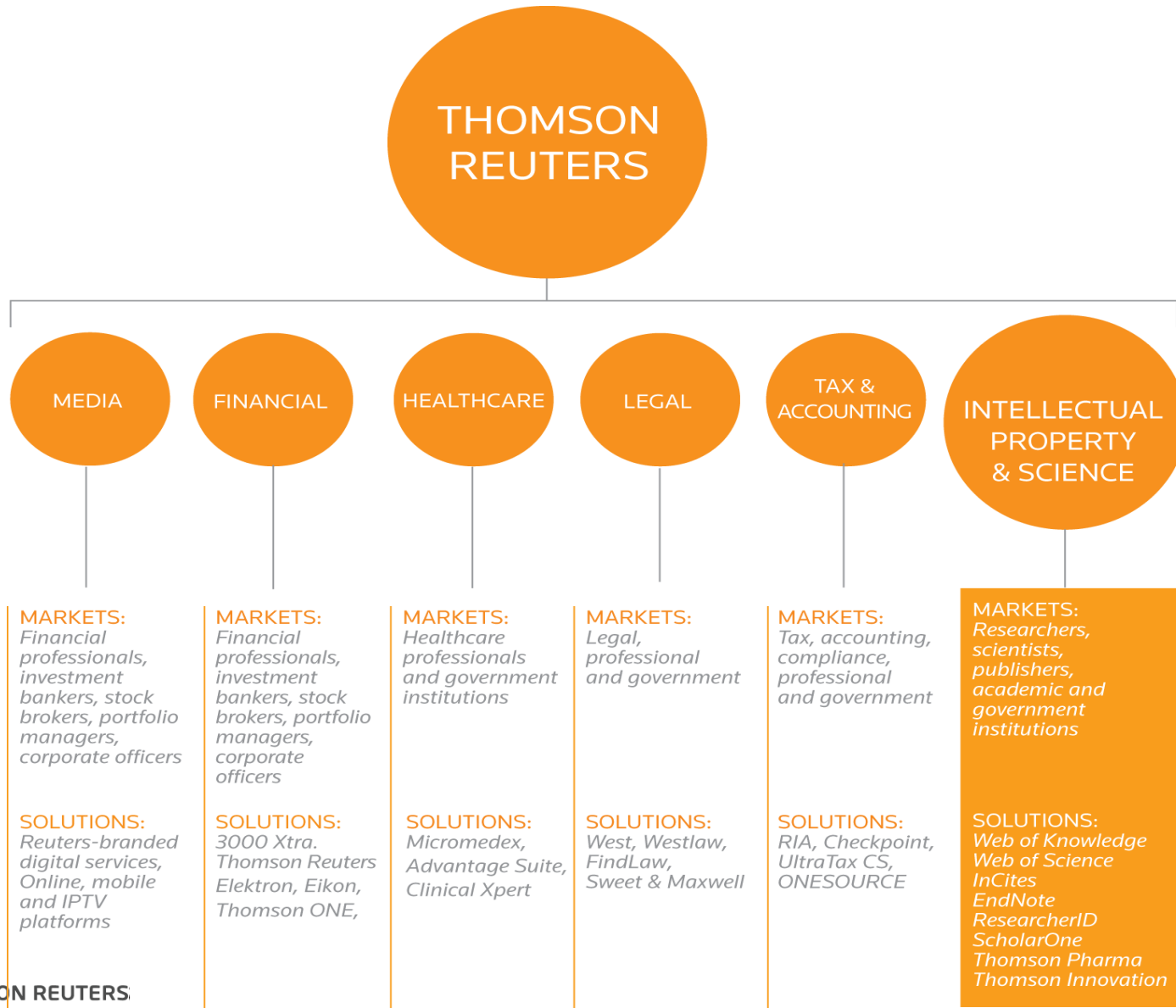


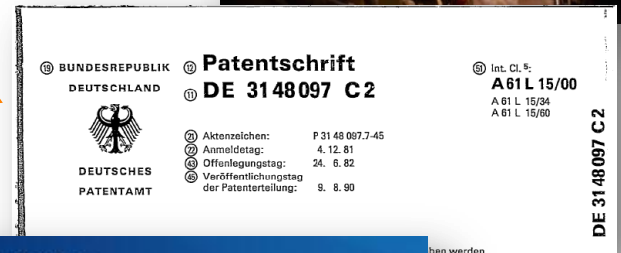
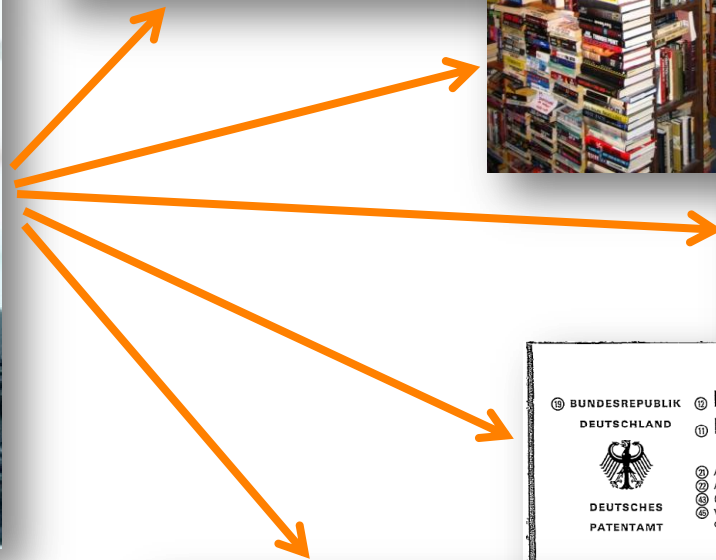
RUSSIAN SCIENCE UNDER THE MICROSCOPE

Philip Purnell
Moscow, October 2013

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1. Title: **Laser-based linear and nonlinear guided elastic waves at surfaces (2D) and wedges (1D)**
 Author(s): Hess, Peter; Lomonosov, Alexey M.; Mayer, [Andreas](#) P.
 Source: ULTRASONICS Volume: 54 Issue: 1 Pages: 39-55 DOI: 10.1016/j.ultras.2013.05.013 Published: JAN 2014
 Times Cited: 0 (from Web of Science)

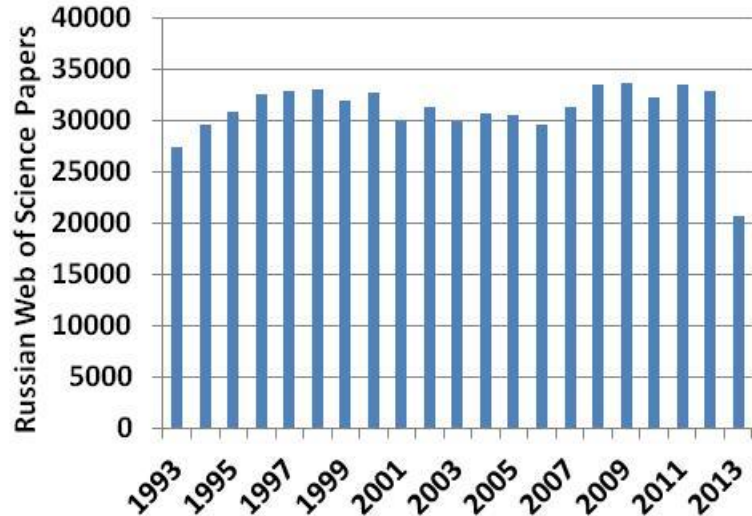
S-F-X Full Text View abstract

2. Title: **Alternate stresses and temperature variation as factors of influence of ultrasonic vibration on m alloys**
 Author(s): Belyaev, Sergey
 Source: ULTRASONICS V
 Times Cited: 0 (from We

S-F-X Full Text

3. Title: **FREQUENCY DOI**
 Author(s): Popov, Sergey;
 Source: DISCRETE AND (

S-F-X Full Text



ed: JAN 2014

ERMINING O

Pages: 249-2

Small cycles in the Pancake graph

Author(s): [Konstantinova, E](#) (Konstantinova, Elena)^[1,2]; [Medvedev, A](#) (Medvedev, Alexey)^[1,3]

Source: ARS MATHEMATICA CONTEMPORANEA **Volume:** 7 **Issue:** 1 **Special Issue:** SI **Pages:** 237-246 **Published:** 2014

Times Cited: 0 (from Web of Science)

Cited References: 11 [[view related records](#)]  [Citation Map](#)

Abstract: The Pancake graph is well known because of the open Pancake problem. It has the structure that any l -cycle, $6 \leq l \leq n!$, can be embedded in the Pancake graph P_n , $n \geq 3$. Recently it was shown that there are exactly $n!/6$ independent 6-cycles and $n!(n-3)$ distinct 7-cycles in the graph. In this paper we characterize all distinct 8-cycles by giving their canonical forms as products of generating elements. It is shown that there are exactly $n!(n(3) + 12n(2) - 103n + 176)/16$ distinct 8-cycles in P_n , $n \geq 4$. A maximal set of independent 8-cycles contains $n!/8$ of these.

Accession Number: WOS:000320236500017

Document Type: Article


Language: English


Author Keywords: Cayley graphs; Pancake graph; cycle embedding; small cycles


Reprint Address: Konstantinova, E (reprint author)

 Sobolev Inst Math, Novosibirsk 630090, [Russia](#)

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 [2] Yeungnam Univ, Dept Math, Kyongsan 712749, South Korea

 [3] Cent European Univ, H-1051 Budapest, Hungary

E-mail Addresses: e_konsta@math.nsc.ru; an_medvedev@yahoo.com

Funding:

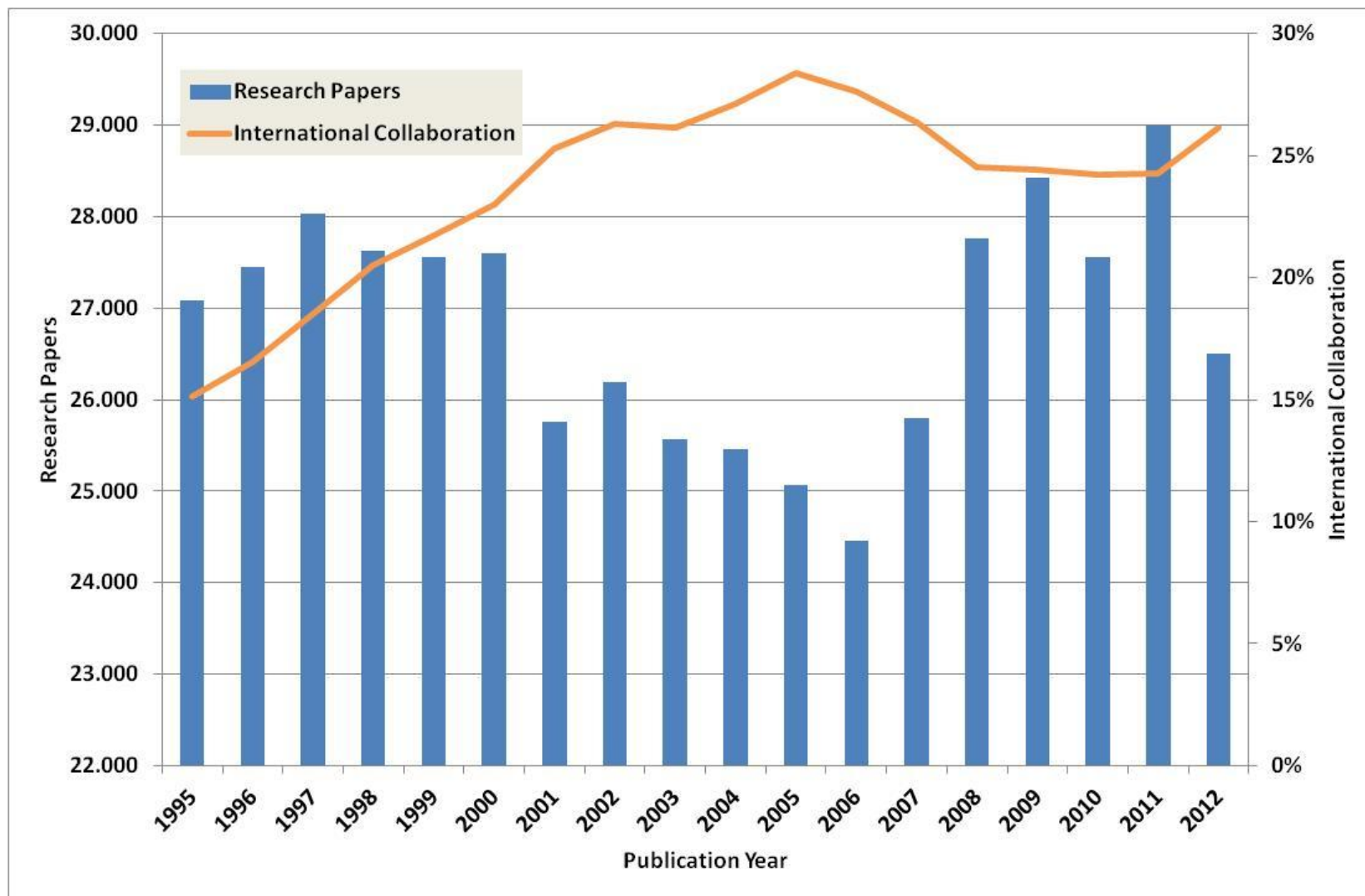
Funding Agency	Grant Number
Russian Foundation of Basic Research	12-01-00448

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Web of Science Categories: [Mathematics](#), Applied; Mathematics

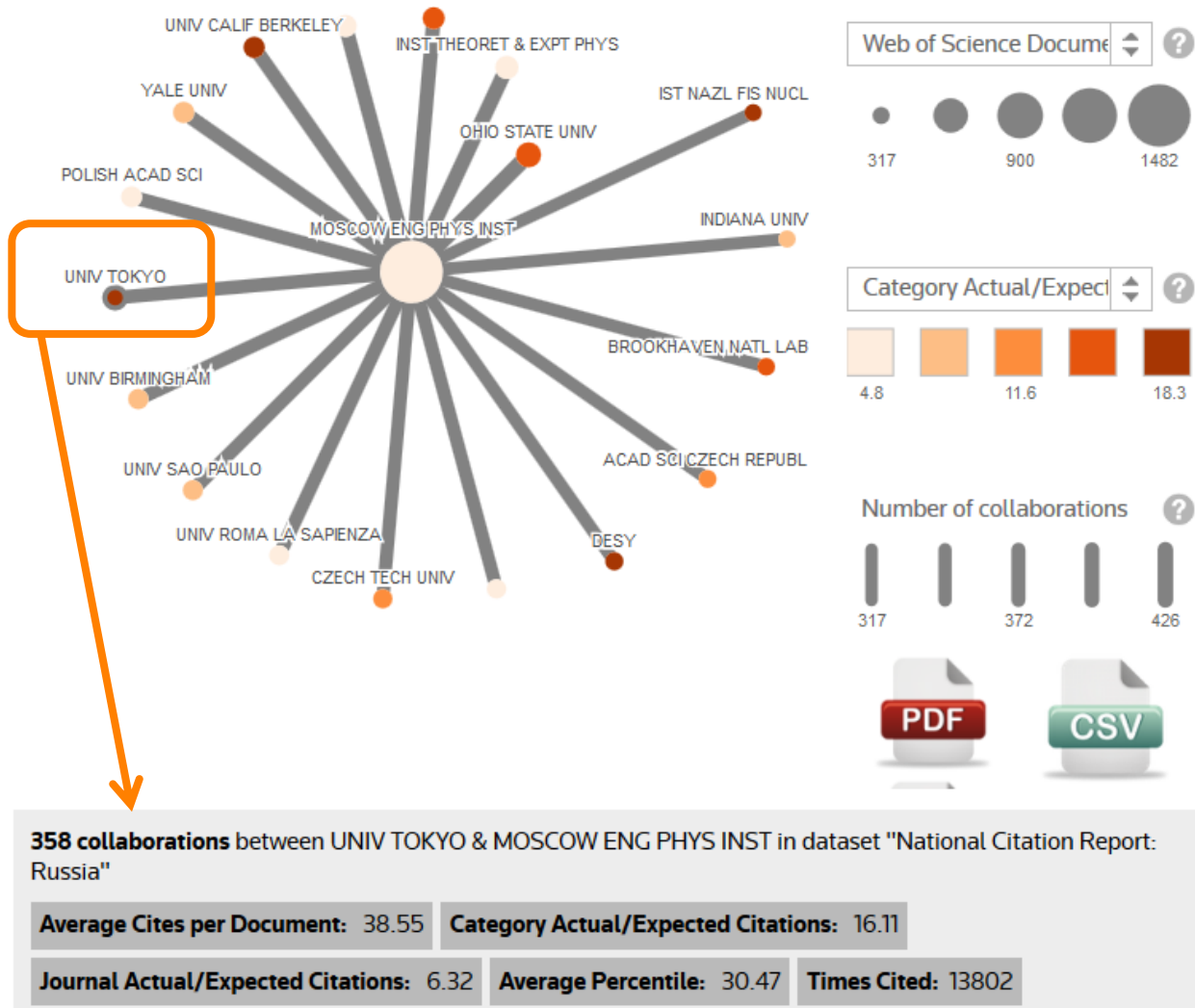
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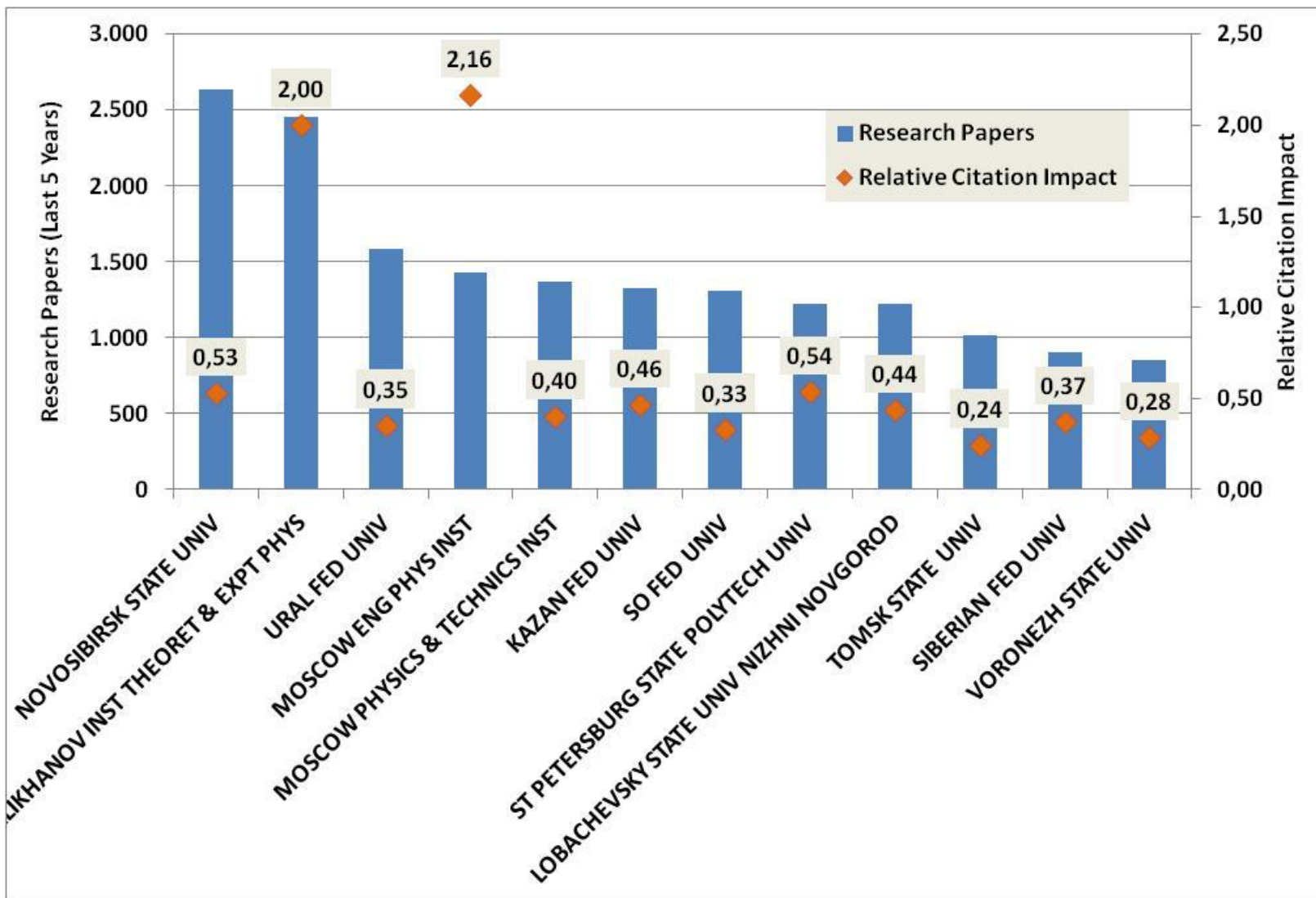


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Other Names: MOSCOW ENGINEERING PHYSICS INSTITUTE; MOSCOW ENG PHYS INST

Address: MOSCOW, RUSSIA

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Name Variants:

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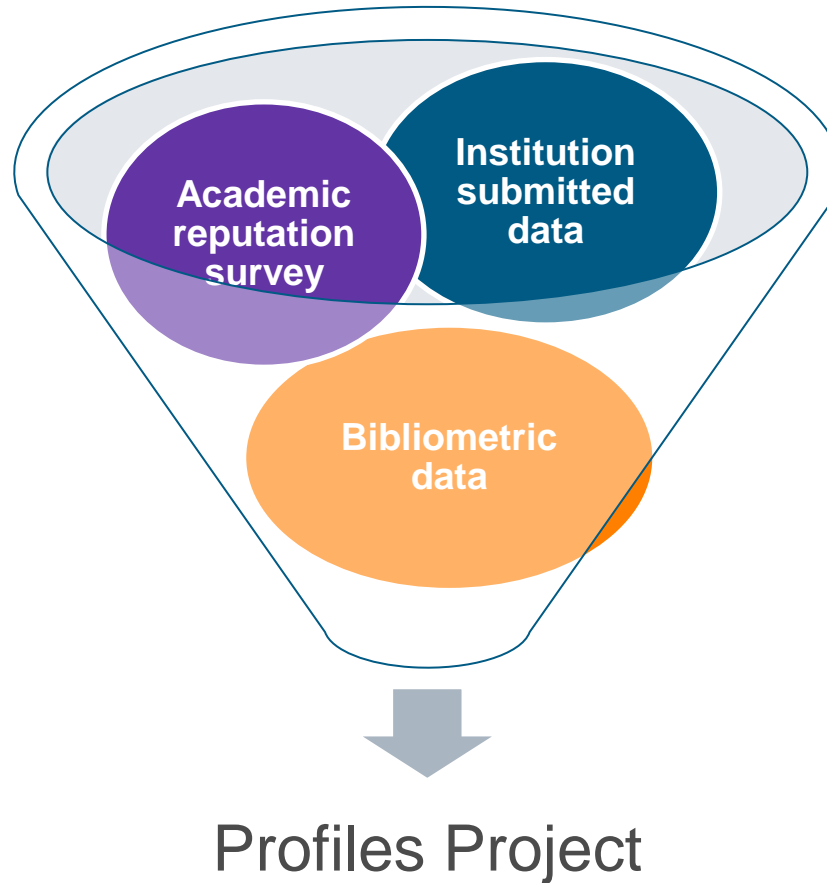
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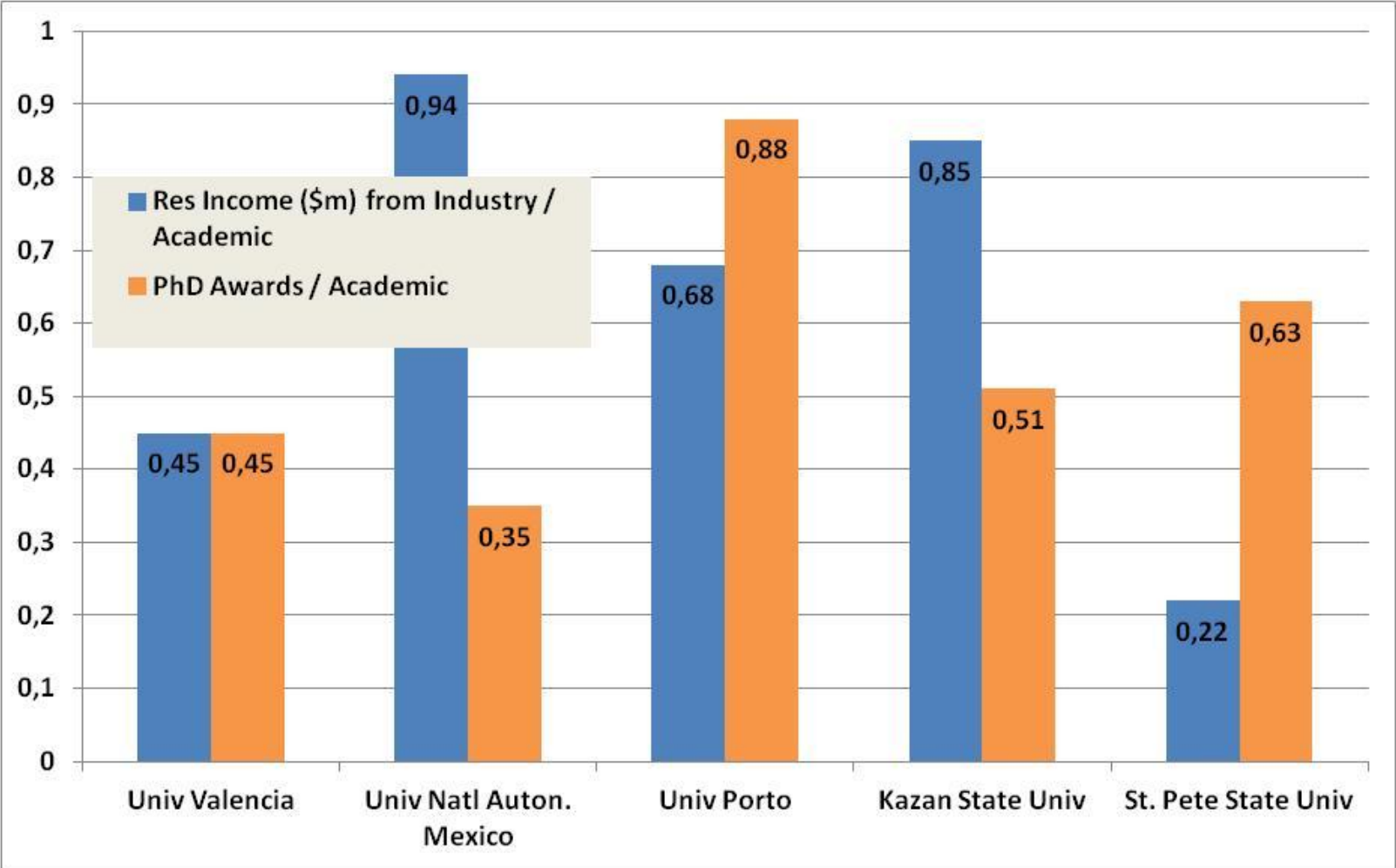
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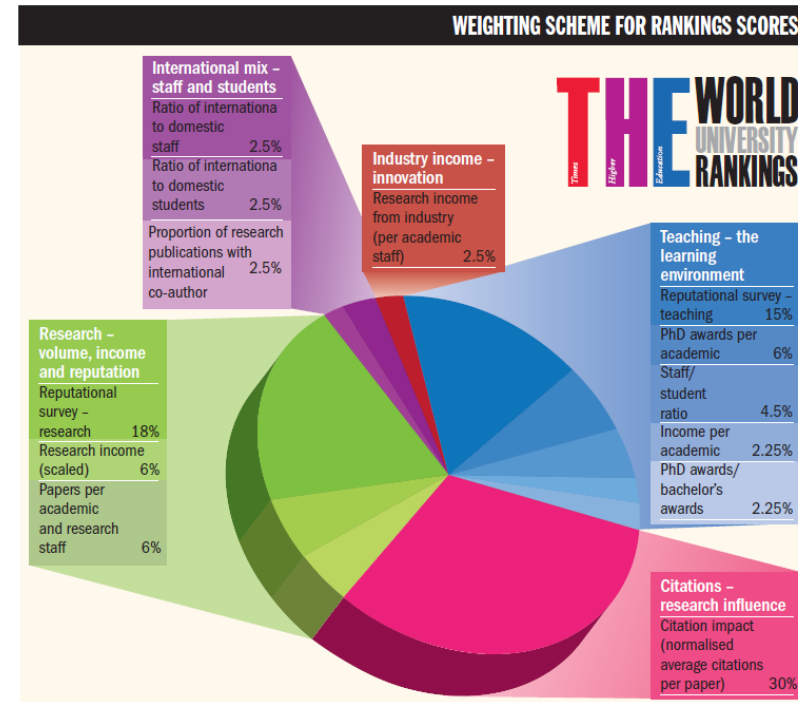
WIDER LOOK AT INDICATORS



WIDER LOOK AT INDICATORS



UNIVERSITY RANKINGS



EVALUATING INDIVIDUALS

ARTICLE LEVEL INDICATORS

Times Cited	Journal Expected Citations	Category Expected Citations	Journal Actual/Expected Citations	Category Actual/Expected Citations	Percentile in Subject Area	2011 Journal Impact Factor	Publication Year	Subject Area View Ranking	Document Type View Ranking	First Author View Ranking	Journal View Ranking	Document Title
45	21.48	16.74	2.09	2.69	6.10	3.01	2005	INTEGRATIVE & COMPLEMENTARY MEDICINE	ARTICLE	ELDEEN, IMS et al.	JOURNAL OF ETHNOPHARMACOLOGY	Antibacterial, anti-inflammatory, anti-cholinesterase and mutagenic effects of extracts obtained from some trees used in South African traditional medicine
44	15.03	17.19	2.93	2.56	10.28	2.79	2004	PLANT SCIENCES	ARTICLE	DE RONDE, JA et al.	JOURNAL OF PLANT PHYSIOLOGY	Photosynthetic response of transgenic soybean plants, containing an Arabidopsis P5CR gene, during heat and drought stress
40	28.25	20.37	1.42	1.96	10.03	3.01	1999	INTEGRATIVE & COMPLEMENTARY MEDICINE	ARTICLE	SHALE, TL et al.	JOURNAL OF ETHNOPHARMACOLOGY	Screening of medicinal plants used in Lesotho for anti-bacterial and anti-inflammatory activity
39	15.31	18.99	2.55	2.05	12.91	2.15	2004	CHEMISTRY, MEDICAL	ARTICLE	ELGORASHI, EE et al.	PLANTA MEDICA	Acetylcholinesterase enzyme inhibitory effects of amarylidaceae alkaloids
38	7.53	13.57	5.55	5.52	10.28	2.79	2004	PLANT SCIENCES	ARTICLE	BAIRU, MW et al.	PLANT CELL TISSUE AND ORGAN CULTURE	Optimizing the micropropagation protocol for the endangered Aloe polyphylla: can meta-topolin and its derivatives serve as replacement for benzyladenine and zeatin?
37	9.02	12.93	4.65	4.65	10.28	2.79	2004	PLANT SCIENCES	ARTICLE	DAWS, MI et al.	PLANT GROWTH REGULATION	Butenolide from plant-derived smoke enhances germination and seedling growth of arable weed species

Articles published in this journal from 2005 have been cited 21.48 times

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This paper has received $45/16.74 = 2.69$ times the expected citations for this subject category

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1	John Doe	1,520	19	80.00	13	2.99	11.32
2	Jane Smith	1,787	27	66.19	10	3.61	8.41
3	John Doe	676	9	75.11	5	2.02	8.04
4	Jane Smith	5,711	55		32	3.20	7.63
5	John Doe	734	9		5	1.88	7.55
6	Jane Smith	576	9		8	3.50	6.66
7	John Doe	1,609	28		15	3.28	6.41
8	Jane Smith	671	10	67.10	6	1.98	6.13
9	John Doe	275	6	45.83	5	4.01	5.48
10	Jane Smith	652	18	36.22	9	1.75	5.20
11	John Doe	338	16	21.12	7	3.14	4.73
12	Jane Smith	807	16	50.44	11	2.27	4.62
13	John Doe	1,332	26	51.23	12	2.03	4.61
14	Jane Smith	135	7	19.29	5	2.54	4.55
15	John Doe	121	6	20.17	3	2.12	4.50
16	Jane Smith	542	23	23.61	10	2.50	4.49
17	John Doe	5,881	35	16.57	40	4.10	4.46
18	Jane Smith	457	8	45.70	8	2.92	4.43
19	John Doe	1,385	12	28.27	15	2.85	4.36
20	Jane Smith	1,925	35	55.00	16	1.88	4.20

Computer Science

Medicine

EVALUATE INDIVIDUAL RESEARCHERS

Citation Metrics

Times Cited	39
Web of Science Documents	23
Cites per Document	1.70
% Documents Cited	61%
h-index	3
Median Cites	1

Self Citation Metrics

Self Cites	17
% Self Cites	43,59%
Times Cited without Self Cites	22
Cites per Document without Self Cites	0,96
h-index without Self Cites	2

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Average Authors per Document	6,13
Unique Institutions	6
Average Institutions per Document	1,30
Average Countries/Territories per Document	1,13

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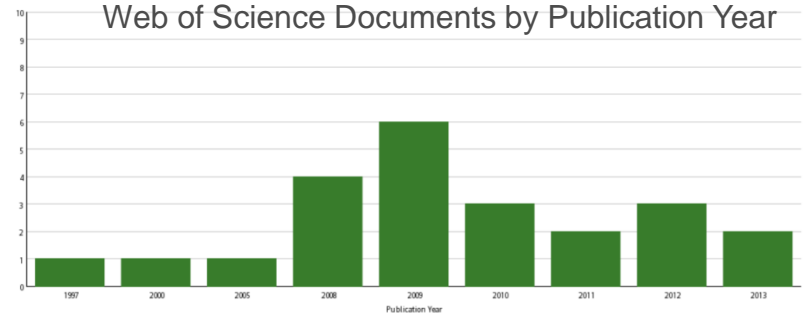


Category actual / Expected Cites 1,74

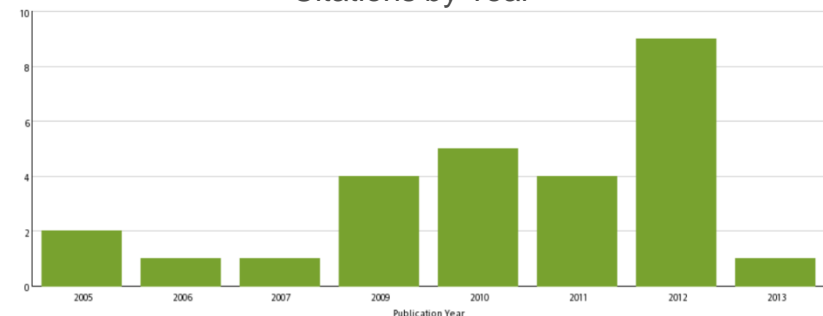


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Web of Science Documents by Publication Year



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3.	Kaluzhny Dmitry	Institute of Mechanics UB RAS	Russia	K-5337-2012
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6.	A Gritsenko	Russian Academy of Sciences, Insitute of Geography, IGRAS	Russia	F-6873-2011
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Other Names: A.V. Aksenov

E-mail: alexaks05@rambler.ru

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Subject: Chemistry

Keywords: chemistry; biologically active substances; heterocyclic co

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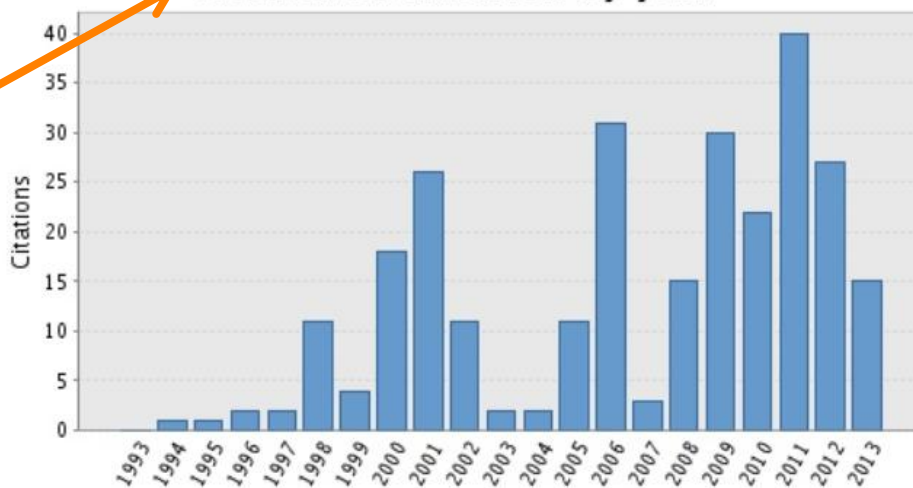
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Articles With Citation Data: 117

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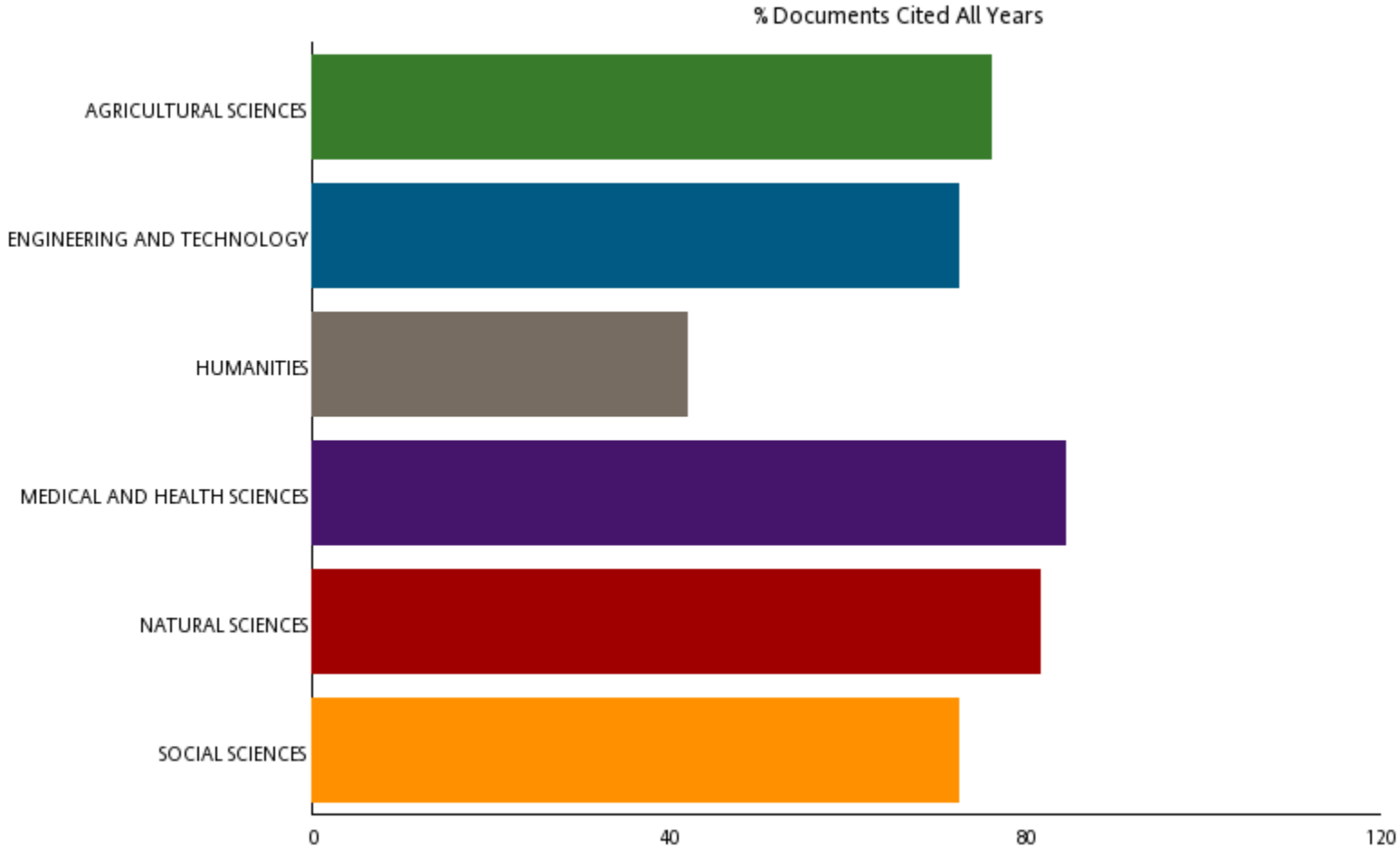
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h-index: 9

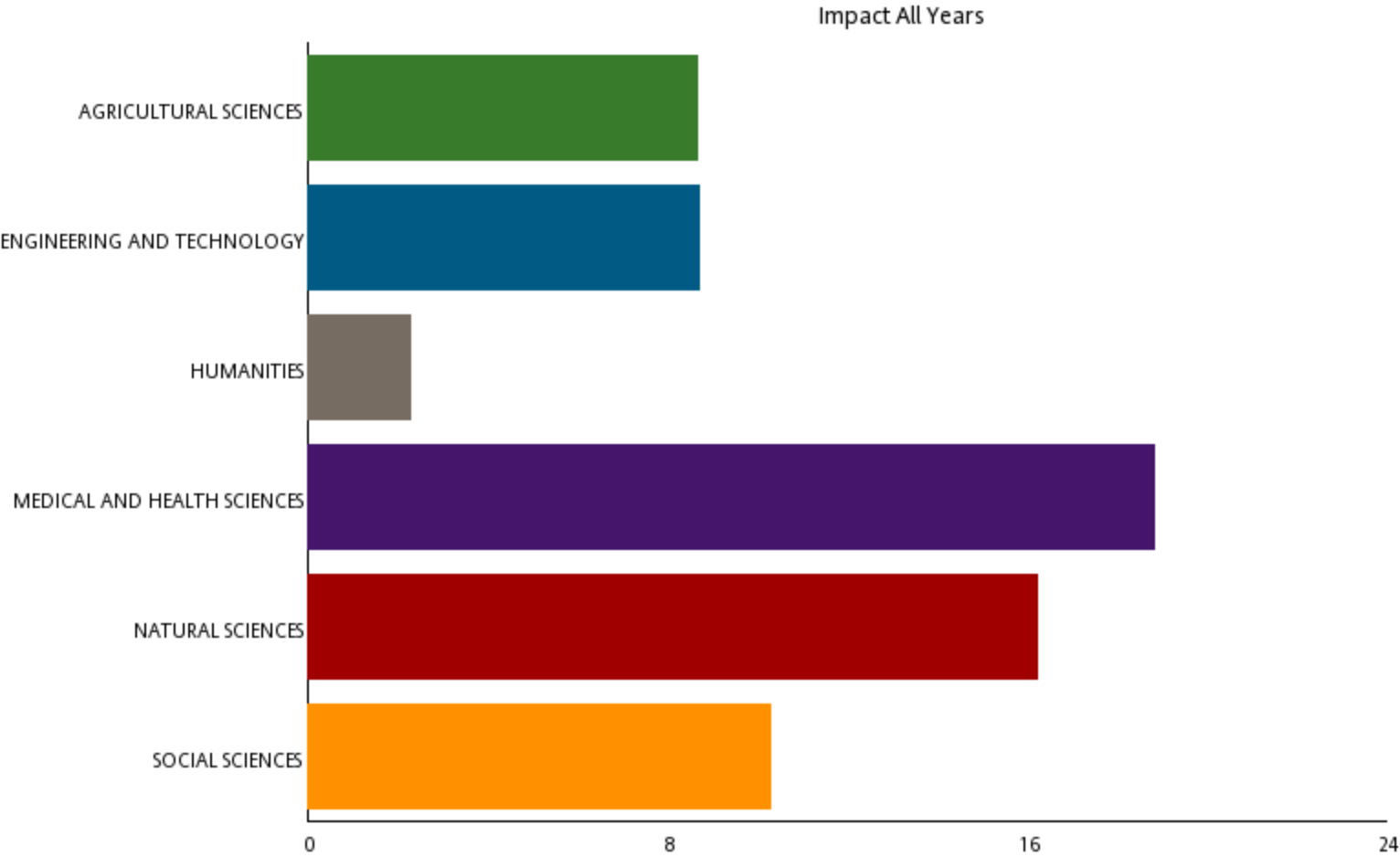
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SPECIAL CASE: ARTS & HUMANITIES



SPECIAL CASE: ARTS & HUMANITIES



SPECIAL CASE: NEGATIVE CITATIONS

ELECTROCHEMICALLY INDUCED NUCLEAR-FUSION OF DEUTERIUM

Author(s): [FLEISCHMANN, M](#) (FLEISCHMANN, M); [PONS, S](#) (PONS, S)

Source: JOURNAL OF ELECTROANALYTICAL CHEMISTRY **Volume:** 261 **Issue:** 2A **Pages:** 301-308
DOI: 10.1016/0022-0728(89)80006-3 **Published:** APR 10 1989

Times Cited: **783** (from Web of Science)

Cited References: [6](#) [[view related records](#)]  [Citation Map](#)

Accession Number: WOS:A1989U071800006

Document Type: Note

Language: English

Addresses:

[1] UNIV UTAH,DEPT CHEM,SALT LAKE CITY,UT 84112

[2] UNIV SOUTHAMPTON,DEPT CHEM,SOUTHAMPTON SO9 5NH,HANTS,ENGLAND

Publisher: ELSEVIER SCIENCE SA LAUSANNE, PO BOX 564, 1001 LAUSANNE 1, SWITZERLAND

Web of Science Categories: Chemistry, Analytical; Electrochemistry

SPECIAL CASE: SELF-CITATIONS

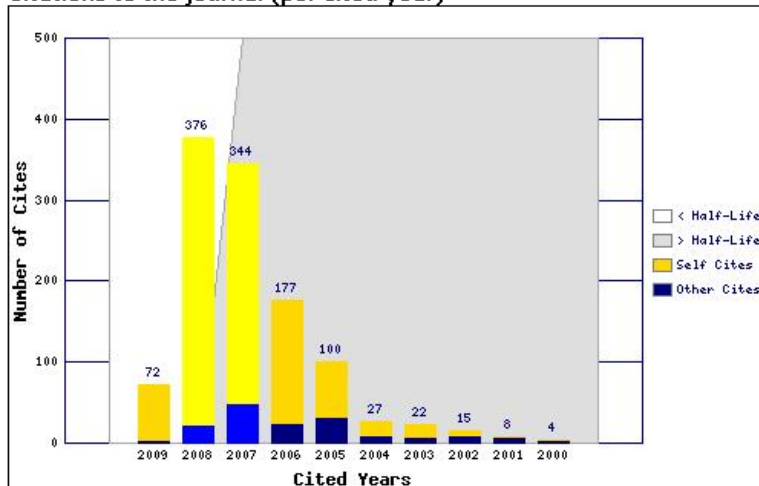
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- REV BRAS FARMACOGN: First Journal Impact Factor in 2009=3.462

Journal Self Cites ⓘ

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Total Cites	1163	Self Cites	1010 (86% of 1163)
Cites to Years Used in Impact Factor Calculation	720	Self Cites to Years Used in Impact Factor Calculation	652 (90% of 720)
Impact Factor	3.462	Impact Factor without Self Cites	0.327

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SPECIAL CASE: MULTI-AUTHORED PAPERS

Direct evidence for neutrino flavor transformation from neutral-current interactions in the Sudbury Neutrino Observatory

Author(s): Ahmad, QR (Ahmad, QR); Allen, RC (Allen, RC); Andersen, TC (Andersen, TC); Anglin, JD (Anglin, JD); Barton, JC (Barton, JC); Beier, EW (Beier, EW); Bercovitch, M (Bercovitch, M); Bigu, J (Bigu, J); Biller, SD (Biller, SD); Black, RA (Black, RA); Blevis, I (Blevis, I); Boardman, RJ (Boardman, RJ); Boger, J (Boger, J); Bonvin, E (Bonvin, E); Boulay, MG (Boulay, MG); Bowler, MG (Bowler, MG); Bowles, TJ (Bowles, TJ); Brice, SJ (Brice, SJ); Browne, MC (Browne, MC); Bullard, TV (Bullard, TV); Buhler, G (Buhler, G); Cameron, J (Cameron, J); Chan, YD (Chan, YD); Chen, HH (Chen, HH); Chen, M (Chen, M); Chen, X (Chen, X); Cleveland, BT (Cleveland, BT); Clifford, ETH (Clifford, ETH); Cowan, JHM (Cowan, JHM); Cowen, DF (Cowen, DF); Cox, GA (Cox, GA); Dai, X (Dai, X); Dalnoki-Veress, F (Dalnoki-Veress, F); Davidson, WF (Davidson, WF); Doe, PJ (Doe, PJ); Doucas, G (Doucas, G); Dragowsky, MR (Dragowsky, MR); Duba, CA (Duba, CA); Duncan, FA (Duncan, FA); Dunford, M (Dunford, M); Dunmore, JA (Dunmore, JA); Earle, ED (Earle, ED); Elliott, SR (Elliott, SR); Evans, HC (Evans, HC); Ewan, GT (Ewan, GT); Farine, J (Farine, J); Fergani, H (Fergani, H); Ferraris, AP (Ferraris, AP); Ford, RJ (Ford, RJ); Formaggio, JA (Formaggio, JA); Fowler, MM (Fowler, MM); Frame, K (Frame, K); Frank, ED (Frank, ED); Frati, W (Frati, W); Gagnon, N (Gagnon, N); Germani, JV (Germani, JV); Gil, S (Gil, S); Graham, K (Graham, K); Grant, DR (Grant, DR); Hahn, RL (Hahn, RL); Hallin, AL (Hallin, AL); Hallman, ED (Hallman, ED); Hamer, AS (Hamer, AS); Hamian, AA (Hamian, AA); Handler, WB (Handler, WB); Haq, RU (Haq, RU); Hargrove, CK (Hargrove, CK); Harvey, PJ (Harvey, PJ); Hazama, R (Hazama, R); Heeger, KM (Heeger, KM); Heintzelman, WJ (Heintzelman, WJ); Heise, J (Heise, J); Helmer, RL (Helmer, RL); Hepburn, JD (Hepburn, JD); Heron, H (Heron, H); Hewett, J (Hewett, J); Hime, A (Hime, A); Howe, M (Howe, M); Hykawy, JG (Hykawy, JG); Isaac, MCP (Isaac, MCP); Jagam, P (Jagam, P); Jelley, NA (Jelley, NA); Jillings, C (Jillings, C); Jonkmans, G (Jonkmans, G); Kazkaz, K (Kazkaz, K); Keener, PT (Keener, PT); Klein, JR (Klein, JR); Knox, AB (Knox, AB); Komar, RJ (Komar, RJ); Kouzes, R (Kouzes, R); Kutter, T (Kutter, T); Kyba, CCM (Kyba, CCM); Law, J (Law, J); Lawson, IT (Lawson, IT); Lay, M (Lay, M); Lee, HW (Lee, HW); Lesko, KT (Lesko, KT); Leslie, JR (Leslie, JR); Levine, I (Levine, I); Locke, W (Locke, W); Luoma, S (Luoma, S); Lyon, J (Lyon, J); Majerus, S (Majerus, S); Mak, HB (Mak, HB); Maneira, J (Maneira, J); Manor, J (Manor, J); Marino, AD (Marino, AD); McCauley, N (McCauley, N); McDonald, AB (McDonald, AB); McDonald, DS (McDonald, DS); McFarlane, K (McFarlane, K); McGregor, G (McGregor, G); Drees, RM (Drees, RM); Miffin, C (Miffin, C); Miller, GG (Miller, GG); Milton, G (Milton, G); Moffat, BA (Moffat, BA); Moorhead, M (Moorhead, M); Nally, CW (Nally, CW); Neubauer, MS (Neubauer, MS); Newcomer, FM (Newcomer, FM); Ng, HS (Ng, HS); Noble, AJ (Noble, AJ); Norman, EB (Norman, EB); Novikov, VM (Novikov, VM); O'Neill, M (O'Neill, M); Okada, CE (Okada, CE); Ollerhead, RW (Ollerhead, RW); Omori, M (Omori, M); Orrell, JL (Orrell, JL); Oser, SM (Oser, SM); Poon, AWP (Poon, AWP); Radcliffe, TJ (Radcliffe, TJ); Roberge, A (Roberge, A); Robertson, BC (Robertson, BC); Robertson, RGH (Robertson, RGH); Rosendahl, SSE (Rosendahl, SSE); Rowley, JK (Rowley, JK); Rusu, VL (Rusu, VL); Saettler, E (Saettler, E); Schaffer, KK (Schaffer, KK); Schwendener, MH (Schwendener, MH); Schulke, A (Schulke, A); Seifert, H (Seifert, H); Shatkay, M (Shatkay, M); Simpson, JJ (Simpson, JJ); Sims, CJ (Sims, CJ); Sinclair, D (Sinclair, D); Skensved, P (Skensved, P); Smith, AR (Smith, AR); Smith, MWE (Smith, MWE); Spreitzer, T (Spreitzer, T); Starinsky, N (Starinsky, N); Steiger, TD (Steiger, TD); Stokstad, RG (Stokstad, RG); Stonehill, LC (Stonehill, LC); Storey, RS (Storey, RS); Sur, B (Sur, B); Tafirout, R (Tafirout, R); Tagg, N (Tagg, N); Tanner, NW (Tanner, NW); Taplin, RK (Taplin, RK); Thorman, M (Thorman, M); Thornewell, PM (Thornewell, PM); Trent, PT (Trent, PT); Tserkovnyak, YI (Tserkovnyak, YI); Van Berg, R (Van Berg, R); Van de Water, RG (Van de Water, RG); Virtue, CJ (Virtue, CJ); Waltham, CE (Waltham, CE); Wang, JX (Wang, JX); Wark, DL (Wark, DL); West, N (West, N); Wilhelmy, JB (Wilhelmy, JB); Wilkerson, JF (Wilkerson, JF); Wilson, JR (Wilson, JR); Wittich, P (Wittich, P); Wouters, JM (Wouters, JM); Yeh, M (Yeh, M)

Group Author(s): SNO Collaboration

Source: PHYSICAL REVIEW LETTERS Volume: 89 Issue: 1 Article Number: 011301 DOI: 10.1103/PhysRevLett.89.011301 Published: JUL 1 2002



Times Cited: 1,389 (from Web of Science)