[Load Form](#)

Clear Query

Search

Literature tab: abstract & citation data

Prominent and improved key-word searching

Merged reaction/substance search to simplify the entry point

Simplified, effective filters: natural product selection, desired physical data etc.

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Technologies and Methods



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Organizations, People
and Approaches



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Методы



COMPARE

СРАВНИТЬ
Организации,
Людей, Продукты
и Подходы



REPORT

ВЫДАТЬ ОТЧЕТ
Результаты
анализа

Illumin8 предназначена чтобы помочь пользователям:

1. Найти новые технологии и процессы для разработки продукта
2. Обнаружить новое применение и новые рынки для существующих технологий
3. Найти потенциальных партнеров и поставщиков для вывода ваших новых идей на рынок
4. Идентифицировать лидирующих экспертов, организации и конкурентов на незнакомых вам рынках
5. Понять потенциальные рынки и преимущества от применения новых методов или от выхода на новые рынки

Research a Topic:

E.g. natural sweetener, biodegradable film, green roofing

Additional Terms: Exclude:

Refine Results

Filters

Content Sources

Date

Category Trends

24,000
20,000
16,000
12,000
8,000
4,000
0

2008 2010 2012

Organizations Products People Approaches

Locations (Beta)

Explore

8,139 results from about 380,000 documents 1 - 60 Sort: Relevance

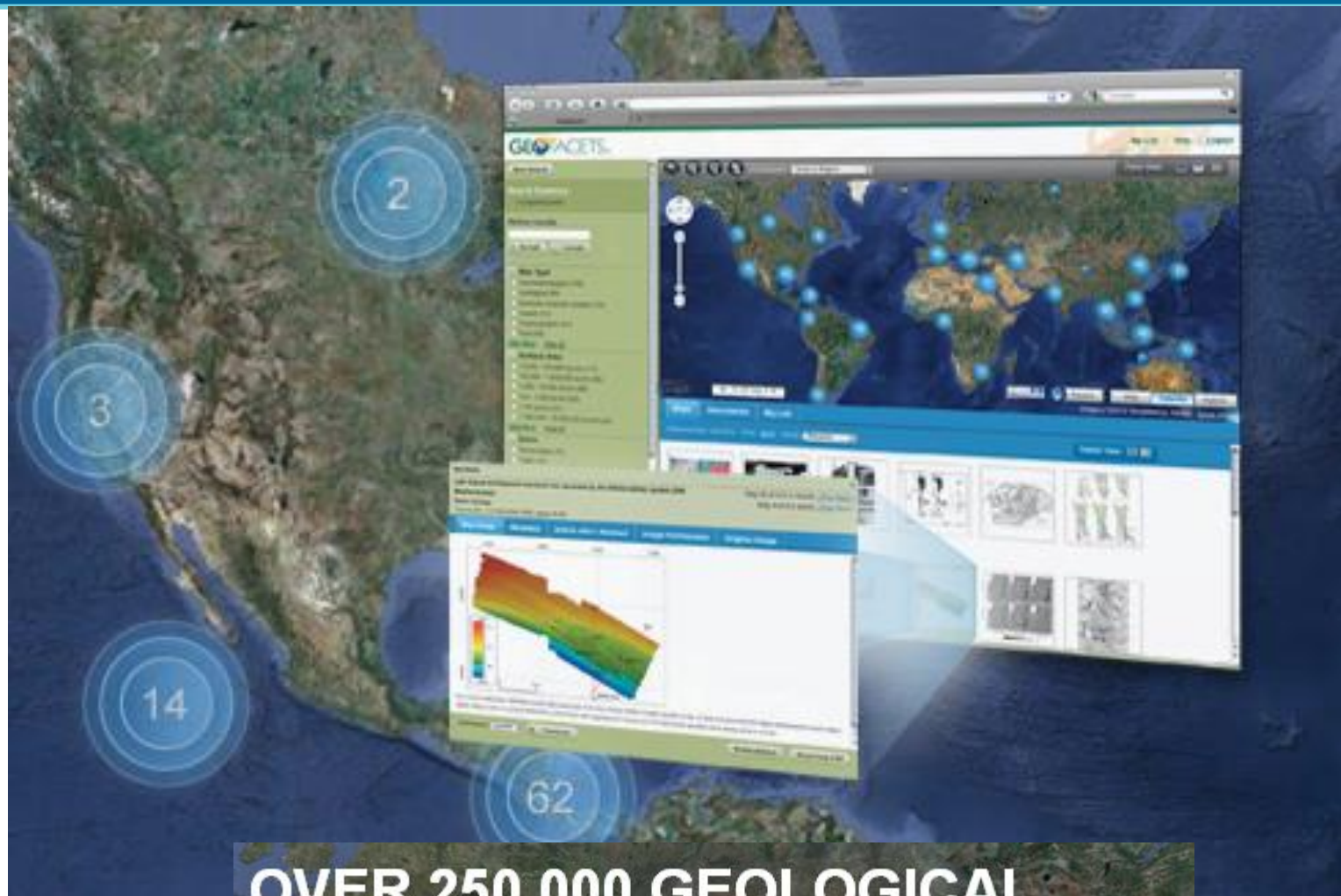
Organizations	Products	People
Nissan Motor	HydroGen	Wang, X.
Toyota Industries	Catalyst	Li, X.
American Honda Motor	Electrolyte	Wang, H.
Ballard Power Systems	Water	Wang, Y.
General Motors	oxygen	Watanabe, M.
Daimler	Methanol	Liu, J.
Plug Power	Platinum	Zhu, X.
Toshiba	Alloy	Liu, Z.
UTC Power	Nafion	Kim, H.
Ida Tech	reactant	Wang, C.

[View more Organizations \(1942\)](#) [View more Products \(2161\)](#) [View more People \(1999\)](#)

Approaches	Journal Keywords	Related Results
process produced formation fluid	FUEL CELLS	Fuel cell system
operate fuel cell system	Solid oxide fuel cell	electrical energy
operate fuel cell	Electrochemistry	fuel cell stack
Figure	Solid oxide fuel cell (SOFC)	electrode
configuration	Hydrogen	vehicle
present disclosure	Proton exchange membrane fuel cel	reaction unit
manufacture fuel cell	Catalyst	fuel
supply hydrogen	Cathode	membrane
attempt	Electrolyte	automobile
supply fuel	Protons	separator

Details

- Записи из отобранных источников с простой навигацией по категориям
- Результаты сгруппированы по категориям наиболее релевантным для инновационных специалистов (организации, продукты, люди, методы, преимущества, недостатки, анализ трендов и т.п.)



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Map Type

- ☐ Geomorphological (108)
- ☐ Geological (89)
- ☐ Borehole-corehole Location (74)
- ☐ Isobath (74)
- ☐ Oceanographic (57)
- ☐ Fault (56)

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Surface Area

- ☐ 10,000 - 100,000 sq km (117)
- ☐ 100,000 - 1,000,000 sq km (86)
- ☐ 1,000 - 10,000 sq km (96)
- ☐ 100 - 1,000 sq km (50)
- ☐ <100 sq km (37)
- ☐ 1,000,000 - 10,000,000 sq km (24)

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Basin

- ☐ Rhone Delta (35)
- ☐ Cadiz (15)
- ☐ Florida-bahama (12)
- ☐ Gulf Coast Basin (12)
- ☐ Rhone Fan (11)
- ☐ Gulf Coast (10)

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Author

- ☐ Berne Serge (27)
- ☐ Gensous Bernard (22)
- ☐ Tesson Michel (22)
- ☐ Locker Stanley D. (21)
- ☐ Doyle Larry J. (20)
- ☐ Labaune Caroline (17)

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MAP OVERLAYS FROM LEADING
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MAPS ARE PROVIDED WITH METADATA
AND INFORMATION ABOUT SOURCE ARTICLES

lat: -33.25, lng: 3.16

Maps Documents My List

Displaying maps: 1-25 of 414 4 Prev Next Sort by: Relevance

Switch View



Mine

Results: 81 to 100 of 1891

<< First < Prev Page 5 Next > Last >>

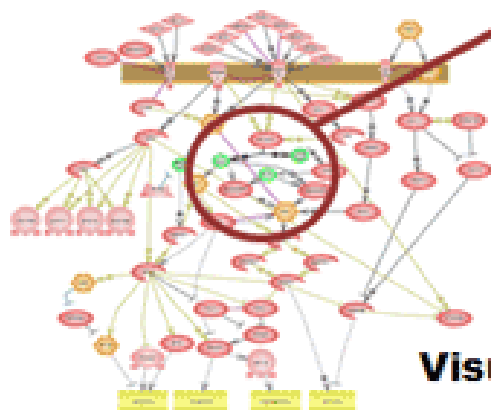
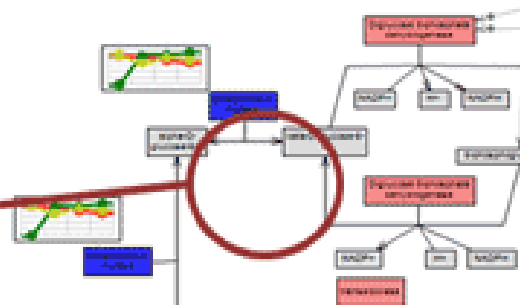
☐ Clin Cancer Res. 2009 Aug 15;15(15):4885-9. Epub 2009 Jul 28.

81. **The green tea polyphenol EGCG potentiates the antiproliferative activity of c-Met and epidermal growth factor receptor inhibitors in non-small cell lung cancer cells.**

Milligan SA, Burke P, Coleman DT, Bigelow M, Steffen JJ, Carroll JA, Williams BJ, Cardelli JA.

Pathway Studio

Integrate



Visualize

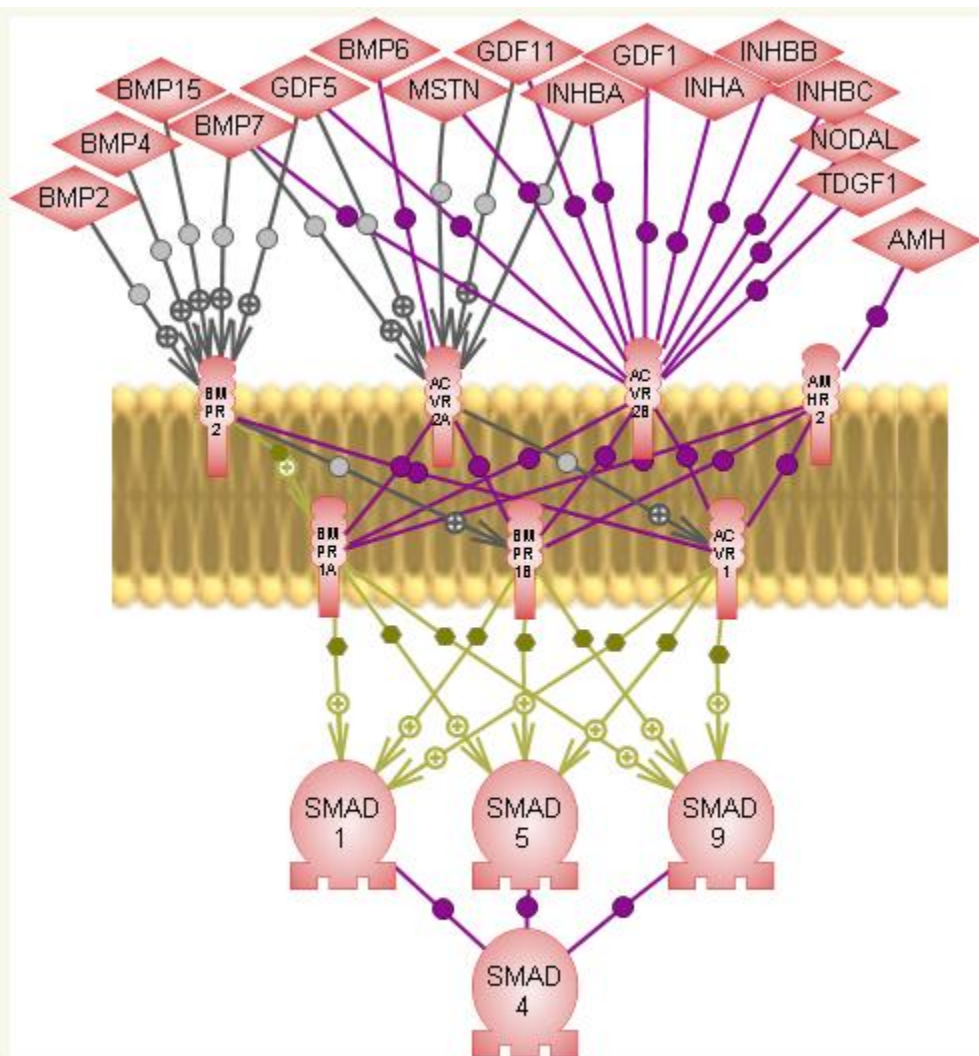
View Colors				
Name	C6: Glioblastoma/...	Brain	GSM106497	GSM106498
Disease		normal	glioblastoma	glioblastoma
CYR61	1.3267	0.0000	1.4000	1.4000
ITGAV	0.2133	1.1200	1.1700	1.2500
VEGFA	0.0360	0.4500	0.4000	0.5600
CALCR	-1.2667	-0.3700	-1.8700	-1.9700
CDKN1B	-0.5200	0.4200	0.6900	0.8100
SERPINE1	2.5700	-1.8100	2.1700	2.2000

Analyze



Areas of research to which the software is applied:

- Analysis of proteomics data
- Biomarkers
- Disease mechanisms
- Drug and target discovery
- Human genetics
- Microarray gene expression data
- Model organisms
- Pathway analysis
- Text mining
- Toxicology and toxicogenomics



ActivinR -> SMAD1/5/9 signaling pathway

<http://why.knovel.com>



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Titles:

Titles	Relevancy
Energy Efficiency Manual	100 %
2008 ASHRAE Handbook - Heating, Ventilating, and Air-Conditioning Systems and Equipment (I-P Edition)	52 %
Radiant Heating and Cooling Handbook	50 %
2009 ASHRAE Handbook - Fundamentals (I-P Edition)	45 %

Sections:

Sections	Relevancy	Content Type
32. Compression Cooling	100 %	Text
2.1.1.1 Install Cooling Thermal Storage	75 %	Text
Interactive Index to the Measures	75 %	Table (3)
Index	50 %	Text
10.2.1 Test Pump Impellers to Match Pump Output to System Pressure and/or Flow Requirements	25 %	Text

Show more results

Density of Liquid

Table: Density of Liquid

Table Type: Interactive Table With Equation Plotter

Search Query: (isooctane density)

Total Number of Search Hits: 1

Total Number of Rows: 4971

Number of Hidden Columns: 1

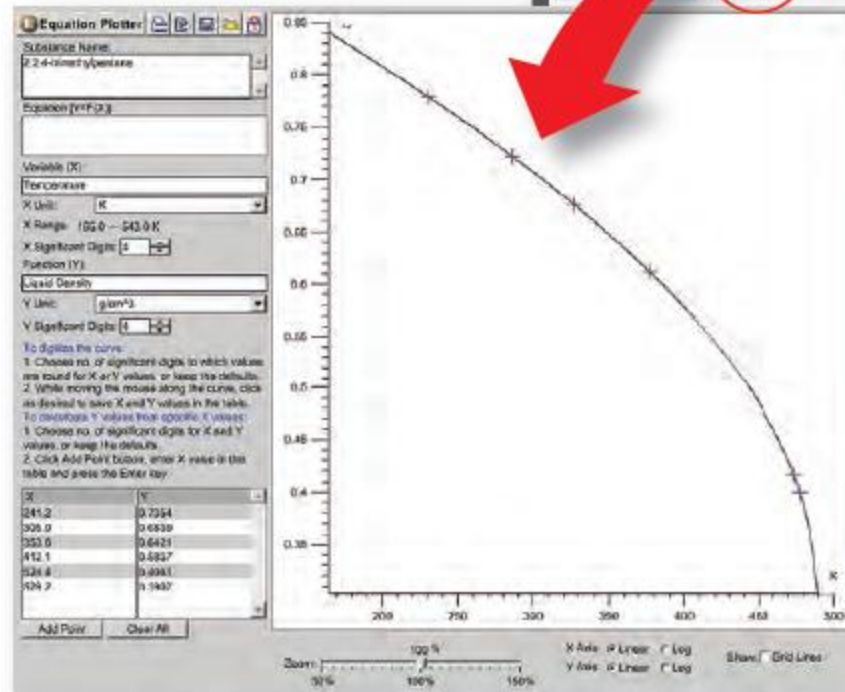
Density of Liquid

Select Rows Filter Data Print Table Export Table View Table Notes

no.	equation plotter	material or subst...	synonym	CAS Registry No.	mol. for
4888		2,2,4-trimethylp...	isobutylmethyle...	540-84-1	C ₈ H ₁₈

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СТАТЬИ РОССИЙСКИХ АВТОРОВ

[Skew-feedback shift-register synthesis and decoding interleaved gabidulin codes](#)

2011; IEEE Transactions on Information Theory; Sidorenko, V., Jiang, L., Bossert, M.

[Pigment-dispersing factor affects nocturnal activity rhythms, photic entrainment, and the free-running period of the circadian clock in the cricket *gryllus bimaculatus*](#)

2011; Journal of Biological Rhythms; Hassaneen, E., El-Din Sallam, A., Abo-Ghaila, A., Moriyama, Y., Karpova, S.G., ...

[Sub-terahertz magnetic and dielectric excitations in hexagonal ferrites](#)

2011; IEEE Transactions on Magnetics; Popov, M., Zavislyak, I., Ustinov, A., Srinivasan, G.

[Three new species of *Lathrolestes* Förster \(Hymenoptera, Ichneumonidae\) from Nepal](#)

2011; Zootaxa; Reshchikov, A.V.

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НОВОСТИ И СОБЫТИЯ

30.11.10 [Читайте, вам зачтется! По востребованности научной периодики можно судить об уровне вуза.](#)

Интервью корреспондента газеты «ПОИСК» Светланы Беляевой с исполнительным директором НЭИКОМ Александром Кузнецовым

23.11.10 [«Эльзевир» публикует первые результаты самого большого в мире эксперимента](#)

Ученые, занимающиеся физикой частиц, с нетерпением ждут публикаций первых результатов экспериментов, проводимых на Большом Адронном Коллайдере в Европейском Центре ядерных исследований (CERN).

16.11.10 [Влияние эффектов фоновой шума на восприятие пищи](#)

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для **Исследователей**



для **Библиотек**

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