



# Практическое применение данных о цитировании в российских университетах и научных организациях

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Павел Касьянов,  
Региональный представитель

# Основные пользователи информации о цитировании

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- Учёные/исследователи
- Сотрудники электронных библиотек
- Научное руководство/администрация



# Цикл научных исследований



## Web of Science – реферативная база данных по научным публикациям

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- Анализ цитирования



# Web of Science – фильтрация по источникам финансирования

Results: **834**

Sort by: Times Cited

## Refine Results

Search within results for

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### Document Types

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### Authors

### Source Titles

### Publication Years

### Conference Titles

### Institutions

### Funding Agencies

### Languages

### Countries/Territories

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## Funding Agencies

Sort these by:

The first 100 Funding Agencies (by record count) are shown. For advanced refine options, use

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| <input type="checkbox"/> NATO (3)   | <input type="checkbox"/> DEVELOPMENT OF UPPER SCHOOL SCIENTIFIC POTENTIAL (1)   | <input type="checkbox"/> MINISTRY OF SCIENCE AND EDUCATION OF THE RUSSIAN FEDERATION (1)     | <input type="checkbox"/> RUSSIAN FOUNDATION FOR BASIC RESEARCH RFBR (1)  |
| <input type="checkbox"/> ROSOBRAZOVANIE (3)   | <input type="checkbox"/> EPSRC (1)  | <input type="checkbox"/> MINISTRY OF THE EDUCATION AND SCIENCE OF THE RUSSIAN FEDERATION (1) | <input type="checkbox"/> RUSSIAN FOUNDATION FOR BASIC RESEARCHES (1)   |
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# Web of Science – поиск информации

## Condensed combustion products at the burning surface of aluminized solid propellant

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Holdings

**Author(s):** Babuk VA, Vasilyev VA, Malakhov MS

**Source:** JOURNAL OF PROPULSION AND POWER **Volume:** 15 **Issue:** 6 **Pages:** 783-793 **Published:** NOV-DEC 1999

**Times Cited:** 18 **References:** 38  [Citation Map](#)

**Abstract:** Experimental results are presented on the formation of condensed combustion products (CCPs) at the burning surface of aluminized solid propellants. A number of experimental techniques were developed for describing the characteristics of the CCPs as a function of the oxidizer particle size and pressure. The results of this investigation provide qualitative descriptions of the CCPs formed at the propellant burning surface as functions of oxidizer particle size and pressure.

**Document Type:** Article

**Language:** English

**Reprint Address:** Babuk, VA (reprint author), Balt State Tech Univ, Dept Space Vehicles & Rocket Motors, 1st Krasnoarmeyskaya St 1, St Petersburg 198005, Russia

### Addresses:

1. Balt State Tech Univ, Dept Space Vehicles & Rocket Motors, St Petersburg 198005, Russia

**Publisher:** AMER INST AERONAUT ASTRONAUT, 1801 ALEXANDER BELL DRIVE, STE 500, RESTON, VA 22091 USA

**Subject Category:** Engineering, Aerospace

**IDS Number:** 262XU

**ISSN:** 0748-4658

### Cited by: 18

This article has been cited 18 times (from Web of Science).

Babuk VA. [Properties of the surface layer and combustion behavior of metallized solid propellants](#) COMBUSTION EXPLOSION AND SHOCK WAVES 45 4 486-494 JUL 2009

Babuk V, Dolotkazin I, Gamsov A, et al. [Nanoaluminum as a Solid Propellant Fuel](#) JOURNAL OF PROPULSION AND POWER 25 2 482-489 MAR-APR 2009

Babuk VA, Vasil'ev VA, Potekhin AN. [Experimental Investigation of Agglomeration during Combustion of Aluminized Solid Propellants in an Acceleration Field](#) COMBUSTION EXPLOSION AND SHOCK WAVES 45 1 32-39 JAN 2009

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## Web of Science – фильтрация информации

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KOROTAYEV, AV (9)

KARASEV, LV (8)

KOROTAYEV, A (8)

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ISSLEDOVANIYA (49)

OTECHESTVENNAYA ISTORIYA (48)

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- И т.д.



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# Journal Citation Reports – в каком журнале опубликовать статью?

- импакт-фактор – показатель, рассчитываемый эксклюзивно в JCR

Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	JCR		
			Total Cites	Impact Factor	5-Year Impact Factor
1	<a href="#">NAT PHOTONICS</a>	1749-4885	1745	24.982	24.982
2	<a href="#">LASER PHOTONICS REV</a>	1863-8880	87	4.357	4.357
3	<a href="#">OPT EXPRESS</a>	1094-4087	28429	3.880	4.187
4	<a href="#">OPT LETT</a>	0146-9592	37689	3.772	3.803
5	<a href="#">J BIOMED OPT</a>	1083-3668	4506	2.970	3.371
6	<a href="#">PHYS REV A</a>	1050-2947	77793	2.908	2.921
7	<a href="#">ADV ATOM MOL OPT PHY</a>	1049-250X	828	2.762	3.109
8	<a href="#">J LIGHTWAVE TECHNOL</a>	0733-8724	12901	2.736	2.839
9	<a href="#">IEEE J SEL TOP QUANT</a>	1077-260X	5332	2.518	2.655
10	<a href="#">J SYNCHROTRON RADIAT</a>	0909-0495	2343	2.333	2.629

Категория: Optics



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- 1 Andreev, A. *et al.* Highly anisotropically self-assembled structures of para-sexiphenyl grown by hot-wall epitaxy. *Advanced Materials* **12**, 629-+ (2000).
- 2 Boldyrev, V. V. & Tkacova, K. in *3rd International Conference on Mechanochemistry and Mechanical Alloying*. 121-132.
- 3 Myshlyaev, M. M., McQueen, H. J., Mwembela, A. & Konopleva, E. Twinning, dynamic recovery and recrystallization in hot worked Mg-Al-Zn alloy. *Materials Science and Engineering a-Structural Materials Properties Microstructure and Processing* **337**, 121-133 (2002).
- 4 Quochi, F. *et al.* Random laser action in self-organized para-sexiphenyl nanofibers grown by hot-wall epitaxy. *Applied Physics Letters* **84**, 4454-4456, doi:10.1063/1.1759384 (2004).



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# Отчёт по цитированию автора

Published Items in Each Year



# Продвижение результатов своей деятельности

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- Публикация работы в индексируемом WoS журнале увеличивает потенциальную аудиторию на порядок, а иногда – не на один.
- ResearcherID
  - глобальное сообщество исследователей
  - привязка статей к базе Web of Science



# Цикл научных исследований





# Web of Science для библиотекаря

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- Какие журналы закупать библиотеке?
- Насколько часто читаются те или иные журналы?

## Web of Science – в каких журналах публикуются наши учёные?

Field: Source Title	Record Count	% of 7585	Bar Chart	<a href="#">Save Analysis Data to File</a>
RUSSIAN JOURNAL OF APPLIED CHEMISTRY	1064	14.0277 %		
PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE)	333	4.3902 %		
SEMICONDUCTORS	327	4.3111 %		
ZHURNAL OBSHCHEI KHIMII	303	3.9947 %		
RUSSIAN JOURNAL OF GENERAL CHEMISTRY	254	3.3487 %		
TECHNICAL PHYSICS LETTERS	176	2.3204 %		
FIBRE CHEMISTRY	162	2.1358 %		
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	162	2.1358 %		
TECHNICAL PHYSICS	157	2.0699 %		
ZHURNAL ORGANICHESKOI KHIMII	155	2.0435 %		
GLASS PHYSICS AND CHEMISTRY	143	1.8853 %		
PHYSICS OF THE SOLID STATE	135	1.7798 %		
JOURNAL OF APPLIED CHEMISTRY OF THE USSR	105	1.3843 %		
JOURNAL OF OPTICAL TECHNOLOGY	94	1.2393 %		
REFRACTORIES AND INDUSTRIAL CERAMICS	80	1.0547 %		
PHYSICAL REVIEW B	69	0.9097 %		
OPTICS AND SPECTROSCOPY	62	0.8174 %		
PHYSICAL REVIEW LETTERS	62	0.8174 %		
PISMA V ZHURNAL TEKHNIЧЕСКОИ ФИЗИКИ	57	0.7515 %		
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY	57	0.7515 %		



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# Journal Citation Reports

- Какие журналы действительно нужны библиотеке?

Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	JCR		
			Total Cites	Impact Factor	5-Year Impact Factor
1	<a href="#">IEEE T PATTERN ANAL</a>	0162-8828	24674	5.960	7.981
2	<a href="#">IEEE T IND ELECTRON</a>	0278-0046	9014	5.468	4.665
3	<a href="#">PROG QUANT ELECTRON</a>	0079-6727	634	4.750	5.909
4	<a href="#">PROG ELECTROMAGN RES</a>	1559-8985	3346	4.735	
5	<a href="#">P IEEE</a>	0018-9219	17993	4.613	6.824
6	<a href="#">IEEE J SEL AREA COMM</a>	0733-8716	13838	4.249	5.615
7	<a href="#">IEEE T MED IMAGING</a>	0278-0062	10426	4.004	5.544
8	<a href="#">IEEE T INFORM THEORY</a>	0018-9448	29333	3.793	5.434
9	<a href="#">IEEE SIGNAL PROC MAG</a>	1053-5888	3040	3.758	6.157
10	<a href="#">IEEE T NEURAL NETWORK</a>	1045-9227	9883	3.726	4.144

Категория: Engineering, Electrical and Electronic



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# Web of Science – привязка к полным текстам статей

## Comparing performance of algorithms for generating concept lattices

[Full Text](#) [→Links](#)

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Holdings  [Go](#)

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**Author(s):** Kuznetsov SO, Obiedkov SA

**Source:** JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE **Volume:** 14 **Issue:** 2 **Pages:** 189-216 **Published:** APR 2002

**Times Cited:** 57 **References:** 32 [Citation Map](#)

**Conference Information:** International Workshop on Concept Lattice-Based Theory, Methods and Tools for KDD STANFORD UNIV, STANFORD, CA, JUL, 2001

**Abstract:** Recently concept lattices became widely used tools for intelligent data analysis. In this paper, several algorithms that generate the set of all formal concepts and diagram graphs of concept lattices are considered. Some modifications of well-known algorithms are proposed. Algorithmic complexity of the algorithms is studied both theoretically (in the worst case) and experimentally. Conditions of preferable use of some algorithms are given in terms of density/sparseness of underlying formal contexts. Principles of comparing practical performance of algorithms are discussed.

**Document Type:** Proceedings Paper

**Language:** English

**Author Keywords:** concept lattice; algorithms; computation complexity

**KeyWords Plus:** SETS

### Addresses:

1. All Russian Inst Sci & Tech Informat, VINITI, Moscow, Russia
2. Russian State Univ Humanities, Moscow, Russia

**E-mail Addresses:** [serge@viniti.ru](mailto:serge@viniti.ru), [bs-obj@east.ru](mailto:bs-obj@east.ru)

**Publisher:** TAYLOR & FRANCIS LTD, 4 PARK SQUARE, MILTON PARK,, ABINGDON OX14 4RN, OXON, ENGLAND

**Subject Category:** Computer Science, Artificial Intelligence

**IDS Number:** 622VC

**ISSN:** 0952-813X

### Cited by: 57

This article has been cited 57 times (from Web of Science).

Snasel V, Horak Z, Kocibova J, et al. [On Social Networks Reduction](#) FOUNDATIONS OF INTELLIGENT SYSTEMS, PROCEEDINGS 5722 533-541 2009

Gely A, Medina R, Nourine L. [Representing lattices using many-valued relations](#) INFORMATION SCIENCES 179 16 2729-2739 JUL 20 2009

Emilion R, Lewy G. [Size of random Galois lattices and number of closed frequent itemsets](#) DISCRETE APPLIED MATHEMATICS 157 13 2945-2957 JUL 6 2009

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## Показатели цитирования для оценки науки

- Какие из учёных нашего университета – самые продуктивные/авторитетные/эффективные?
- В каких предметных областях мы проявляем себя особенно хорошо?
- Куда движется мировая наука? Как развиваться университету?

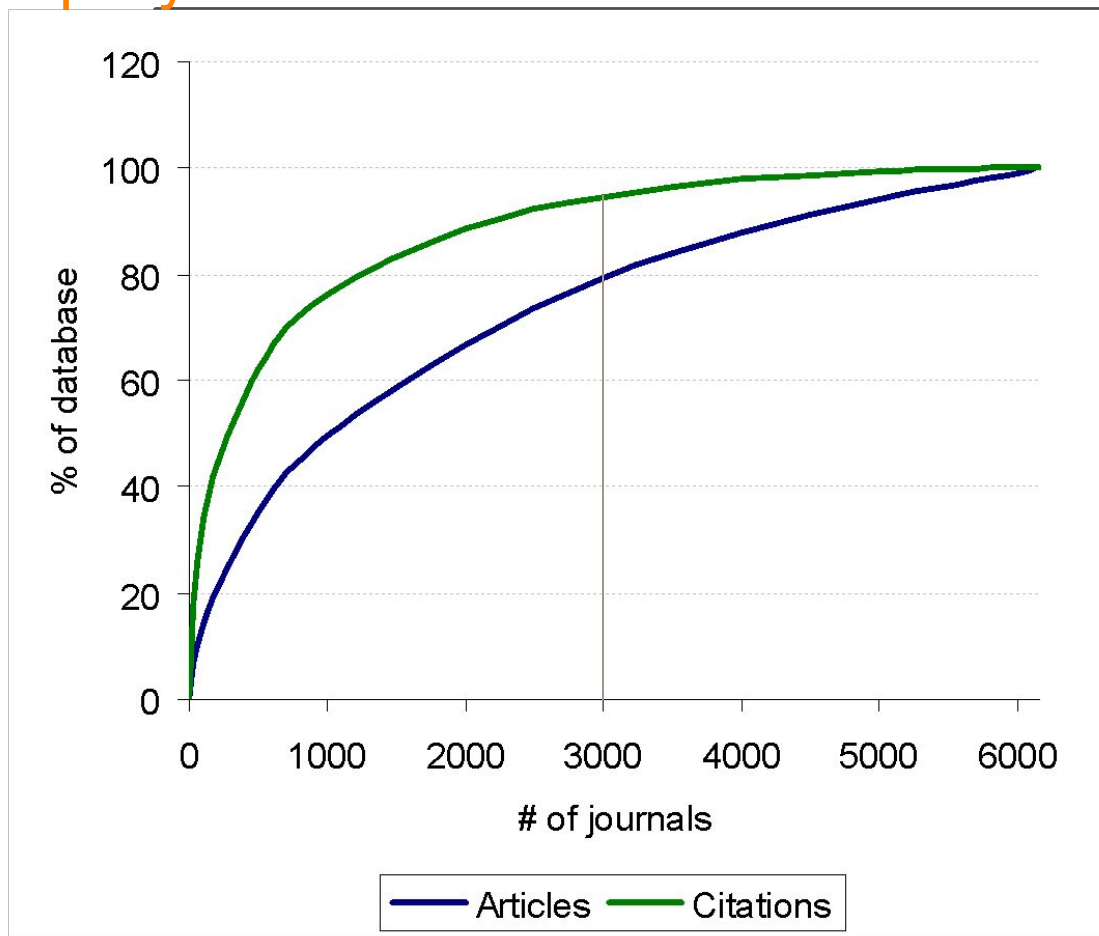


# Политика отбора журналов в Web of Science

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- Для чего мы отбираем журналы?

## Относительно небольшая группа журналов публикует абсолютное большинство значимых научных результатов



Всего 3000 журналов покрывает 80% статей...

...но, что ещё более важно – 92% того, что цитируется

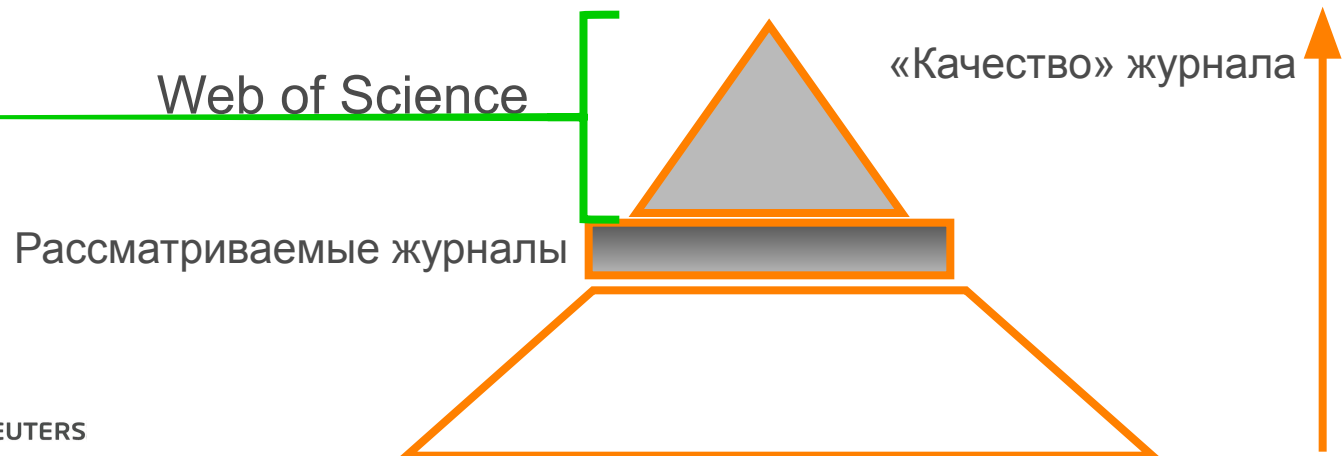
В 7,621 журнале опубликовано 814,967 статей, получивших 20,834,641 ссылок  
4% журналов (300) публикуют 30% статей (239,206)  
4% журналов (300) получают 51% ссылок (10,681,596)



# Политика отбора журналов в Web of Science

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- Ежегодно рассматривается ~2000 журналов
  - 10-12% принимается
- Эксперты Thomson Reuters
  - Профессионалы информационного бизнеса
  - Библиотекари
  - Эксперты в конкретной предметной области





# Оценка исследований на уровне института



Объёмы  
цитирования  
североамериканских  
институтов

PERFORMANCE INDICATORS  
FOR GOVERNANCE, 2008  
A SUMMARY

Источник: Thomson Reuters  
U.S. and Canadian University Science Indicators

# Кто является самым «продуктивным» автором?

## InCites™ Author Ranking (source articles)

Viewing Dataset: IOFFE Institute

Rank determined by total citations

Sort By:  

Rank	Author	Total Citations	Total Articles	Avg Cites per Article	h-index	Journal actual / Expected Cites (JXC)	Category actual / Expected Cites (CXC)	Mean Percentile
1	USTINOV, VM	<a href="#">3,074</a>	<a href="#">337</a>	<a href="#">9.12</a>	<a href="#">28</a>	<a href="#">1.63</a>	<a href="#">1.13</a>	<a href="#">52.64</a>
2	LEDENTSOV, NN	<a href="#">2,754</a>	<a href="#">241</a>	<a href="#">11.43</a>	<a href="#">28</a>	<a href="#">1.77</a>	<a href="#">1.37</a>	<a href="#">46.30</a>
9	IVANOV, SV	<a href="#">1,769</a>	<a href="#">193</a>	<a href="#">9.17</a>	<a href="#">15</a>	<a href="#">1.37</a>	<a href="#">1.26</a>	<a href="#">61.46</a>
4	ZHUKOV, AE	<a href="#">2,263</a>	<a href="#">185</a>	<a href="#">12.23</a>	<a href="#">25</a>	<a href="#">1.89</a>	<a href="#">1.47</a>	<a href="#">48.58</a>
3	BIMBERG, D	<a href="#">2,466</a>	<a href="#">159</a>	<a href="#">15.51</a>	<a href="#">28</a>	<a href="#">1.96</a>	<a href="#">1.83</a>	<a href="#">39.12</a>
10	KOPEV, PS	<a href="#">1,527</a>	<a href="#">157</a>	<a href="#">9.73</a>	<a href="#">21</a>	<a href="#">1.37</a>	<a href="#">1.11</a>	<a href="#">55.24</a>
117	TERUKOV, EI	<a href="#">308</a>	<a href="#">150</a>	<a href="#">2.05</a>	<a href="#">6</a>	<a href="#">0.70</a>	<a href="#">0.29</a>	<a href="#">75.75</a>
7	KOVSH, AR	<a href="#">2,112</a>	<a href="#">143</a>	<a href="#">14.77</a>	<a href="#">24</a>	<a href="#">2.33</a>	<a href="#">1.85</a>	<a href="#">39.90</a>
5	ALFEROV, ZI	<a href="#">2,232</a>	<a href="#">134</a>	<a href="#">16.66</a>	<a href="#">25</a>	<a href="#">1.55</a>	<a href="#">1.60</a>	<a href="#">40.82</a>
58	LEBEDEV, AA	<a href="#">495</a>	<a href="#">123</a>	<a href="#">4.02</a>	<a href="#">10</a>	<a href="#">1.30</a>	<a href="#">0.52</a>	<a href="#">67.50</a>
68	TOROPOV, AA	<a href="#">468</a>	<a href="#">109</a>	<a href="#">4.29</a>	<a href="#">10</a>	<a href="#">0.59</a>	<a href="#">0.59</a>	<a href="#">61.95</a>
138	YAKOVLEV, YP	<a href="#">273</a>	<a href="#">104</a>	<a href="#">2.62</a>	<a href="#">6</a>	<a href="#">0.65</a>	<a href="#">0.31</a>	<a href="#">67.58</a>
47	YASSIEVICH, IN	<a href="#">552</a>	<a href="#">103</a>	<a href="#">5.36</a>	<a href="#">13</a>	<a href="#">0.69</a>	<a href="#">0.61</a>	<a href="#">63.15</a>
15	TSATSULNIKOV, AF	<a href="#">1,099</a>	<a href="#">100</a>	<a href="#">10.99</a>	<a href="#">18</a>	<a href="#">1.71</a>	<a href="#">1.27</a>	<a href="#">48.67</a>
173	RUD, YV	<a href="#">224</a>	<a href="#">99</a>	<a href="#">2.26</a>	<a href="#">6</a>	<a href="#">0.90</a>	<a href="#">0.29</a>	<a href="#">79.78</a>
178	RUD, VY	<a href="#">216</a>	<a href="#">96</a>	<a href="#">2.25</a>	<a href="#">7</a>	<a href="#">0.85</a>	<a href="#">0.30</a>	<a href="#">79.54</a>
73	CIRLIN, GE	<a href="#">450</a>	<a href="#">95</a>	<a href="#">4.74</a>	<a href="#">12</a>	<a href="#">1.20</a>	<a href="#">0.76</a>	<a href="#">60.45</a>
11	MAXIMOV, MV	<a href="#">1,407</a>	<a href="#">89</a>	<a href="#">15.81</a>	<a href="#">22</a>	<a href="#">2.34</a>	<a href="#">2.27</a>	<a href="#">40.06</a>
29	YAKOVLEV, DR	<a href="#">713</a>	<a href="#">88</a>	<a href="#">8.10</a>	<a href="#">13</a>	<a href="#">0.79</a>	<a href="#">1.12</a>	<a href="#">49.80</a>
151	VIKHININ, VS	<a href="#">258</a>	<a href="#">87</a>	<a href="#">2.97</a>	<a href="#">9</a>	<a href="#">0.80</a>	<a href="#">0.39</a>	<a href="#">71.16</a>

# Кто из учёных - самый авторитетный?

Viewing Dataset: IOFFE Institute

## InCites™ Author Ranking (source articles)

Rank determined by total citations

Sort By:

Rank	Author	Total Citations	Total Articles	Avg Cites per Article	h-index	Journal actual / Expected Cites (JXC)	Category actual / Expected Cites (CXC)	Mean Percentile
1	USTINOV, VM	<a href="#">3,074</a>	<a href="#">337</a>	<a href="#">9.12</a>	<a href="#">28</a>	<a href="#">1.63</a>	<a href="#">1.13</a>	<a href="#">52.64</a>
2	LEDENTSOV, NN	<a href="#">2,754</a>	<a href="#">241</a>	<a href="#">11.43</a>	<a href="#">28</a>	<a href="#">1.77</a>	<a href="#">1.37</a>	<a href="#">46.30</a>
3	BIMBERG, D	<a href="#">2,466</a>	<a href="#">159</a>	<a href="#">15.51</a>	<a href="#">28</a>	<a href="#">1.96</a>	<a href="#">1.83</a>	<a href="#">39.12</a>
4	ZHUKOV, AE	<a href="#">2,263</a>	<a href="#">185</a>	<a href="#">12.23</a>	<a href="#">25</a>	<a href="#">1.89</a>	<a href="#">1.47</a>	<a href="#">48.58</a>
5	ALFEROV, ZI	<a href="#">2,232</a>	<a href="#">134</a>	<a href="#">16.66</a>	<a href="#">25</a>	<a href="#">1.55</a>	<a href="#">1.60</a>	<a href="#">40.82</a>
6	DOROGOVTSEV, SN	<a href="#">2,152</a>	<a href="#">44</a>	<a href="#">48.91</a>	<a href="#">20</a>	<a href="#">3.39</a>	<a href="#">5.44</a>	<a href="#">23.24</a>
7	KOVSH, AR	<a href="#">2,112</a>	<a href="#">143</a>	<a href="#">14.77</a>	<a href="#">24</a>	<a href="#">2.33</a>	<a href="#">1.85</a>	<a href="#">39.90</a>
8	MENDES, JFF	<a href="#">2,079</a>	<a href="#">37</a>	<a href="#">56.19</a>	<a href="#">19</a>	<a href="#">3.78</a>	<a href="#">6.12</a>	<a href="#">21.16</a>
9	IVANOV, SV	<a href="#">1,769</a>	<a href="#">193</a>	<a href="#">9.17</a>	<a href="#">15</a>	<a href="#">1.37</a>	<a href="#">1.26</a>	<a href="#">61.46</a>
10	KOPEV, PS	<a href="#">1,527</a>	<a href="#">157</a>	<a href="#">9.73</a>	<a href="#">21</a>	<a href="#">1.37</a>	<a href="#">1.11</a>	<a href="#">55.24</a>
11	MAXIMOV, MV	<a href="#">1,407</a>	<a href="#">89</a>	<a href="#">15.81</a>	<a href="#">22</a>	<a href="#">2.34</a>	<a href="#">2.27</a>	<a href="#">40.06</a>
12	DAVYDOV, VY	<a href="#">1,311</a>	<a href="#">68</a>	<a href="#">19.28</a>	<a href="#">15</a>	<a href="#">2.90</a>	<a href="#">2.49</a>	<a href="#">48.88</a>
13	VOLOVIK, BV	<a href="#">1,111</a>	<a href="#">60</a>	<a href="#">18.52</a>	<a href="#">15</a>	<a href="#">2.31</a>	<a href="#">1.80</a>	<a href="#">48.06</a>
14	SHERNYAKOV, YM	<a href="#">1,107</a>	<a href="#">82</a>	<a href="#">13.50</a>	<a href="#">18</a>	<a href="#">2.53</a>	<a href="#">1.94</a>	<a href="#">40.17</a>
15	TSATSULNIKOV, AF	<a href="#">1,099</a>	<a href="#">100</a>	<a href="#">10.99</a>	<a href="#">18</a>	<a href="#">1.71</a>	<a href="#">1.27</a>	<a href="#">48.67</a>
16	MALEEV, NA	<a href="#">1,076</a>	<a href="#">75</a>	<a href="#">14.35</a>	<a href="#">15</a>	<a href="#">3.35</a>	<a href="#">1.96</a>	<a href="#">50.19</a>
17	EMTSEV, VV	<a href="#">1,055</a>	<a href="#">78</a>	<a href="#">13.53</a>	<a href="#">10</a>	<a href="#">3.06</a>	<a href="#">1.88</a>	<a href="#">63.50</a>
18	IVCHENKO, EL	<a href="#">981</a>	<a href="#">77</a>	<a href="#">12.74</a>	<a href="#">16</a>	<a href="#">1.27</a>	<a href="#">1.82</a>	<a href="#">44.68</a>
19	MIKHRIN, SS	<a href="#">943</a>	<a href="#">63</a>	<a href="#">14.97</a>	<a href="#">15</a>	<a href="#">3.32</a>	<a href="#">2.20</a>	<a href="#">36.16</a>
20	EGOROV, AY	<a href="#">925</a>	<a href="#">76</a>	<a href="#">12.17</a>	<a href="#">14</a>	<a href="#">2.11</a>	<a href="#">1.51</a>	<a href="#">46.75</a>

# У кого из учёных самый высокий импакт статей?

## InCites™ Author Ranking (source articles)

Rank determined by total citations

Sort By:

Rank	Author	Total Citations	Total Articles	Avg Cites per Article	h-index	Journal actual / Expected Cites (JXC)	Category actual / Expected Cites (CXC)	Mean Percentile
25	ADERHOLD, J	<a href="#">735</a>	<a href="#">10</a>	<a href="#">73.50</a>	<a href="#">6</a>	<a href="#">6.10</a>	<a href="#">9.22</a>	<a href="#">30.03</a>
24	GRAUL, J	<a href="#">757</a>	<a href="#">11</a>	<a href="#">68.82</a>	<a href="#">8</a>	<a href="#">5.67</a>	<a href="#">8.51</a>	<a href="#">26.63</a>
8	MENDES, JFF	<a href="#">2,079</a>	<a href="#">37</a>	<a href="#">56.19</a>	<a href="#">19</a>	<a href="#">3.78</a>	<a href="#">6.12</a>	<a href="#">21.16</a>
32	EFROS, AL	<a href="#">652</a>	<a href="#">12</a>	<a href="#">54.33</a>	<a href="#">10</a>	<a href="#">2.65</a>	<a href="#">6.68</a>	<a href="#">10.96</a>
50	HOFMANN, DM	<a href="#">516</a>	<a href="#">10</a>	<a href="#">51.60</a>	<a href="#">6</a>	<a href="#">4.57</a>	<a href="#">5.75</a>	<a href="#">39.06</a>
6	DOROGOVTSSEV, SN	<a href="#">2,152</a>	<a href="#">44</a>	<a href="#">48.91</a>	<a href="#">20</a>	<a href="#">3.39</a>	<a href="#">5.44</a>	<a href="#">23.24</a>
41	MEYER, BK	<a href="#">576</a>	<a href="#">13</a>	<a href="#">44.31</a>	<a href="#">8</a>	<a href="#">4.92</a>	<a href="#">4.96</a>	<a href="#">36.03</a>
54	LOTTERMOSER, T	<a href="#">499</a>	<a href="#">14</a>	<a href="#">35.64</a>	<a href="#">6</a>	<a href="#">1.53</a>	<a href="#">3.72</a>	<a href="#">42.00</a>
57	FROHLICH, D	<a href="#">484</a>	<a href="#">14</a>	<a href="#">34.57</a>	<a href="#">7</a>	<a href="#">1.58</a>	<a href="#">3.35</a>	<a href="#">47.90</a>
23	KLOCHIKHIN, AA	<a href="#">827</a>	<a href="#">25</a>	<a href="#">33.08</a>	<a href="#">8</a>	<a href="#">4.82</a>	<a href="#">4.62</a>	<a href="#">51.00</a>
85	TROMBKA, J	<a href="#">360</a>	<a href="#">11</a>	<a href="#">32.73</a>	<a href="#">7</a>	<a href="#">1.00</a>	<a href="#">2.08</a>	<a href="#">41.42</a>
40	CLINE, T	<a href="#">581</a>	<a href="#">18</a>	<a href="#">32.28</a>	<a href="#">12</a>	<a href="#">0.96</a>	<a href="#">1.92</a>	<a href="#">31.22</a>
49	SAMUKHIN, AN	<a href="#">528</a>	<a href="#">17</a>	<a href="#">31.06</a>	<a href="#">9</a>	<a href="#">2.43</a>	<a href="#">3.55</a>	<a href="#">37.74</a>
93	FREDERIKS, D	<a href="#">339</a>	<a href="#">11</a>	<a href="#">30.82</a>	<a href="#">7</a>	<a href="#">0.99</a>	<a href="#">2.16</a>	<a href="#">44.66</a>
39	MAZETS, E	<a href="#">594</a>	<a href="#">20</a>	<a href="#">29.70</a>	<a href="#">13</a>	<a href="#">0.93</a>	<a href="#">1.69</a>	<a href="#">36.68</a>
71	BRACKER, AS	<a href="#">430</a>	<a href="#">15</a>	<a href="#">28.67</a>	<a href="#">8</a>	<a href="#">2.07</a>	<a href="#">4.35</a>	<a href="#">27.12</a>
52	GAMMON, D	<a href="#">507</a>	<a href="#">18</a>	<a href="#">28.17</a>	<a href="#">11</a>	<a href="#">1.89</a>	<a href="#">4.18</a>	<a href="#">24.27</a>
26	MERKULOV, IA	<a href="#">730</a>	<a href="#">27</a>	<a href="#">27.04</a>	<a href="#">11</a>	<a href="#">2.16</a>	<a href="#">3.17</a>	<a href="#">42.22</a>
70	WASER, R	<a href="#">449</a>	<a href="#">17</a>	<a href="#">26.41</a>	<a href="#">11</a>	<a href="#">2.02</a>	<a href="#">3.83</a>	<a href="#">17.67</a>
53	VEKSHIN, VA	<a href="#">500</a>	<a href="#">19</a>	<a href="#">26.32</a>	<a href="#">9</a>	<a href="#">3.15</a>	<a href="#">2.85</a>	<a href="#">37.41</a>



# Как можно сравнить «физиков» с «лириками»?

## Author Ranking (source articles)

Rank determined by total citations

Sort By:


Rank	Author	Total Citations	Total Articles	Avg Cites per Article	h-index	Journal actual / Expected Cites (JXC)	Category actual / Expected Cites (CXC)	Mean Percentile
25	ADERHOLD, J	<a href="#">735</a>	<a href="#">10</a>	<a href="#">73.50</a>	<a href="#">6</a>	<a href="#">6.10</a>	<a href="#">9.22</a>	<a href="#">30.03</a>
24	GRAUL, J	<a href="#">757</a>	<a href="#">11</a>	<a href="#">68.82</a>	<a href="#">8</a>	<a href="#">5.67</a>	<a href="#">8.51</a>	<a href="#">26.63</a>
32	EFROS, AL	<a href="#">652</a>	<a href="#">12</a>	<a href="#">54.33</a>	<a href="#">10</a>	<a href="#">2.69</a>	<a href="#">6.68</a>	<a href="#">10.96</a>
8	MENDES, JFF	<a href="#">2,079</a>	<a href="#">37</a>	<a href="#">56.19</a>	<a href="#">19</a>	<a href="#">3.78</a>	<a href="#">6.12</a>	<a href="#">21.16</a>
50	HOFMANN, DM	<a href="#">516</a>	<a href="#">10</a>	<a href="#">51.60</a>	<a href="#">6</a>	<a href="#">4.57</a>	<a href="#">5.75</a>	<a href="#">39.06</a>
6	DOROGOVTSSEV, SN	<a href="#">2,152</a>	<a href="#">44</a>	<a href="#">48.91</a>	<a href="#">20</a>	<a href="#">3.39</a>	<a href="#">5.44</a>	<a href="#">23.24</a>
129	KOHLSTEDT, H	<a href="#">258</a>	<a href="#">10</a>	<a href="#">25.80</a>	<a href="#">7</a>	<a href="#">2.83</a>	<a href="#">5.38</a>	<a href="#">17.20</a>
41	MEYER, BK	<a href="#">576</a>	<a href="#">13</a>	<a href="#">44.31</a>	<a href="#">8</a>	<a href="#">4.92</a>	<a href="#">4.96</a>	<a href="#">36.03</a>
23	KLOCHIKHIN, AA	<a href="#">827</a>	<a href="#">25</a>	<a href="#">33.08</a>	<a href="#">8</a>	<a href="#">4.82</a>	<a href="#">4.62</a>	<a href="#">51.00</a>
71	BRACKER, AS	<a href="#">430</a>	<a href="#">15</a>	<a href="#">28.67</a>	<a href="#">8</a>	<a href="#">2.07</a>	<a href="#">4.35</a>	<a href="#">27.12</a>
52	GAMMON, D	<a href="#">507</a>	<a href="#">18</a>	<a href="#">28.17</a>	<a href="#">11</a>	<a href="#">1.89</a>	<a href="#">4.18</a>	<a href="#">24.27</a>
218	RICHTER, M	<a href="#">129</a>	<a href="#">10</a>	<a href="#">12.90</a>	<a href="#">6</a>	<a href="#">1.97</a>	<a href="#">3.89</a>	<a href="#">22.51</a>
70	WASER, R	<a href="#">449</a>	<a href="#">17</a>	<a href="#">26.41</a>	<a href="#">11</a>	<a href="#">2.02</a>	<a href="#">3.83</a>	<a href="#">17.67</a>
54	LOTTERMOSER, T	<a href="#">499</a>	<a href="#">14</a>	<a href="#">35.64</a>	<a href="#">6</a>	<a href="#">1.53</a>	<a href="#">3.72</a>	<a href="#">42.00</a>
33	GOLTSEV, AV	<a href="#">647</a>	<a href="#">26</a>	<a href="#">24.88</a>	<a href="#">10</a>	<a href="#">2.03</a>	<a href="#">3.61</a>	<a href="#">40.97</a>
69	WEISS, D	<a href="#">450</a>	<a href="#">18</a>	<a href="#">25.00</a>	<a href="#">10</a>	<a href="#">1.30</a>	<a href="#">3.55</a>	<a href="#">28.82</a>
49	SAMUKHIN, AN	<a href="#">528</a>	<a href="#">17</a>	<a href="#">31.06</a>	<a href="#">9</a>	<a href="#">2.43</a>	<a href="#">3.55</a>	<a href="#">37.74</a>
106	ILYASHENKO, I	<a href="#">307</a>	<a href="#">19</a>	<a href="#">16.16</a>	<a href="#">7</a>	<a href="#">4.46</a>	<a href="#">3.40</a>	<a href="#">36.09</a>
57	FROHLICH, D	<a href="#">484</a>	<a href="#">14</a>	<a href="#">34.57</a>	<a href="#">7</a>	<a href="#">1.58</a>	<a href="#">3.35</a>	<a href="#">47.90</a>
66	SEISYAN, RP	<a href="#">466</a>	<a href="#">23</a>	<a href="#">20.26</a>	<a href="#">3</a>	<a href="#">4.05</a>	<a href="#">3.20</a>	<a href="#">80.89</a>

# С кем мы сотрудничаем?

## InCites™ Institution Ranking (source articles)

Viewing Dataset: IOFFE Institute

Rank determined by total citations

Sort By:  

Rank	Institution	Total Citations	Total Articles	Avg Cites per Article	h-index	Journal actual / Expected Cites (JXC)	Category actual / Expected Cites (CXC)	Mean Percentile
1	RUSSIAN ACAD SCI	<a href="#">21,280</a>	<a href="#">5,270</a>	<a href="#">4.04</a>	<a href="#">43</a>	<a href="#">1.00</a>	<a href="#">0.54</a>	<a href="#">68.47</a>
2	AF IOFFE PHYS TECH INST	<a href="#">20,844</a>	<a href="#">2,637</a>	<a href="#">7.90</a>	<a href="#">49</a>	<a href="#">1.01</a>	<a href="#">1.03</a>	<a href="#">54.48</a>
3	TECH UNIV BERLIN	<a href="#">3,015</a>	<a href="#">204</a>	<a href="#">14.78</a>	<a href="#">29</a>	<a href="#">1.92</a>	<a href="#">1.80</a>	<a href="#">44.32</a>
4	RAS	<a href="#">3,010</a>	<a href="#">490</a>	<a href="#">6.14</a>	<a href="#">22</a>	<a href="#">0.91</a>	<a href="#">0.91</a>	<a href="#">62.43</a>
5	AF IOFFE PHYSICOTECH INST	<a href="#">2,785</a>	<a href="#">218</a>	<a href="#">12.78</a>	<a href="#">28</a>	<a href="#">1.11</a>	<a href="#">1.17</a>	<a href="#">49.11</a>
6	UNIV PORTO	<a href="#">2,041</a>	<a href="#">28</a>	<a href="#">72.89</a>	<a href="#">19</a>	<a href="#">3.80</a>	<a href="#">6.16</a>	<a href="#">18.83</a>
7	UNIV CALIF BERKELEY	<a href="#">1,260</a>	<a href="#">57</a>	<a href="#">22.11</a>	<a href="#">19</a>	<a href="#">1.33</a>	<a href="#">2.06</a>	<a href="#">40.61</a>
8	UNIV DORTMUND	<a href="#">1,195</a>	<a href="#">72</a>	<a href="#">16.60</a>	<a href="#">16</a>	<a href="#">1.36</a>	<a href="#">2.51</a>	<a href="#">38.49</a>
9	UNIV KARLSRUHE	<a href="#">1,101</a>	<a href="#">88</a>	<a href="#">12.51</a>	<a href="#">17</a>	<a href="#">1.49</a>	<a href="#">1.52</a>	<a href="#">44.20</a>
10	NASA	<a href="#">1,040</a>	<a href="#">51</a>	<a href="#">20.39</a>	<a href="#">20</a>	<a href="#">1.04</a>	<a href="#">1.61</a>	<a href="#">32.43</a>
11	USN	<a href="#">1,025</a>	<a href="#">32</a>	<a href="#">32.03</a>	<a href="#">15</a>	<a href="#">2.20</a>	<a href="#">4.36</a>	<a href="#">26.64</a>
12	ST PETERSBURG STATE UNIV	<a href="#">1,003</a>	<a href="#">240</a>	<a href="#">4.18</a>	<a href="#">14</a>	<a href="#">0.97</a>	<a href="#">0.60</a>	<a href="#">65.42</a>
13	UNIV REGENSBURG	<a href="#">910</a>	<a href="#">66</a>	<a href="#">13.79</a>	<a href="#">16</a>	<a href="#">1.16</a>	<a href="#">1.66</a>	<a href="#">47.37</a>
14	NEC RES INST	<a href="#">876</a>	<a href="#">7</a>	<a href="#">125.14</a>	<a href="#">6</a>	<a href="#">3.30</a>	<a href="#">13.63</a>	<a href="#">15.35</a>
15	ST PETERSBURG STATE TECH UNIV	<a href="#">869</a>	<a href="#">245</a>	<a href="#">3.55</a>	<a href="#">14</a>	<a href="#">0.88</a>	<a href="#">0.36</a>	<a href="#">71.39</a>
16	UNIV WURZBURG	<a href="#">807</a>	<a href="#">106</a>	<a href="#">7.61</a>	<a href="#">13</a>	<a href="#">0.73</a>	<a href="#">0.93</a>	<a href="#">51.00</a>
17	UNIV JENA	<a href="#">795</a>	<a href="#">15</a>	<a href="#">53.00</a>	<a href="#">9</a>	<a href="#">5.94</a>	<a href="#">6.10</a>	<a href="#">37.86</a>
18	UNIV GLASGOW	<a href="#">768</a>	<a href="#">51</a>	<a href="#">15.06</a>	<a href="#">16</a>	<a href="#">1.72</a>	<a href="#">1.96</a>	<a href="#">39.74</a>
19	UNIV HANNOVER	<a href="#">767</a>	<a href="#">12</a>	<a href="#">63.92</a>	<a href="#">8</a>	<a href="#">5.29</a>	<a href="#">7.71</a>	<a href="#">28.41</a>
20	PRINCETON UNIV	<a href="#">765</a>	<a href="#">16</a>	<a href="#">47.81</a>	<a href="#">8</a>	<a href="#">2.11</a>	<a href="#">4.07</a>	<a href="#">24.10</a>



# Какие из этих совместных проектов были наиболее успешными?

## Institution Ranking (source articles)

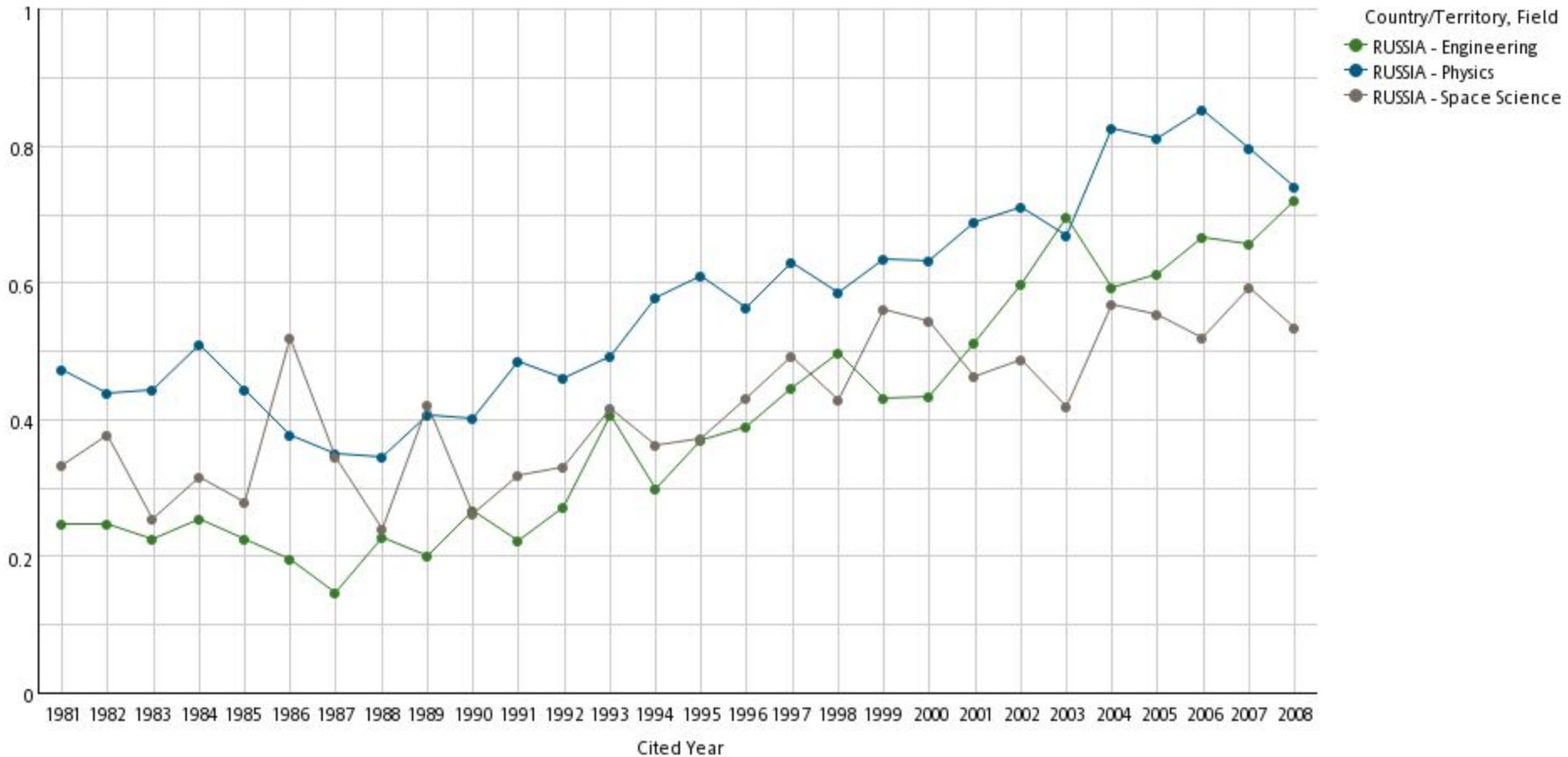
Rank determined by total citations

Sort By: Mean Percentile

Rank	Institution	Total Citations	Total Articles	Avg Cites per Article	h-index	Journal actual / Expected Cites (JXC)	Category actual / Expected Cites (CXC)	Mean Percentile
6	UNIV PORTO	2,041	28	72.89	19	3.80	6.18	18.83
64	TEL AVIV UNIV	331	14	23.64	6	3.58	4.41	20.13
134	GEN ATOM CO	132	11	12.00	6	0.91	0.98	20.46
125	UNIV BRISTOL	146	10	14.60	6	0.74	1.98	22.48
161	UKAEA EURATOM FUS ASSOC	93	13	7.15	7	0.80	1.17	22.61
19	PRINCETON UNIV	265	16	47.81	8	2.11	4.07	24.10
28	UNIV HAMBURG	597	27	22.11	12	3.32	3.41	24.33
82	UNIV S CAROLINA	252	19	13.26	8	1.34	1.51	25.44
130	PRINCETON PLASMA PHYS LAB	137	14	9.79	8	0.94	1.32	25.44
112	RUHR UNIV BOCHUM	171	13	13.15	6	1.13	2.58	26.14
11	USN	1,025	32	32.03	15	2.20	4.38	26.64
18	UNIV HANNOVER	267	12	63.92	8	5.29	7.71	28.41
93	CALTECH	213	10	21.30	8	1.04	1.49	28.65
148	RADBOD UNIV NIJMEGEN	111	13	8.54	5	0.83	2.32	28.71
117	UNIV LEICESTER	160	11	14.55	7	1.32	1.78	28.83
102	SPACE TELESCOPE SCI INST	191	13	14.69	8	1.20	1.37	29.41
49	UNIV PADUA	402	16	25.12	7	3.73	3.98	29.55
101	PHYS TECH BUNDESANSTALT	195	17	11.47	8	1.65	2.78	30.06
70	ECOLE NORMALE SUPER LYON	306	18	17.00	11	1.48	1.79	30.15
58	UNIV LONDON IMPERIAL COLL SCI TECHNOL & MED	354	17	20.82	9	3.30	2.67	30.19

# Три значимых предметных области

Impact Relative To Field 1981-2008



# В какой предметной области мы показываем себя лучше?

## Field Ranking (source articles)

Rank determined by total citations

Sort By: Total Citations

Rank	Field	Total	Total Articles	Avg Cites per Article	h-index	Journal actual / Expected Cites (JXC)	Category actual / Expected Cites (CXC)	Mean Percentile
1	CHEMISTRY	1,422	273	5.21	19	0.59	62.15	
2	COMPUTER APPLICATIONS	873	47	18.57	14	3.20	29.34	

Физическая  
ХИМИЯ

Науки о  
вычислительной  
технике

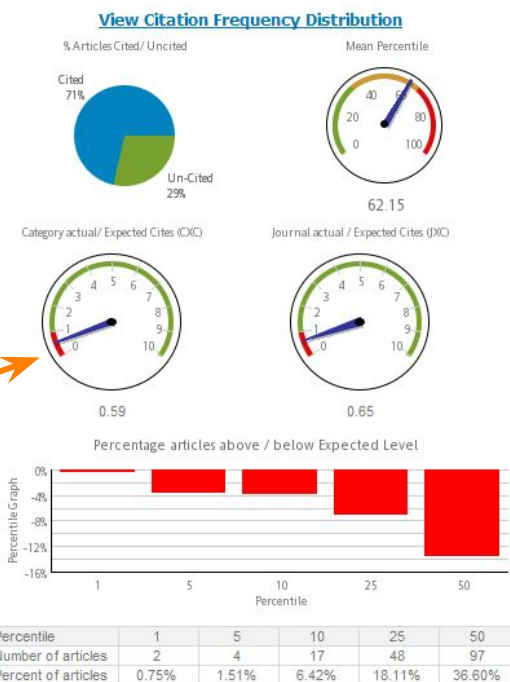
## Summary Metrics

**Citation Metrics**

Total citations	1,422
Total articles	273
Avg Cites per article	5.21
h-index	19
Journal actual / Expected Cites	0.59
2nd generation cites	10,040
2nd generation cites per citing article	8.18

**Disciplinary Metrics**

Disciplinary index	0.19
Interdisciplinarity index	0.48



На 41%  
ниже  
среднего

## Summary Metrics

**Citation Metrics**

Total citations	873
Total articles	47
Cites per article	18.57
h-index	14
Median cites	7
2nd generation cites	10,014
2nd generation cites per citing article	13.81

**Disciplinary Metrics**

Disciplinary index	0.48
Interdisciplinarity index	0.18

**Collaboration**

Unique Authors	39
Average Author	2.24
Unique Organizations	16
Average Organization	2.94
Average Country	1.06



На 220%  
выше  
среднего

# Различные вопросы – различные показатели

Объект оценки	Необходимые данные	Оцениваемая выборка
Производительность	Количество публикаций	Автор, группа, организация
Общее влияние	Объём цитирования	Автор, группа, организация
	Индекс Хирша	Автор, группа, организация
Непрямое влияние	Объём цитирования "второго поколения"	Автор, группа, организация
Эффективность	Средний объём цитирования на статью	Автор, группа, организация
	Соотношение процитированных/не процитированных работ	Автор, группа, организация
	Импакт-фактор	Журнал
Относительный импакт	Среднее цитирование в предметной области	Автор, группа, организация
	Ожидаемое цитирование в журнале	Автор, группа, организация
	Перцентили: статей, средние, относительные	Автор, группа, организация
Специализация	Показатели коллаборации	Автор, группа, организация
	Индекс Дисциплинарности	Автор, группа, организация
Трендовый анализ	Временные ряды	Автор, группа, организация

