

Поиск, анализ научных статей и планирование научно- исследовательской деятельности с помощью Scopus

Андрей Локтев,
консультант по ключевым информационным решениям Elsevier

Как искать научную литературу?

Каким требованиям должен отвечать результат поиска научной литературы:

- Актуальность
- Достоверность:
 - только литература, прошедшая научное рецензирование
 - Только итоговые версии статей и монографий
- Охват
- Тематическое соответствие запросу
- Временные затраты



Scopus

крупнейшая в мире
реферативная и аналитическая
база научных публикаций и
цитирований

22 245 академических журналов
от **5 000** различных издательств включая **340** российских изданий

58.3 миллионов рефератов

Более **120** тысяч книг (в рамках программы расширения книжного контента)

Более **100** стран мира

5,5 млн. материалов научных конференций

390 отраслевых изданий

25,2 миллиона патентных записей



Естественно-
технические науки
6600

Медицина
6300

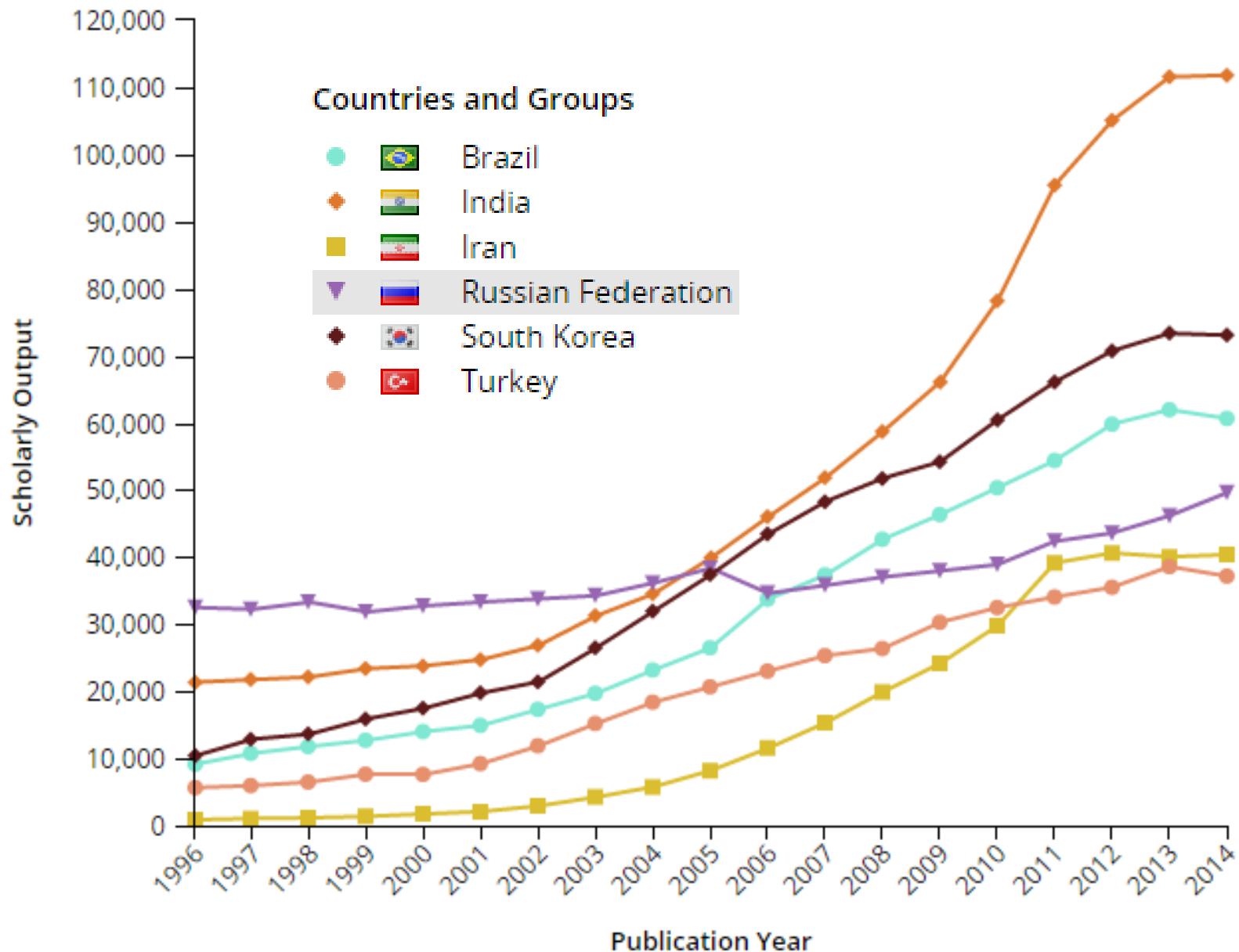
Биология и
смежные науки
4050

Гуманитарные
науки
6350

Scopus

- Реферативная база данных: ресурс, который не содержит полных текстов, но предоставляет ссылки на них
- Для статей имеются библиографические описания, аннотации и списки цитируемой литературы
- Функциональность позволяет искать все статьи, ссылающиеся на данную статью
- Доступна сортировка по количеству цитирований статьи (от наиболее цитируемых к наименее)
- Базовый пакет для анализа цитирований
- Поисковый механизм позволяющий мгновенно получить и проанализировать результаты научной работы

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Subject Areas

 Life Sciences (> 4,300 titles.) Health Sciences (> 6,800 titles. 100% Medline coverage)

Article Title, Abstract, Keywords

All Fields

Article Title, Abstract, Keywords

Authors

First Author

Source Title

Article Title

Abstract

Keywords

Affiliation

Affiliation Name

Affiliation City

Affiliation Country

Language

ISSN

CODEN

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References

Conference

Article Title, Abstract, Keywords, Authors

Chemical Name

CAS Number

Resources

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Логические операторы

- OR
- AND
- AND NOT

Wild cards

\$ - один символ

* - 0 и более символов

Работа с поисковым запросом

- Для первичного поиска используйте комбинацию Article Title+Abstract+Keywords
- Избегайте простых слов как 'a', 'the', 'in', 'with', 'if' в качестве поискового термина

Поиск фраз

Несколько слов, разделенных пробелом, воспринимаются как соединенные AND.

Фраза в кавычках « » - примерные соответствия. При этом будут отображаться результаты в единственном и во множественном числе и падежах. По запросу «интернет-сайт» будут показаны результаты для комбинаций: интернет-сайт, интернет сайты и др.

Фраза в фигурных скобках { } - конкретная фраза.. По запросу {интернет-сайт} будут показаны только результаты для комбинации интернет-сайт.

Расширенный поиск

The screenshot shows the Scopus search interface with several search fields highlighted by red boxes and arrows:

- A red box highlights the "Advanced search" button at the top right.
- A large red box highlights the search query: `(FUND-ACR(rfbr) AND SUBJAREA(MATE) and TITLE-ABS-KEY("elastic* property"))`.
- A red box highlights the text: "более 40 полей поиска, включая и финансирующие фонды".
- A red arrow points from the "Outline query" button to the "Outline query" dropdown menu on the left, which lists search codes: REFPUBYEAR, REFSRCTITLE, REFTITLE, SEQBANK, SEQNUMBER, SRCTITLE, SRCTYPE, and **SUBJAREA**. The "SUBJAREA" option is selected and highlighted with a blue background.
- A red arrow points from the "more info" link in the "SUBJAREA" section to the detailed information about the code.
- A red box highlights the "Code: SUBJAREA" and "Name: Subject Area" text.
- A red box highlights the "For Example: Entering SUBJAREA(CHEM)" text.
- A red box highlights the "Advanced search examples" section at the bottom.

Search tips and field codes are also visible at the top right of the interface.

Расширенный поиск – помощь по ключевым словам

Code	Description	Example		
ALL	<p>All Fields</p> <p>Searches the following fields: ABS, AFFIL, ARTNUM, AUTH, AUTHCOLLAB, CHEM, CODEN, CONF, DOI, EDITOR, ISBN, ISSN, ISSUE, KEY, LANGUAGE, MANUFACTURER, PUBLISHER, PUBYEAR, REF, SEQBANK, SEQNUMBER, SRCTITLE, VOLUME, and TITLE.</p>	ALL ("heart attack") returns documents with "heart attack" in any of the fields listed.		
ABS	<p>Abstract</p> <p>A summary of the document.</p>	ABS(dopamine) returns documents where "dopamine" is in the document abstract.		
AF-ID	<p>Affiliation ID</p> <p>A unique identification number assigned to organizations affiliated with Scopus authors. For more information, see Scopus Affiliation Identifier.</p> <table border="1" data-bbox="428 889 961 1192"> <tr> <td data-bbox="428 889 591 1192">Note</td><td data-bbox="591 889 961 1192"> <ul data-bbox="591 889 961 1192" style="list-style-type: none"> You cannot search using just the affiliation name. For example entering AF-ID(Harvard Medical School) would not result in a match. Boolean operators cannot be used within the AF-ID field. </td></tr> </table>	Note	<ul data-bbox="591 889 961 1192" style="list-style-type: none"> You cannot search using just the affiliation name. For example entering AF-ID(Harvard Medical School) would not result in a match. Boolean operators cannot be used within the AF-ID field. 	AF-ID(Harvard Medical School 3000604) or AF-ID(3000604) returns documents written by authors affiliated with Harvard Medical School and variants of that name stored in Scopus.
Note	<ul data-bbox="591 889 961 1192" style="list-style-type: none"> You cannot search using just the affiliation name. For example entering AF-ID(Harvard Medical School) would not result in a match. Boolean operators cannot be used within the AF-ID field. 			
AFFIL	<p>Affiliation</p> <p>When searching the AFFIL field, you can specify if you want all of your search terms to be found in the same affiliation.</p> <p>For more information and examples see Searching Affiliations and References</p>	<ul data-bbox="961 1192 1716 1440" style="list-style-type: none"> To find documents where your search terms occur in the same affiliation, use: AFFIL(london and hospital) To find documents where both terms appear in a document's affiliation, but not necessarily in the same affiliation, use: AEFTL(london) and AEFTL(hospital) 		

Поиск статей и обзор научных направлений

Отображение поискового запроса (в том числе применных фильтров) и возможность его редактирования

Различные варианты сортировки

(TITLE-ABS-KEY (anti*coagul*) AND TITLE-ABS-KEY (antithrombotic agent*))

21,298 document results

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Sort on: Date Cited by Relevance

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During PCI for Patients with Stable Angina	Iqbal, A., Rodriguez, F., Schirmer, H.	2015	Current Cardiology Reports	0
View at Publisher				
Antiplatelet and antithrombotic activity of a fibrin(ogen)olytic	Majumdar, S., Dutta, S., Das, T., Chattopadhyay, P., Mukherjee, A.K.	2015	International Journal of Biological Macromolecules	0
View at Publisher				
Is the use of risk scores an indicator of guideline adherence for patients with acute coronary syndromes? Insights from the EYESHOT registry	De Luca, L., Leonardi, S., Tubaro, M., (...), Gulizia, M.M., De Servi, S.	2015	International Journal of Cardiology	0
View at Publisher				
guidelines on stroke in a cross-sectional	Van Doorn, S., Hartman-Weide, F., Geersing, G.-J., (...), Hoes, A.W., Rutten, F.H.	2015	International Journal of Cardiology	0
View at Publisher				
Dual Antiplatelet Therapy in Acute Ischemic Stroke	Asdaghi, N., Romano, J.G.	2015	Current Atherosclerosis Reports	0
View at Publisher				
Rationale and design of the RT-AF study: Combination of rivaroxaban and ticagrelor in patients with atrial fibrillation and coronary artery disease undergoing percutaneous coronary intervention	Gao, F., Shen, H., Wang, Z.J., (...), Liu, X.L., Zhou, Y.J.	2015	Contemporary Clinical Trials	0
View at Publisher				

Возможность поиска внутри полученных результатов

Возможность фильтрации (ограничение/исключение) по нескольким фильтрам сразу

Превью результатов фильтрации без перезагрузки страницы

Year

2015 (493)

2014 (1,39)

2013 (1,32)

2012 (1,24)

2011 (1,08)

Author Name

Lip, G.Y.H. (253)

Fareed, J. (146)

Hirsh, J. (97)

Fuster, V. (90)

Turpie, A.G.G. (75)

Subject Area

Medicine (18,444)

Pharmacology, Toxicology and Pharmacokinetics (2,398)

Biochemistry, Genetics and Molecular Biology (2,026)

Основные проблемы при поиске

- Слишком много результатов
- Слишком мало результатов
- Результатов достаточно, но они не по теме



Слишком много результатов

- Добавьте еще ключевых слов в запрос или выберите из предложенных
- Ограничьте временной диапазон самыми новыми результатами
- От поиска по комбинации (название-аннотация-ключевые слова) перейдите к поиску только по названию
- Ограничьте поиск только обзорными статьями (review)
- Ограничьте перечень журналов наиболее престижными

Document Type	
<input type="checkbox"/>	Article (71,936)
<input type="checkbox"/>	Conference Paper (18,373)
<input type="checkbox"/>	Review (2,104)
<input type="checkbox"/>	Conference Review (795)
<input type="checkbox"/>	Book Chapter (668)

Слишком мало результатов

- Используйте ключевые слова из найденных статей вместо ваших
- Проверьте возможность альтернативного написания в поисковом запросе
- Добавьте больше вариантов (OR)
- Снимите имеющиеся временные и географические ограничения

Keyword	
<input type="checkbox"/> Diamonds	(19,575) >
<input type="checkbox"/> Diamond	(9,834) >
<input type="checkbox"/> Article	(9,078) >
<input type="checkbox"/> Diamond films	(7,999) >
<input type="checkbox"/> Chemical vapor deposition	(7,526) >
<input type="checkbox"/> Human	(4,772) >
<input type="checkbox"/> Scanning electron microscopy	(4,518) >
<input type="checkbox"/> Carbon	(4,432) >
<input type="checkbox"/> Raman spectroscopy	(3,730) >
<input type="checkbox"/> Diamond cutting tools	(3,595) >

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Результатов достаточно, но они не по теме

- Убедитесь, что символы-заменители не ведут к появлению ненужных слов, например, замените **car*** на **(car OR cars)**, чтобы убрать из поиска слова **careful, cara** и др.
- Если вы ищете устойчивые словосочетания, они должны быть заключены в кавычки или фигурные скобки
- Исключите неподходящие значения, например: **jaguar NOT car**, если вы ищете животное
- Ограничите поиск только названием и ключевыми словами
- Ограничите область знания

Subject Area	^
<input type="checkbox"/> Physics and Astronomy	(40,947)
<input type="checkbox"/> Materials Science	(36,236)
<input type="checkbox"/> Engineering	(31,321)
<input type="checkbox"/> Chemistry	(11,636)
<input type="checkbox"/> Earth and Planetary Sciences	(7,547)
<input type="checkbox"/> Medicine	(5,342)
<input type="checkbox"/> Chemical Engineering	(4,672)
<input type="checkbox"/> Computer Science	(3,685)
<input type="checkbox"/> Biochemistry, Genetics and Molecular Biology	(3,266)
<input type="checkbox"/> Environmental Science	(3,006)

Как убедиться в качестве проведенного поиска?

- Видна ли в результатах вашего поиска последовательность исследований, отражающая процесс приращения знаний в искомой научной области?
- Имеют ли различные варианты ваших поисков тенденцию к использованию в качестве ссылок одного и того же «ядра» статей и авторов?
- Указывают ли различные варианты ваших поисков на одного и того же исследователя (или группу ученых), ставшего пионером в искомой научной теме?
- Вы изучили все подходящие ссылки на научные источники и возможные синонимы искомого поискового запроса.
- Вы уверены в актуальности найденной информации.

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Кто наиболее публикуемые авторы?

Какие журналы содержат публикации?

В каких странах и организациях ведутся исследования?

heva, N., Chariev,
2001 Proceedings of the National
Academy of Sciences of the
United States of America 256

Falzon, D., Jaramillo, E.,
Schünemann, H.J., (...),
White, R.A., Zignol, M.
2011 European Respiratory Journal 152

Migliori, G.B., Besozzi, G.,
Girardi, E., (...), Hollo, V.,
Mariandyshev, A.
2007 European Respiratory Journal 135

D.V., 2001 Critical Care Medicine 87

-Stone, 2002 Journal of the American
Academy of Child and
Adolescent Psychiatry
41 (3), pp. 322-329
85
Cited by

Y., 2006 Critical Care Medicine 84

Toungoussova, O.S.,
Mariandyshev, A., Bjune, G.,
Lit, D.A.
2003 Clinical Infectious Diseases 60

Ira, N.V., McClain,
2008 Alcohol 55

isi, S., 2008 American Journal of Human 52

Запись/реферат в Scopus

Данные по цитируемости

Cited by 1097 documents since 1990

Advanced Materials

Volume 13, Issue 1, 5 January 2001, Pages 11-22

Nanoengineering of particle surfaces

Caruso, F.  

Max Planck Inst. Colloids Interfaces, D-14424 Potsdam, Germany

Подробная информация о статье

Abstract

 View references (140)

The creation of core-shell particles is attracting a great deal of interest because of the diverse applicability of these colloidal particles. The state-of-the-art strategies for engineering particle surfaces are presented such as the layer-by-layer deposition process. Many of the approaches for constructing composite-colloidal entities are still in their infancy. The fabrication of nanostructured particles with designed interface structure-property relationships is likely to be paved. This will narrow the gap that exists between thin film fabrication on planar surfaces and colloidal particles.

Indexed keywords

Engineering controlled terms: Colloids; Composition; Deposition; Particle size analysis; Surface chemist

Engineering uncontrolled terms: Core-shell particles; Photonic crystals

Engineering main heading: Nanostructured materials

Ссылки на веб и патенты

ISSN: 09359648 CODEN: ADVME Source Type: Journal Original language: English

DOI: 10.1002/1521-4095(200101)13:1<11::AID-ADMA11>3.0.CO;2-N Document Type: Article

Publisher: Wiley-VCH Verlag Berlin GmbH, Weinheim, Germany

References (140)

First 80 references displayed ([View all references](#))

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Пристатейная литература

Page  Export |  Print |  E-mail |  Create bibliography

Wilcox, D.L., Berg, M., Bernat, T., Kellerman, D., Cochran, J.K.

A simple hydrogen peroxide biosensor based on a novel electro-magnetic poly(p-phenylenediamine) nanocomposite

Baghayeri, M., Nazarzadeh Zare, E., Mansour Lakouraj, M. (2014) *Biosensors and Bioelectronics*

Colloidal construction of porous polysaccharide-suppo... cadmium sulphide

White, R.J., Budarin, V.L., Clark, J.H. (2014) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*

Nanocomposite hydrogels for biomedical applications

Gaharwar, A.K., Peppas, N.A., Khademhosseini, A. (2014) *Biotechnology and Bioengineering*

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Magnetic nanocomposite particles and hollow spheres constructed by a sequential layering approach

Caruso, F., Spasova, M., Susha, A. (2001) *Chemistry of Materials*

Core-shell particles and hollow shells containing metallo-supramolecul... components

Caruso, F., Schüler, C., Kurth, D.G. (1999) *Chemistry of Materials*

Generation of Complex Colloids by Polyelectrolyte-Assi... Electrostatic Self-Assembly

Caruso, F. (2004) *Advanced Colloid and Interface Science*

Дополнительные возможности работы с поисковым запросом

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регистрация)

(TITLE-ABS-KEY (supersonic) AND TITLE-ABS-KEY ("sonic boom"))



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2013 (29)

2012 (45)

2011 (31)

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2009 (25)

2008 (31)

2007 (28)

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near imaging: A new technique for soft tissue

Bercoff, J., Tanter, M., Fink, M.

IEEE Transactions on Ultrasonics,

Ferroelectrics, and Frequency Control

868

[Full Text](#)

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Conical flow induced by quenched QCD jets

2

Casalderrey-Solana, J., Shuryak, E.V., Teaney, D.

2005

Journal of Physics: Conference Series

207

[Open Access](#)

[Full Text](#)

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Atmospheric absorption in the atmosphere up to 160 km

3

Sutherland, L.C., Bass, H.E.

2004

Journal of the Acoustical Society of America

119

[Full Text](#)

[View at Publisher](#)

Flow control using various plasma and aerodynamic approaches (short review)

4

Fomin, V.M., Tretyakov, P.K., Taran, J.-P.

2004

Aerospace Science and Technology

59

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Author Name

Makino, Y. (18)

Plotkin, K.J. (12)

Alonso, J.J. (11)

Данные патентов

Patent results

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Engineering (1)

Environmental Science (1)

Materials Science (1)

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2015 (9)

2014 (8)

2013 (4)

2012 (6)

Shaping and inclusion of spike on a supersonic aircraft for controlling and reducing sonic boom EUROPEAN PATENT APPLICATION, December 2012

Henne, Preston ; Howe, Donald ; Wolz, Robert ; Hancock, Jimmy (Gulfstream Aerospace Corporation)

Full text available at patent office. For more in-depth searching go to LexisNexis®

FUSELAGE SHAPING AND INCLUSION OF SPIKE ON A SUPersonic AIRCRAFT FOR CONTROLLING AND REDUCING SONIC BOOM

EUROPEAN PATENT, September 2009

HENNE, Preston ; HOWE, Donald ; WOLZ, Robert ; HANCOCK, Jimmy (Gulfstream Aerospace Corporation)

Full text available at patent office. For more in-depth searching go to LexisNexis®

PASSIVE AERODYNAMIC SONIC BOOM SUPPRESSION FOR SUPersonic AIRCRAFT

EUROPEAN PATENT APPLICATION, November 2002

HARTMANN, Tom ; MORGENSTERN, John, M. (Lockheed Martin Corporation)

Full text available at patent office. For more in-depth searching go to LexisNexis®

SUPersonic AIRCRAFT WITH ACTIVE LIFT DISTRIBUTION CONTROL FOR REDUCING SONIC BOOM

PATENT COOPERATION TREATY APPLICATION, August 2006

ADAMSON, Eric E. ; NELSON, Chester P. (THE BOEING COMPANY)

Full text available at patent office. For more in-depth searching go to LexisNexis®

SUPersonic AIRCRAFT WITH ACTIVE LIFT DISTRIBUTION CONTROL FOR REDUCING SONIC BOOM

EUROPEAN PATENT APPLICATION, October 2007

ADAMSON, Eric E. ; NELSON, Chester P. (The Boeing Company)

Full text available at patent office. For more in-depth searching go to LexisNexis®

SYSTEMS AND METHODS FOR CONTROLLING A MAGNITUDE OF A SONIC BOOM

EUROPEAN PATENT APPLICATION, December 2015

FREUND, Donald (Gulfstream Aerospace Corporation)

Full text available at patent office. For more in-depth searching go to LexisNexis®

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Author Name

<input type="checkbox"/> Makino, Y.	(18)
<input type="checkbox"/> Plotkin, K.J.	(12)
<input type="checkbox"/> Alonso, J.J.	(11)
<input type="checkbox"/> Obayashi, S.	(11)
<input type="checkbox"/> Haering, E.A.	(11)
<input type="checkbox"/> Coulouvrat, F.	(11)
<input type="checkbox"/> Rallabhandi, S.K.	(11)
<input type="checkbox"/> Cliff, S.E.	(10)
<input type="checkbox"/> Coertner, R.	(10)

Supersonic spread elastic mapping

Conical flow induced

Atmospheric absorption

Flow control using approaches (short)

Sonic boom in supersonic aircraft

State of the art of supersonic aircraft

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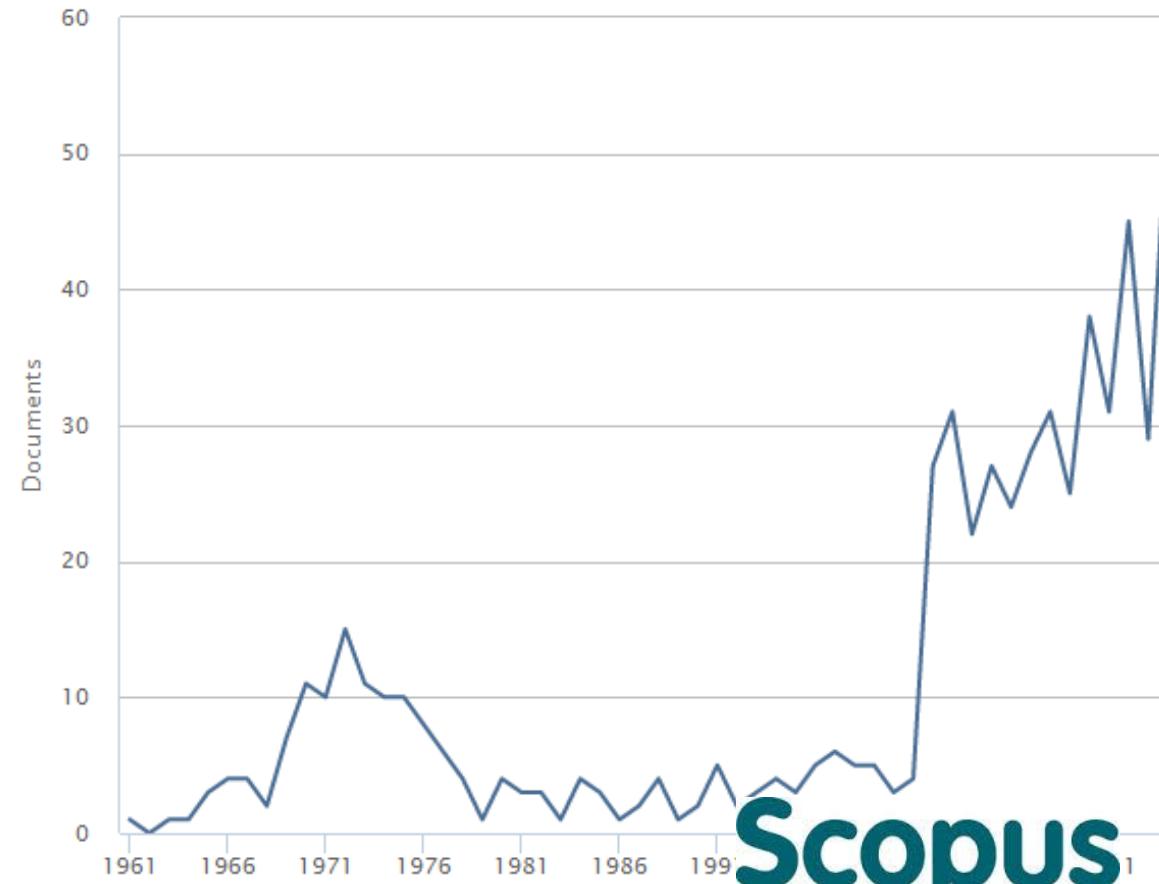
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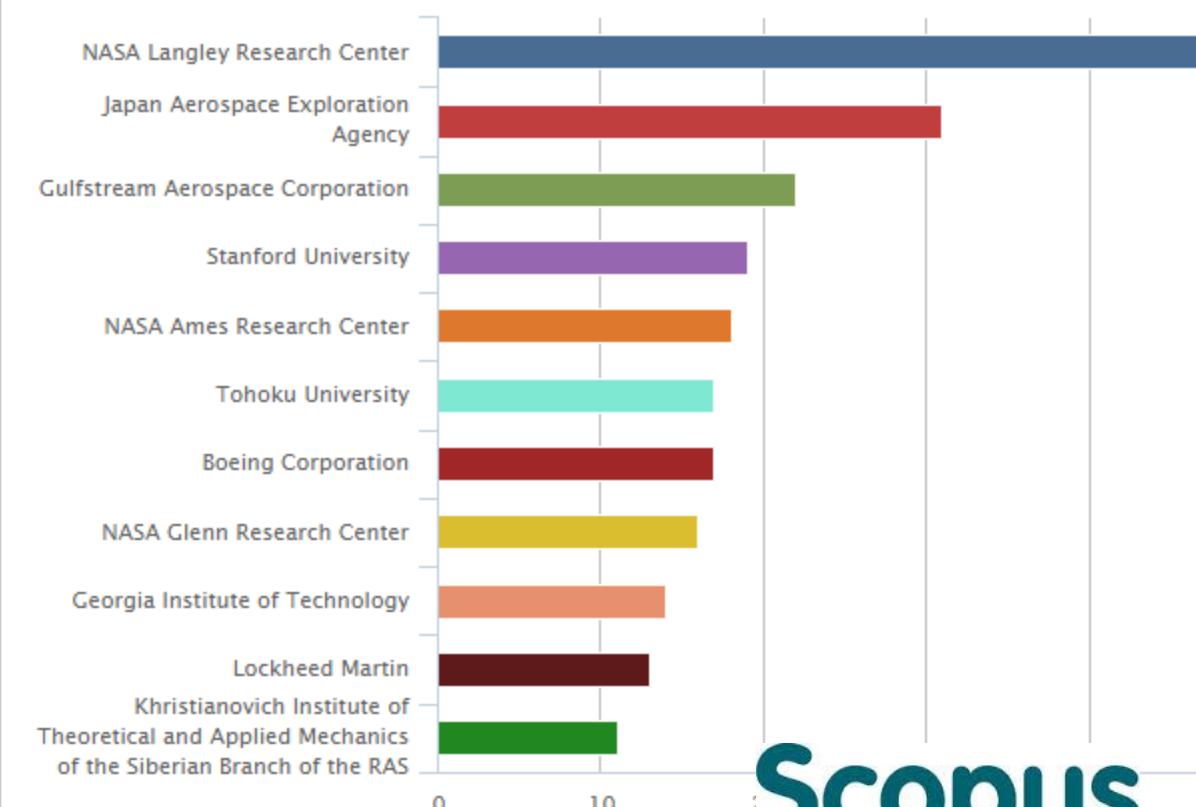
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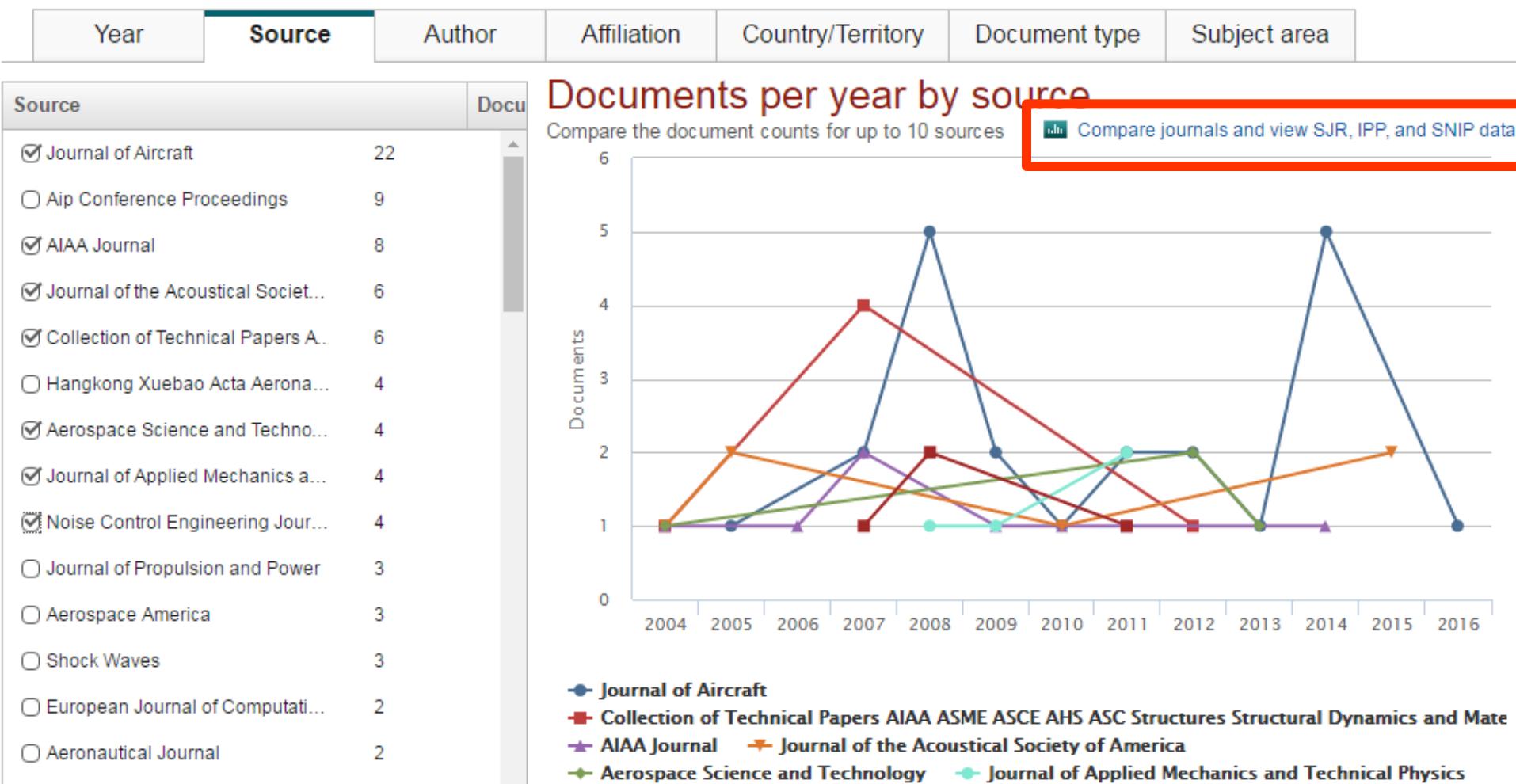
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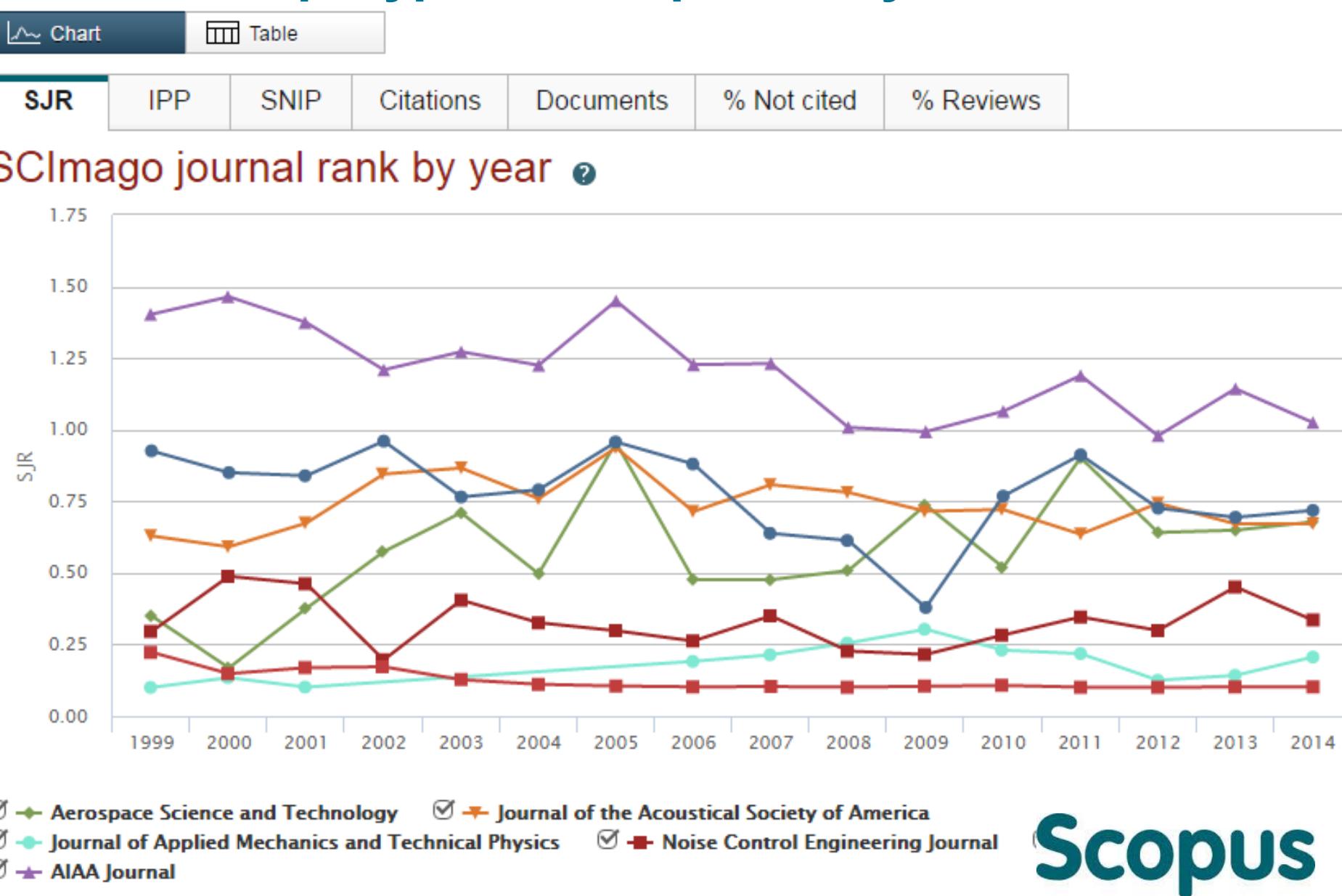
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V.I. Vernadsky Crimean Federal University,
Simferopol, Ukraine

Author ID: 36994043000

Documents: 31

Citations: 69 total citations by 51 documents

h-index: 6

Рейтинг автора (h-index)

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Epitaxial Bi-Gd-Sc iron-garnet films for magnetophotonic applications

Prokopov, A.R.,
Vetoshko, P.M.,

2016 Journal of Alloys and Compounds

0

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Magneto optics of single and microresonator iron-garnet films at low temperatures

Shaposhnikov, A.N.,
Prokopov, A.R.,
Berzhansky, V.N., (...),
Miloslavskaya, O.V.,
Kharchenko, Y.M.

2016 Optical Materials

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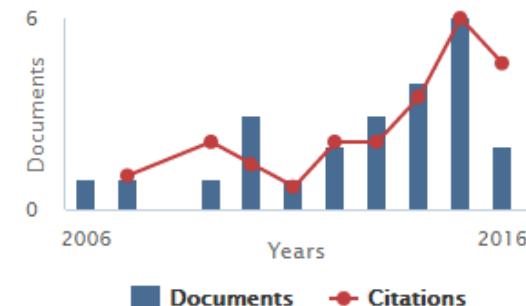
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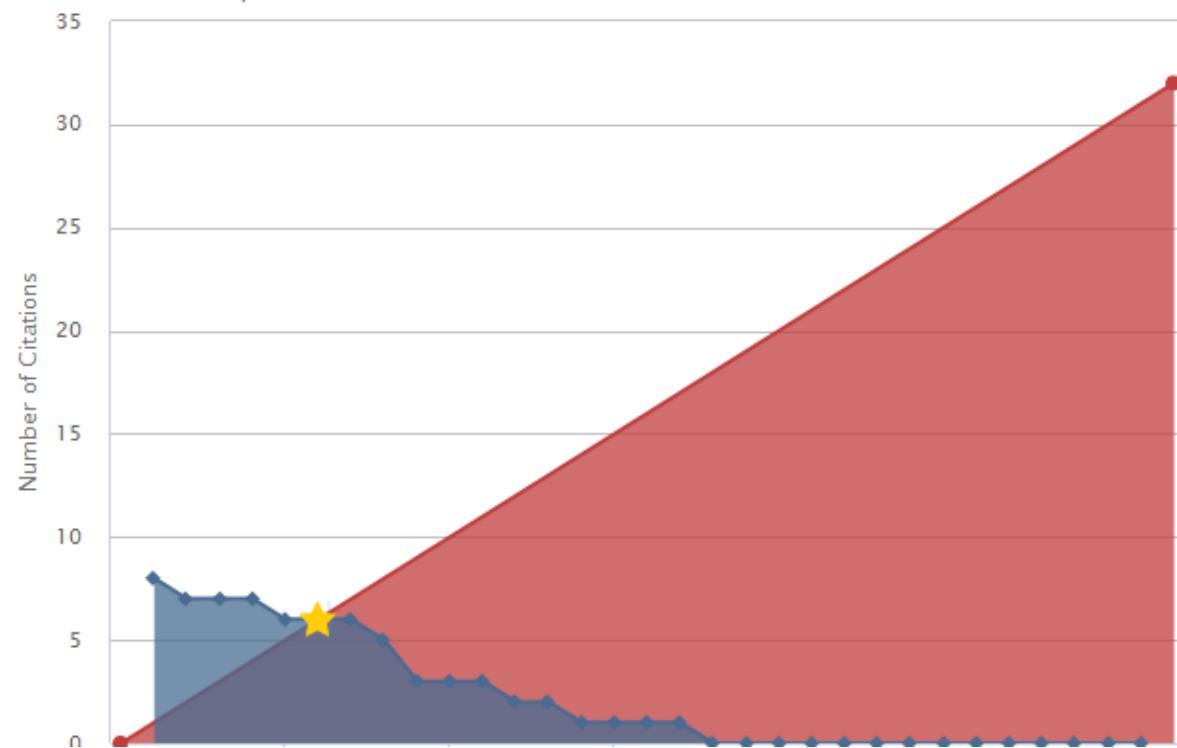
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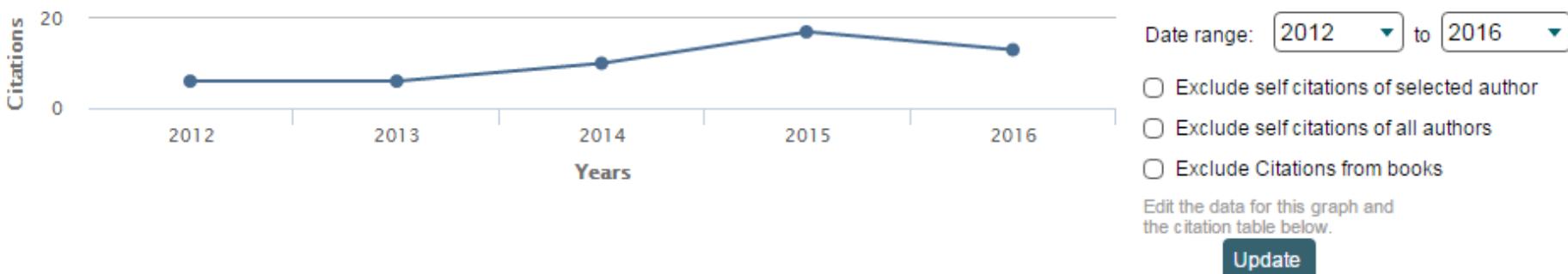


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2	Photonic crystals with plasmonic patterns: Novel type of the...		2015							5	2		7		7
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Zherebtsov, Dmitry A.

Juzno-Uralskij Gosudarstvennyj Universitet,
Chelyabinsk, Russian Federation

Author ID: 6603541949

 <http://orcid.org/0000-0002-3368-9858>

Documents: 48

Citations: 182 total citations by 155 documents

h-index: 7 

Co-authors: 90

Subject area: Materials Science , Chemistry [View More](#)

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Vakhitov, M.G.

2015 [Russian Journal of Physical Chemistry A](#) 0

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Growth, structural and magnetic characterization of Co- and Ni-substituted barium hexaferrite single crystals

Vinnik, D.A.,
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(...), Isaenko, L.I.,
Niewa, R.

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Author History

Publication range: 1999 - Present

References: 747

Source history:

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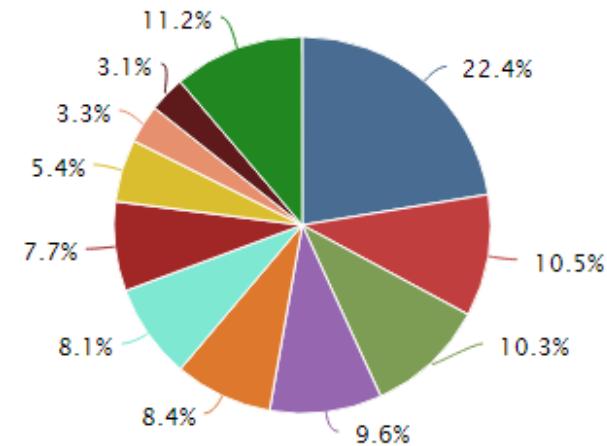
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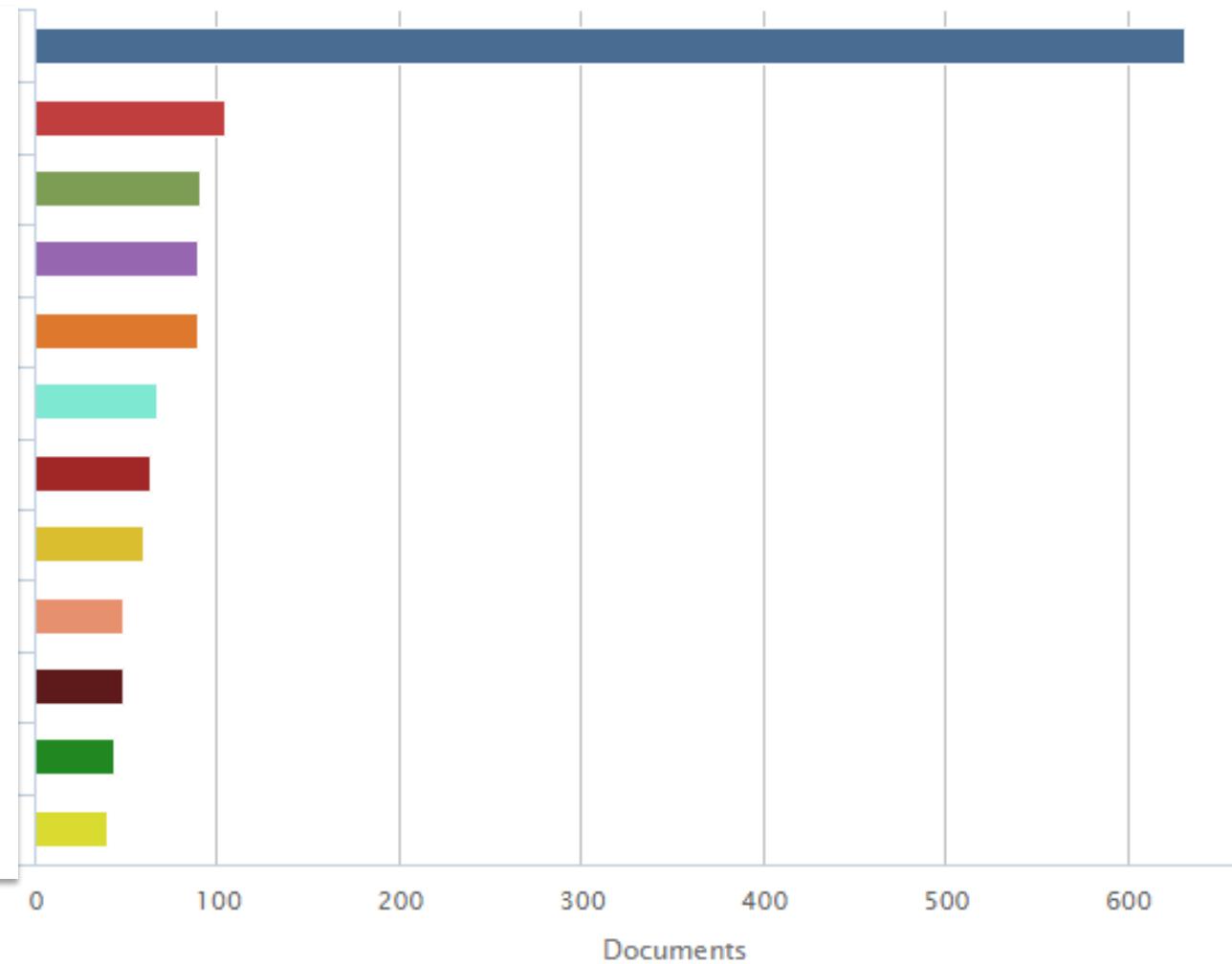
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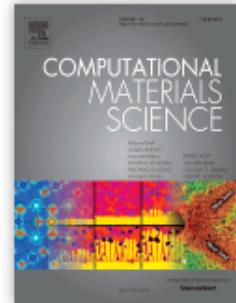
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