

TITLE

— **SUPPORTING**
THE JOURNAL SELECTION PROCESS &
RESEARCH PUBLICATION PRACTICES FOR
RESEARCH PERFORMANCE EVALUATION
IN SERBIA

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Research Analytics Consultant

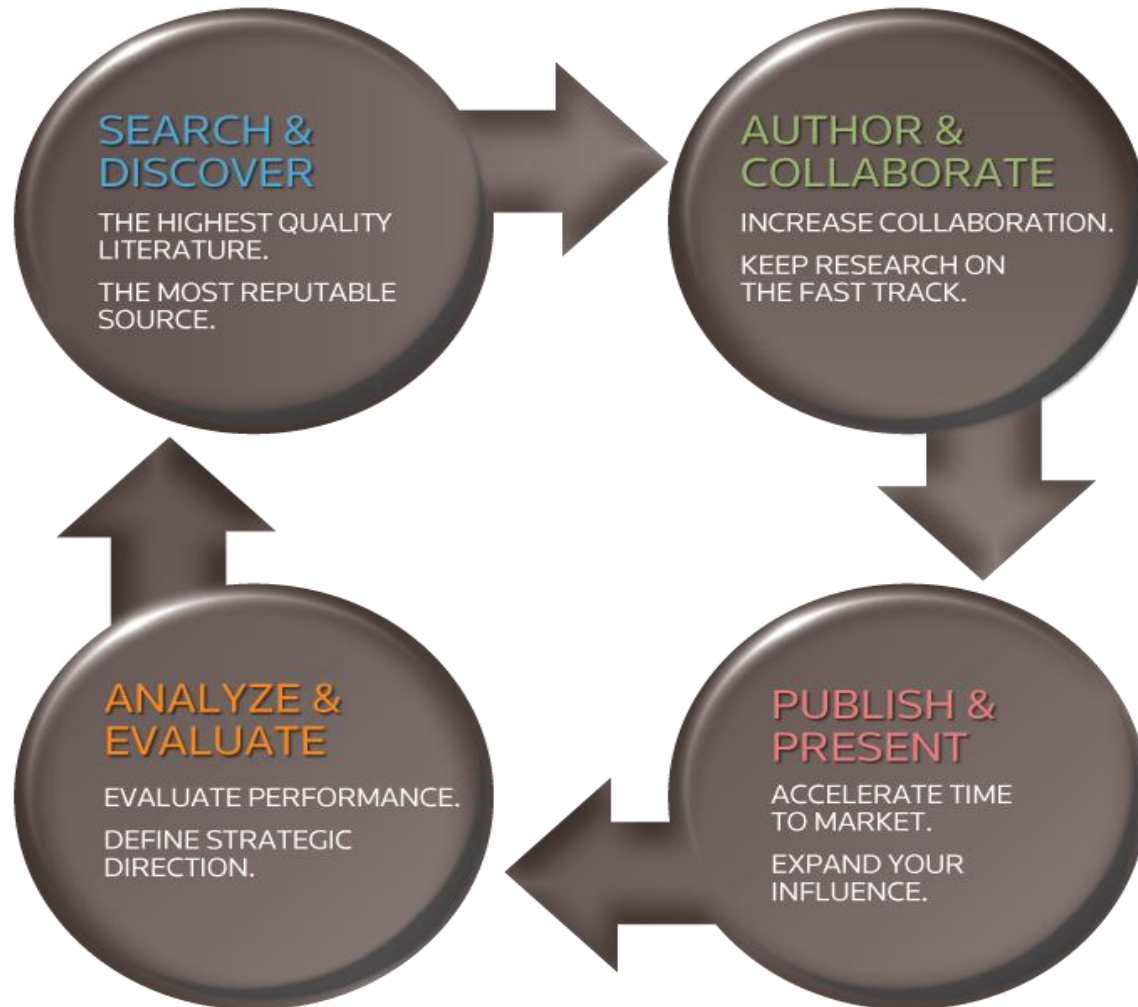
Clarivate
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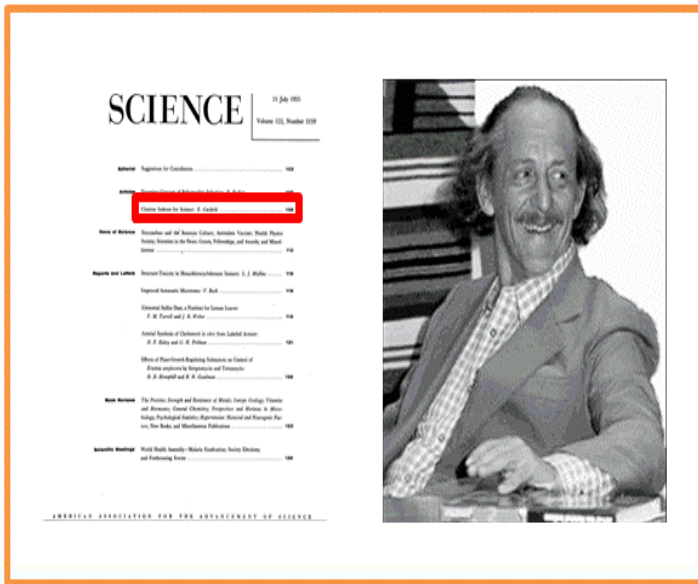
— TODAY'S AGENDA

- The Importance of Selectivity
- WoS Journal Selection Criteria
- What's next? Data and Indexation Process
- Journal Ranking Indicators
- How to use the Journal Impact Factor wisely
- Beyond the Journal Impact Factor: Other metrics?
- Tools to monitor journal research performance and inform journal collection development
- Target the most relevant journal for your research
- Q&A

SUPPORTING THE SCIENTIFIC & SCHOLARLY ECOSYSTEM



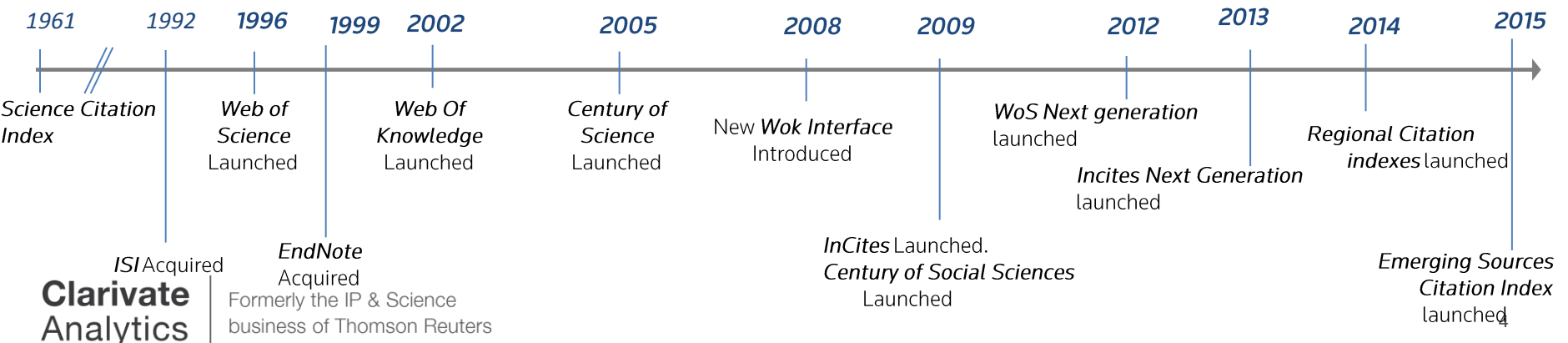
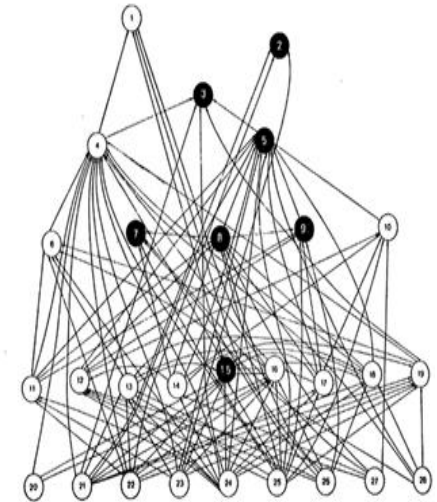
THE WEB OF SCIENCE CORE COLLECTION DEVELOPMENT



Citation Indexes for Science

A New Dimension in Documentation through Association of Ideas

Science 122 (3159), p.108-11, July 1955



EMERGING SOURCES CITATION INDEX (ESCI)

An **additional index** in the Web of Science Core Collection to widen the window for research discovery

More than **5000 journals** by the end of 2016

Keep the **core criteria for selection**

- Peer Review
- Publishing Practices
- High Interest to a scholarly community
- Ability to meet our technical requirements

Same **strict editorial policies** for capture: Indexing of ALL publications, All authors, All affiliations, and Funding sources.

No Journal Impact Factor

22 Serbian journals have been selected/reviewed

<http://ip-science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=EX>

**Clarivate
Analytics**

Formerly the IP & Science
business of Thomson Reuters

▼ MORE SETTINGS

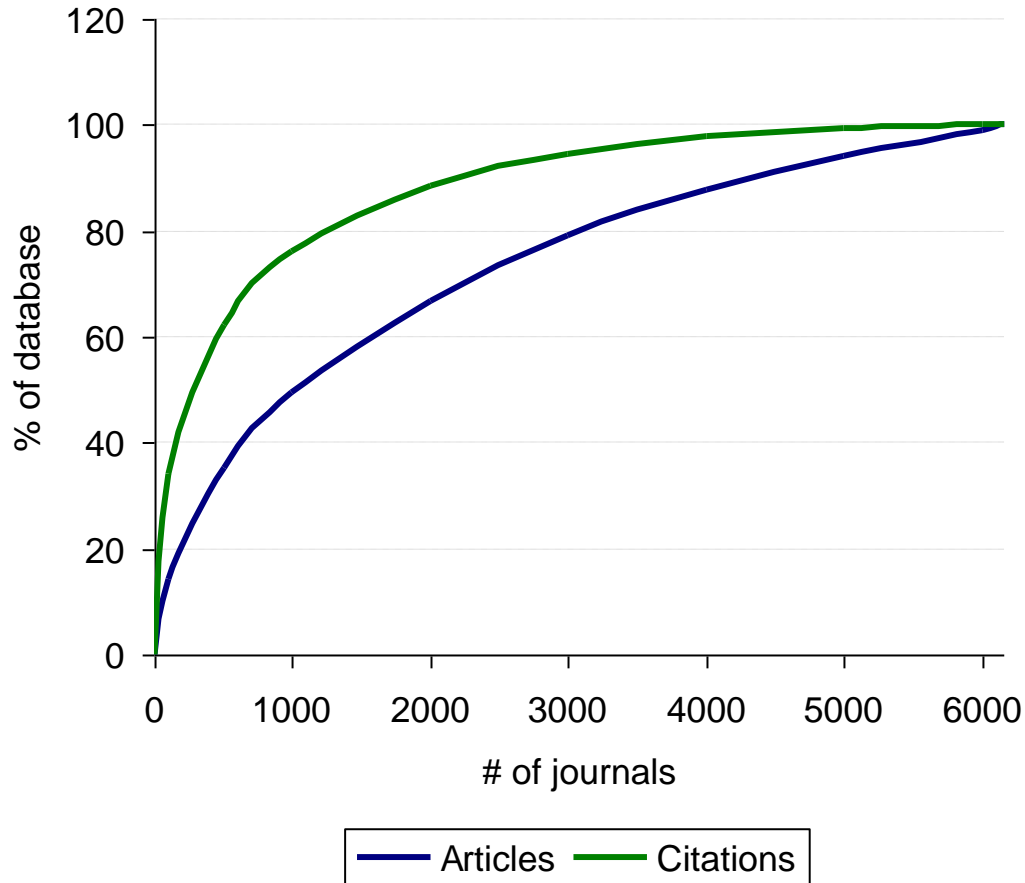
Web of Science Core Collection: Citation Indexes

- Science Citation Index Expanded (SCI-EXPANDED) --1900-present
- Social Sciences Citation Index (SSCI) --1900-present
- Arts & Humanities Citation Index (A&HCI) --1975-present
- Conference Proceedings Citation Index- Science (CPCI-S) --1990-present
- Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH) --1990-present
- Book Citation Index-- Science (BKCI-S) --2005-present
- Book Citation Index-- Social Sciences & Humanities (BKCI-SSH) --2005-present
- Emerging Sources Citation Index (ESCI) --2015-present

Web of Science Core Collection: Chemical Indexes

- Current Chemical Reactions (CCR-EXPANDED) --1985-present
(Includes Institut National de la Propriete Industrielle structure data back to 1840)
- Index Chemicus (IC) --1993-present

SELECTION: WHERE IS THE RELEVANT CONTENT?



Garfield's Law of Concentration

40% of the journals represent:

- 80% of the publications
- 92% of cited papers

4% of the journals represent:

- 30% of the publications
- 51% of cited papers

Approx. 3,000 journals evaluated annually in [Web of Science](#)

– 10-12% accepted

JOURNALS MUST BE SELECTED

200+ papers will be read by a researcher in a year, on average

0.4% of journals (50,000+) on average a scientist is capable of reading in a year.

Tenopir C. What Scientists Really Need. In: American Association for the Advancement of Science Meeting (AAAS). Washington D.C.; 2005.

SELECTIVITY IS THE KEY

DELIVERING THE “200 ARTICLES”



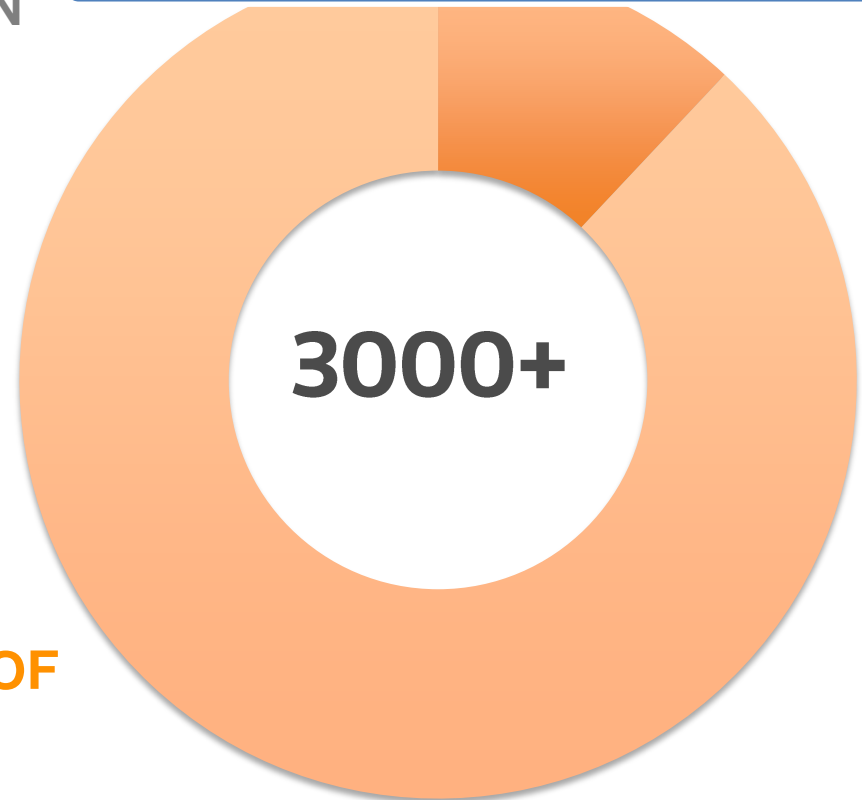
THE SEA OF
SCHOLARLY
INFORMATION



THE CORE OF
SCIENCE

10 - 12% Accepted for flagship indexes

62% Accepted for ESCI



JOURNAL SELECTION PROCESS – MAIN OBJECTIVES

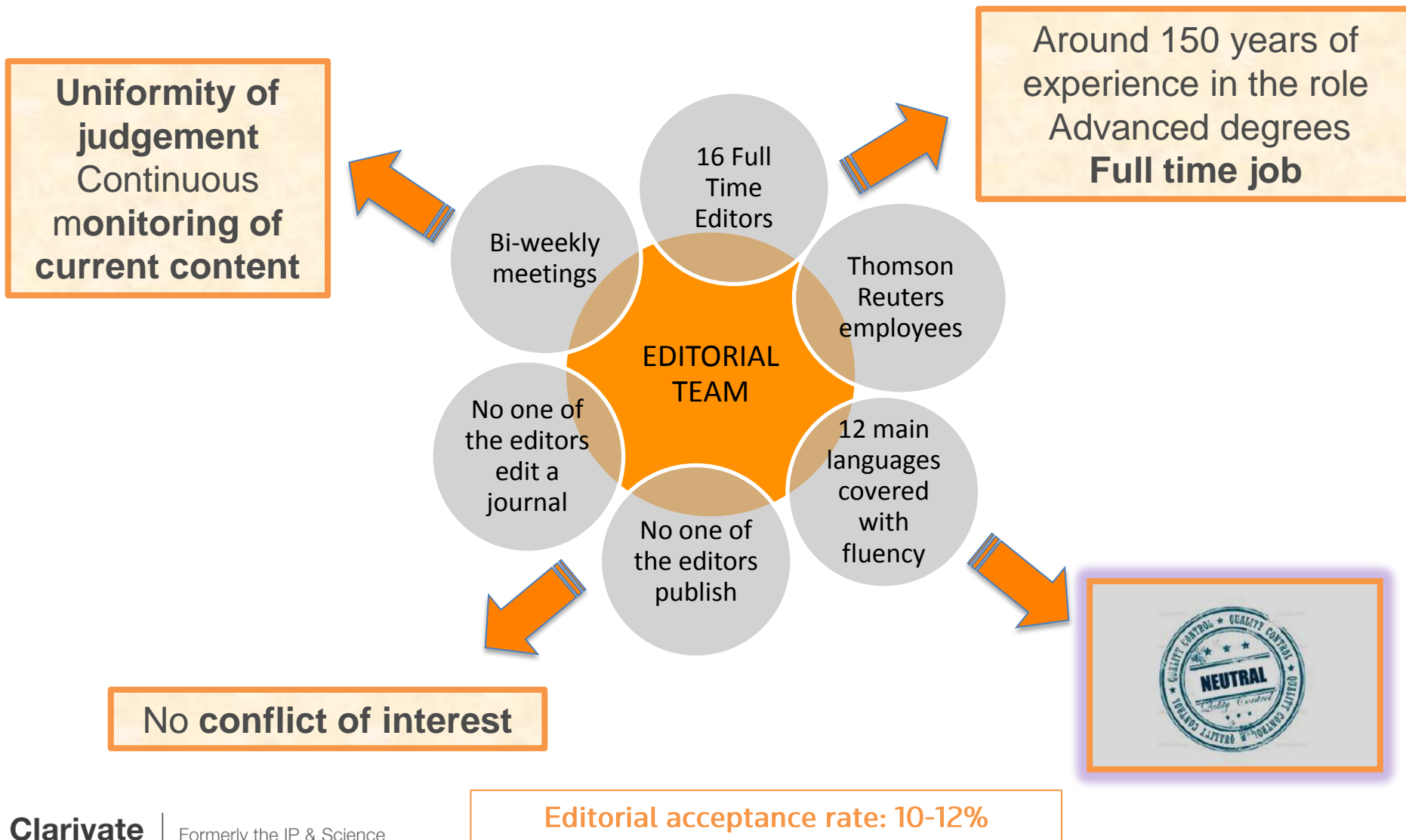
To evaluate and select the best scholarly content available today for coverage in Web of Science.

As a result, the Web of Science is known as the worldwide source for top tier scholarly research published in the best international and regional journals.

Provide the worldwide publishing community with objective standards useful in building world-class publications according to the highest ethical standards.

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THE IMPORTANCE OF NEUTRALITY



JOURNAL SELECTION CRITERIA FOR WEB OF SCIENCE



SELECTIVITY IS THE KEY

Four Points of Evaluation

Journal
Publishing
Standards

Editorial
Content

International
Diversity

Citation
Analysis

*A complex process:
no one factor is
considered in
isolation.*



*Each journal is
evaluated upon its
own merits with
an objective
unbiased
approach.*



*Core coverage in
the Web of Science
is not static:
covered titles are
monitored to
ensure they
maintain
performance.*

JOURNAL SELECTION FOR WEB OF SCIENCE: TWO PHASES

PHASE 1

Accelerated evaluation for ESCI - content must exhibit:

- Peer Review
- Ethical Publishing Practices
- High Interest to a scholarly community (Scholars, researchers, funding bodies, research administrators)
- The ability to meet our technical requirements

PHASE 2

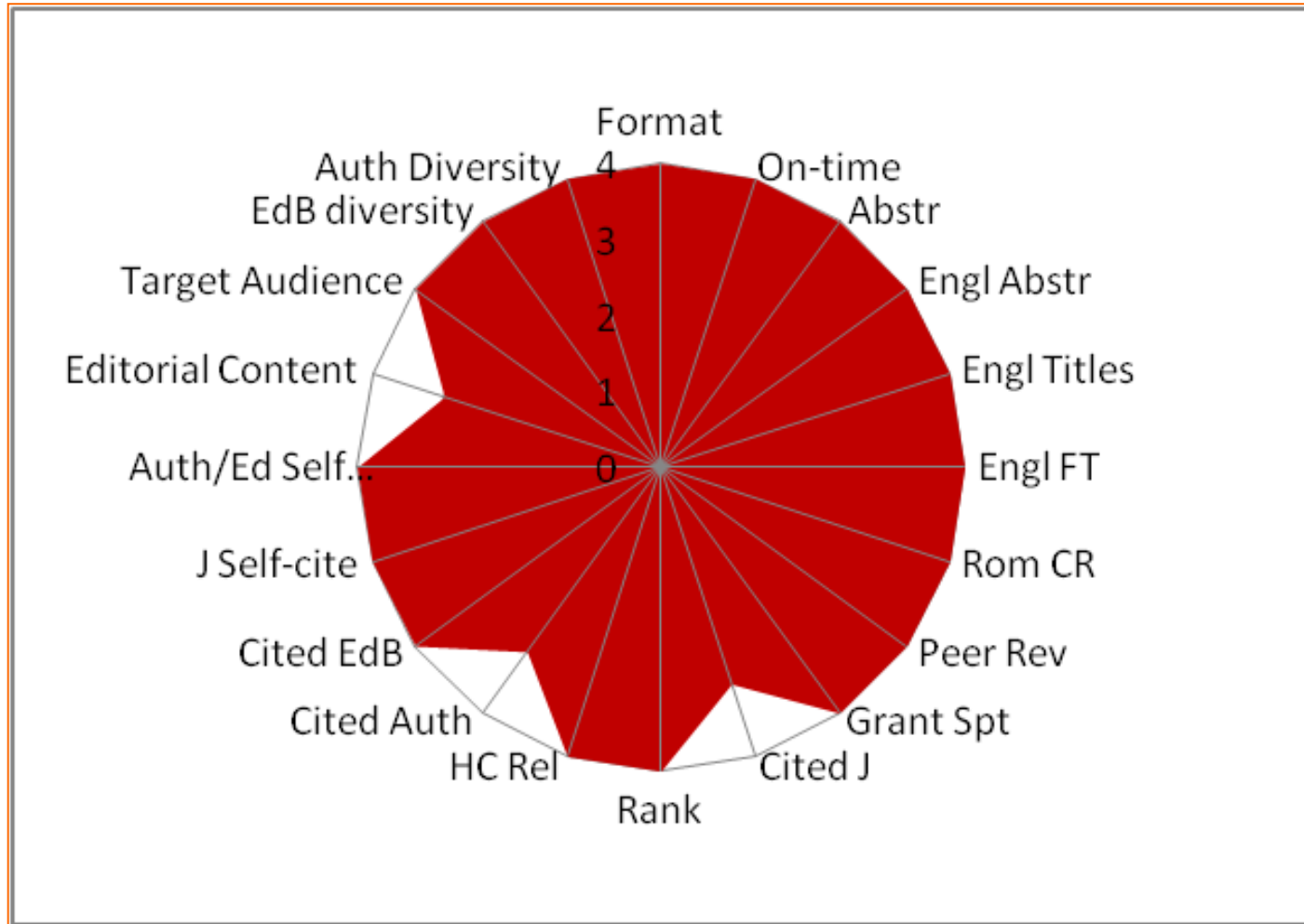
Full assessment – meet ALL criteria SCIE, SSCI, A&HCI (Same as today):

Highest Journal Publishing Standards

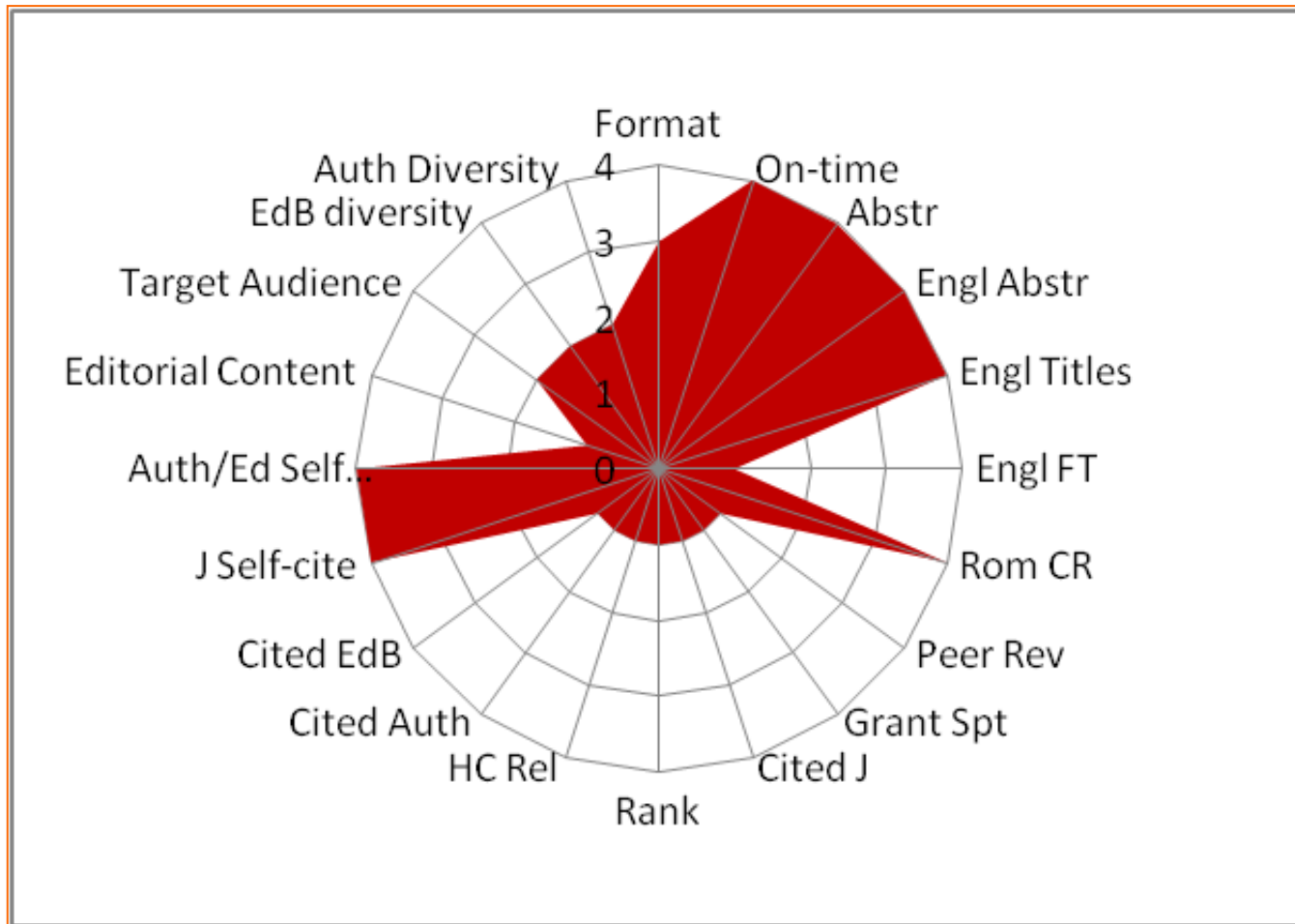
- Timeliness
- Globally Accepted Editorial conventions
- English Bibliographic Information
- **Peer Review**
- Strong Editorial board
- **Ethical Publishing Practices**
- Regional Diversity and Global Collaboration
 - Appropriate Diversity of Editorial Board
 - Appropriate Diversity of Authorship
- Significant Global Impact relative to its field (citation or novel contribution)
- Consistently high interest to the global scholarly community (Scholars, researchers, funding bodies, research administrators)
- **The ability to meet our technical requirements**

De-selection

WHY A JOURNAL IS ACCEPTED?



WHY A JOURNAL IS REJECTED OR DROPPED?



INDEXING

CONSISTENCY IS THE KEY TO VALIDITY

- Consistent indexing for complete analysis
 - Cover-to-cover indexing
 - All author names
 - All author addresses (affiliations)
 - Open Access
 - Funding Agencies & Grant Numbers (Funding text)

COVER TO COVER INDEXING IS ESSENTIAL FOR PRODUCING RELIABLE JOURNAL RANKING INDICATORS


Search

Results: 63,400,377

(from Web of Science Core Collection)

You searched for: YEAR
PUBLISHED: (1900-2016)

40 document types
curated and properly
assigned to the correct
type

- 
- | | | | |
|---|--|--|---|
| <input type="checkbox"/> ARTICLE (37,806,124) | <input type="checkbox"/> POETRY (261,502) | <input type="checkbox"/> FILM REVIEW (61,602) | <input type="checkbox"/> EXCERPT (7,396) |
| <input type="checkbox"/> PROCEEDINGS PAPER (6,979,734) | <input type="checkbox"/> CORRECTION (211,882) | <input type="checkbox"/> FICTION CREATIVE PROSE (47,036) | <input type="checkbox"/> TV REVIEW RADIO REVIEW VIDEO (4,785) |
| <input type="checkbox"/> MEETING ABSTRACT (6,873,936) | <input type="checkbox"/> CORRECTION ADDITION (152,018) | <input type="checkbox"/> THEATER REVIEW (32,734) | <input type="checkbox"/> SCRIPT (2,748) |
| <input type="checkbox"/> BOOK REVIEW (4,014,745) | <input type="checkbox"/> ART EXHIBIT REVIEW (110,798) | <input type="checkbox"/> DANCE PERFORMANCE REVIEW (23,056) | <input type="checkbox"/> HARDWARE REVIEW (2,560) |
| <input type="checkbox"/> EDITORIAL MATERIAL (2,507,163) | <input type="checkbox"/> BIOGRAPHICAL ITEM (108,670) | <input type="checkbox"/> MUSIC SCORE REVIEW (18,248) | <input type="checkbox"/> DATABASE REVIEW (1,421) |
| <input type="checkbox"/> LETTER (2,209,264) | <input type="checkbox"/> ITEM ABOUT AN INDIVIDUAL (91,774) | <input type="checkbox"/> REPRINT (16,682) | <input type="checkbox"/> CHRONOLOGY (1,210) |
| <input type="checkbox"/> NOTE (1,471,649) | <input type="checkbox"/> DISCUSSION (80,422) | <input type="checkbox"/> SOFTWARE REVIEW (15,516) | <input type="checkbox"/> MUSIC SCORE (1,147) |
| <input type="checkbox"/> REVIEW (1,432,376) | <input type="checkbox"/> BOOK (75,766) | <input type="checkbox"/> ABSTRACT OF PUBLISHED ITEM (13,434) | <input type="checkbox"/> MAIN CITE (91) |
| <input type="checkbox"/> BOOK CHAPTER (1,002,673) | <input type="checkbox"/> RECORD REVIEW (70,843) | <input type="checkbox"/> BIBLIOGRAPHY (12,266) | <input type="checkbox"/> MEETING SUMMARY (17) |
| <input type="checkbox"/> NEWS ITEM (489,944) | <input type="checkbox"/> MUSIC PERFORMANCE REVIEW (63,643) | <input type="checkbox"/> TV REVIEW RADIO REVIEW (8,047) | <input type="checkbox"/> PRESS DIGEST (1) |

DIFFERENT LEVELS OF METADATA QUALITY

ALL AUTHOR NAMES, ALL ADDRESSES

NO AGREGATION OF THIRD PARTY CONTENT, ALL MATERIALS ARE INDEXED DIRECTLY FROM THE SOURCE (Publishers)

This also strengthens the consistency of our metadata capture, Web of Science does not inherit the weaknesses (*e.g. missing affiliations in Medline*) or third party databases

Flavonoid intake and long-term risk of coronary heart disease and cancer in the seven countries study.

By: Hertog, M G; Kromhout, D; Aravanis, C; Blackburn, H; Buzina, R; Fidanza, F; Giampaoli, S; Jansen, A; Menotti, A; Nedeljkovic, S

Archives of internal medicine

Volume: 155 Issue: 4 Pages: 381-6

DOI: 10.1001/archinte.155.4.381

Published: 1995-Feb-27

Medline/Pubmed record: One Address

Abstract

OBJECTIVE: To determine whether flavonoid intake explains differences in mortality rates from chronic diseases between populations.

Author Information

Address: Department of Chronic Diseases and Environmental Epidemiology, National Institute of Public Health and Environmental Protection, Bilthoven, The Netherlands.

WEB OF SCIENCE CORE COLLECTION AND OTHER CONTENTS: DIFFERENT LEVELS METADATA QUALITY

FLAVONOID INTAKE AND LONG-TERM RISK OF CORONARY-HEART-DISEASE AND CANCER IN THE 7 COUNTRIES STUDY

By: HERTOOG, MGL (HERTOOG, MGL); KROMHOUT, D (KROMHOUT, D); ARAVANIS, C (ARAVANIS, C); BLACKBURN, H (BLACKBURN, H); BUZINA, R (BUZINA, R); FIDANZA, F (FIDANZA, F); GIAMPAOLI, S (GIAMPAOLI, S); JANSEN, A (JANSEN, A); MENOTTI, A (MENOTTI, A); NEDELJKOVIC, S (NEDELJKOVIC, S); PEKKARINEN, M (PEKKARINEN, M); SIMIC, BS (SIMIC, BS); TOSHIMA, H (TOSHIMA, H); FESKENS, EJM (FESKENS, EJM); HOLLMAN, PCH (HOLLMAN, PCH); KATAN, MB (KATAN, MB)...Less

ARCHIVES OF INTERNAL MEDICINE

Volume: 155 Issue: 4 Page: 221-228

DOI: 10.1001/archinte.155.4.221

Published: FEB 27 1995

[View Journal Information](#)

Web of Science Core Collection record: All Addresses

Author Information

Addresses:

- + [1] NATL INST PUBL HLTH & ENVIRONM PROTECT,DEPT CHRON DIS & ENVIRONM EPIDEMIOLOG, DIV PUBL HLTH RES, 3720 BILTHOVEN, NETHERLANDS
- [2] GREEK SOC STUDY ATHEROSCLEROSIS, ATHENS, GREECE
- [3] MED CTR ATHENS, ATHENS, GREECE
- + [4] UNIV MINNESOTA, SCH PUBL HLTH, DIV EPIDEMIOLOG, MINNEAPOLIS, MN 55455
- [5] INST DIABET ENDOCRINOL & METAB DIS, ZAGREB, CROATIA
- + [6] UNIV PERUGIA, INST FOOD SCI & NUTR, I-06100 PERUGIA, ITALY
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- + [8] UNIV BELGRADE, FAC MED, INTERNAL CLIN B, BELGRADE,
- + [9] UNIV BELGRADE, FAC MED, INST HYG, BELGRADE,

DIFFERENT LEVELS OF METADATA QUALITY

ENHANCED ORGANIZATIONS NAMES

Add UNIV BELGARDE

Add UNIV BELGRAD

Add UNIV BELGRADDE

Add UNIV BELGRADE

Add UNIV BELGRADEV

Add UNIV BELGRADO

Add UNIV BELGRDE

Add UNIV BEOGRAD

Add UNIV BEOGRADE

Add UNIV BEOGRADU

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- [2] Univ Belgrade, Vinca Inst Nucl Sci, Mike Petrovica Alasa 12-14, Belgrade 11120, Serbia
Organization-Enhanced Name(s)
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- [3] Plasma Jet Co, Branicevska 29, Belgrade 11000, Serbia
- [4] Univ Belgrade, Inst Phys, Ctr Solid State Phys & New Mat, Pregrev 118, Zemun 11080, Serbia
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University of Belgrade
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Organization-Enhanced Name(s)
University of Belgrade

Unification rules sets are built in complete transparency, using internal and external expertise

We communicate rules to institutions

They validate/modify/
complete the rules

Rules are updated and applied to more than a century of publication activity

DIFFERENT LEVELS OF METADATA QUALITY

ALL AUTHOR NAMES, ALL ADDRESSES

Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC

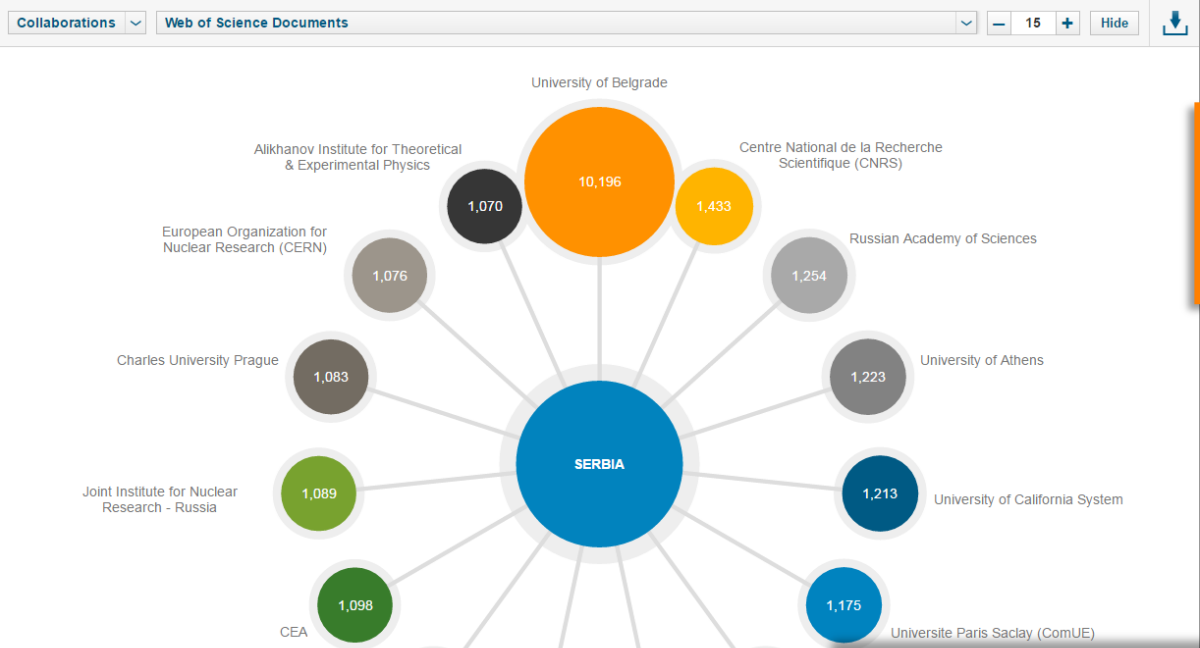
By: Aad, G (Aad, G.)^[1]; Abajyan, T (Abajyan, T.)^[35]; Abbott, Abdel^[155,156]; Abdelalim, AA (Abdelalim, A. A.)^[75]; Abidinov (Abolins, M.)^[125]; AbouZeid, US (AbouZeid, U. S.)^[216]; Abra^[223,224]; Adamczyk, L (Adamczyk, L.)^[64]; Adams, DL (Adan

AUTHOR-AFFILIATION LINK SINCE 2008

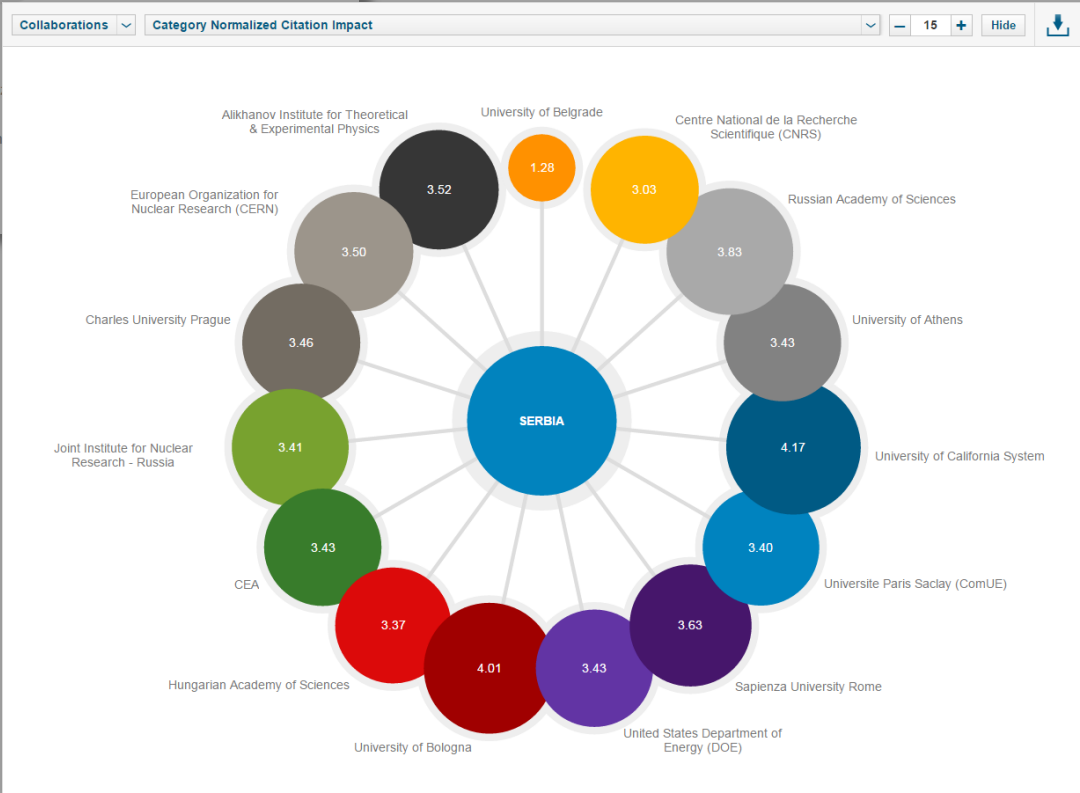
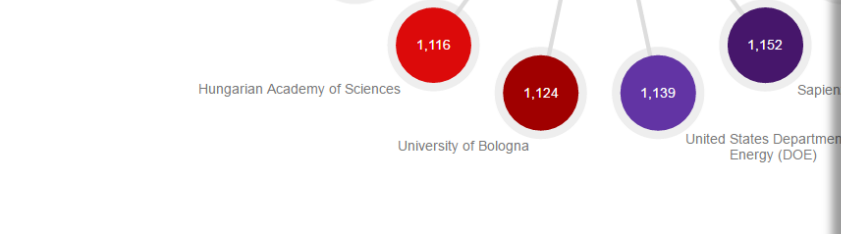
Agustoni, M (Agustoni, M.)^[20,21]; Aharrouche, M (Aharrouche, M.)^[204,205]; Ahsan, M (Ahsan, M.)^[67]; Aielli, G (Aielli, G.)^[179,180]; Akimoto, G.)^[212,213]; Akimov, AV (Akimov, A. V.)^[131]; Alam, S (Albrand, S.)^[83,84]; Aleksa, M (Aleksa, M.)^[49]; Aleksandro^[1]; Alexander, G (Alexander, G.)^[210]; Alexandre, G (Alexandre, G.)^[25]; Alimonti, G (Alimonti, G.)^[127]; Alison, J (Alison, J.)^[115]; Alonso, F (Alonso, F.)^[101,102]; Alzheimer, A (Alzheimer, A.)^[96]; Amako, K (Amako, K.)^[96]; Amelung, C (Amelung, C.)^[37]; Amorim, A (Amorim, A.)^[169,243]; Amram, N (Amram, N.)^[210]

WITHOUT CONSISTENCY, NO MEANINGFUL DATA ANALYSIS IS POSSIBLE

- + [14] Univ Texas Arlington, Dept Phys, Arlington, TX 76019 USA
- + [15] Univ Athens, Dept Phys, Athens, Greece
- + [16] Natl Tech Univ Athens, Dept Phys, Zografos, Greece
- [17] Azerbaijan Acad Sci, Inst Phys, Baku, Azerbaijan
- + [18] Univ Autonoma Barcelona, Dept Fis, E-08193 Barcelona, Spain
- [19] Univ Autonoma Barcelona, Inst Fis Altes Energies, E-08193 Barcelona, Spain
- [20] ICREA, Barcelona, Spain
- [21] Univ Belgrade, Inst Phys, Belgrade, Serbia
Organization-Enhanced Name(s)
[University of Belgrade](#)
- [22] Univ Belgrade, Vinca Inst Nucl Sci, Belgrade, Serbia
Organization-Enhanced Name(s)
[University of Belgrade](#)
- + [23] Univ Bergen, Dept Phys & Technol, Bergen, Norway
- + [24] Univ Calif Berkeley, Lawrence Berkeley Natl Lab, Div Phys, Berkeley, CA 94720 USA
- + [25] Humboldt Univ, Dept Phys, Berlin, Germany
- + [26] Univ Bern, High Energy Phys Lab, Bern, Switzerland
- + [27] Univ Bern, Albert Einstein Ctr Fundamental Phys, Bern, Switzerland
- + [28] Univ Birmingham, Sch Phys & Astron, Birmingham, W Midlands, England
- + [29] Bogazici Univ, Dept Phys, Istanbul, Turkey
- + [30] Dogus Univ, Div Phys, Istanbul, Turkey
- + [31] Gaziantep Univ, Dept Phys Engr, Gaziantep, Turkey
- + [32] Istanbul Tech Univ, Dept Phys, TR-80626 Istanbul, Turkey
- + [33] Univ Bologna, Dipartimento Fis, Bologna, Italy



Monitor your international collaborations



What is the impact of your collaborations?

WITHOUT CONSISTENT METADATA NO RELIABLE ANALYSIS CAN BE CONDUCTED

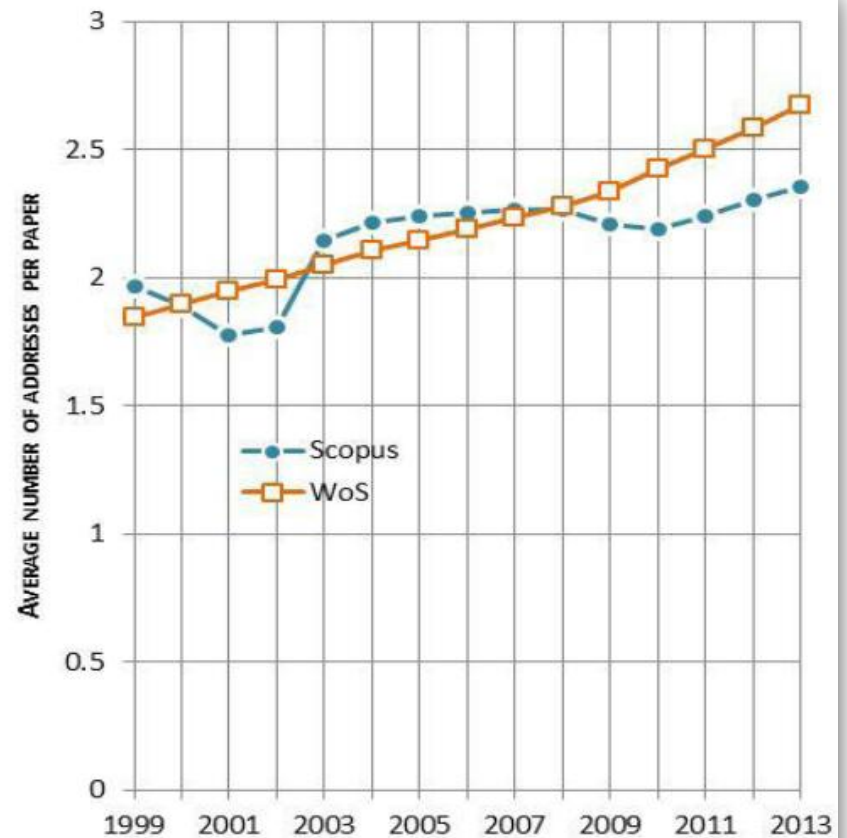
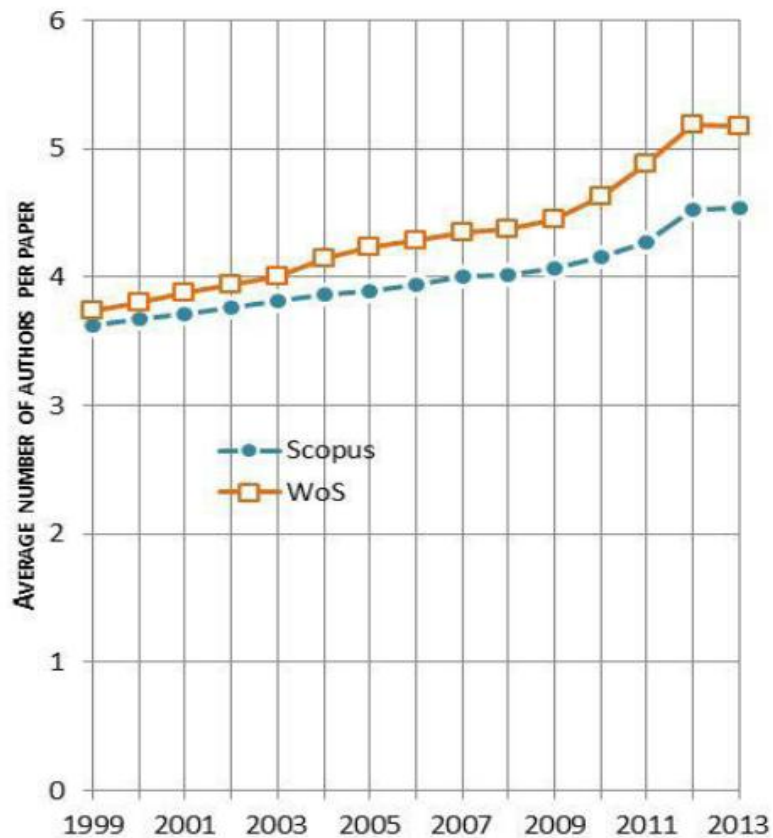


Figure 7 Number of authors and addresses per paper, WoS versus Scopus, 1999–2013

Source:

p.12, Science-Metrix: Bibliometrics and Patent Indicators for the Science and Engineering Indicators 2016

WHAT DO THE BIBLIOMETRIC EXPERTS THINK?

A BIBLIOMETRIC ANALYSIS ON WOS DATA & METADATA

Conclusions of the Bibliometrics and Patent Indicators for the Science and Engineering Indicators 2016 Report (p.33)

“The **quality of data recorded in the WoS** SCI and SSCI is generally **higher** than that in Scopus”

Notable variations in data quality between the two data sources include the following:

- While **the country is provided for all addresses in the WoS**, the country is **missing for about 10% of addresses in Scopus**
- The **city and postal code have been parsed in the WoS but not in Scopus**
- **Journal names and ISSN have been thoroughly standardized in the WoS, but only partially in Scopus**
- **Volume, issue and pages are more standardized in the WoS than in Scopus**
- **Scopus contains several documents for which the document type is incorrect** and that are erroneously counted as peer-reviewed papers

DIFFERENT LEVELS OF METADATA QUALITY

OPEN ACCESS JOURNALS

Electrochemical Behavior and antioxidant and prooxidant activity of natural phenolics

By: Simic, Aleksandra; Manojlovic, Dragan; Segan, Dejan; et al.
 MOLECULES Volume: 12 Issue: 10 Pages: 2327-2340 Published: OCT 2007

Times Cited: 123
 (from Web of Science Core Collection)

Full Text from Publisher

View Abstract

Usage Count ▾

Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC

By: Aad, G.; Abbott, B.; Abbott, R.; et al.
 Group Author(s): ATLAS Collaboration
 NEW JOURNAL OF PHYSICS Volume: 13 Issue: 3 Published: MAR 10 2011

Times Cited: 106

Open Access

- NO (61,693,964)
- YES (1,522,183)

OPEN ACCESS TITLES IN WOS CORE COLLECTION (1100+ TITLES)

Usage Count ▾

Biological properties of extracellular vesicles and their phy

By: Yanez-Mo, Maria; Siljander, Pia R. -M.; Andreu, Zoraida; et al.
 JOURNAL OF EXTRACELLULAR VESICLES Volume: 4 Article N

Full Text from Publisher

View Abstract

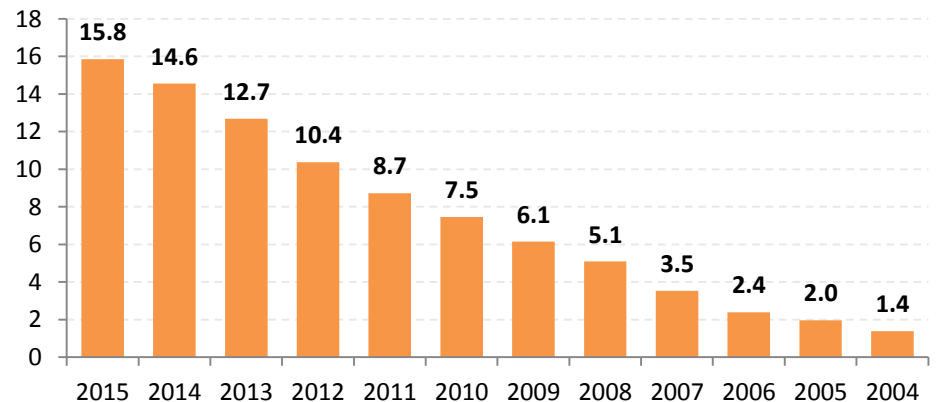
Chemical Composition of Essential Oils of Thymus and Me Activities

By: Sokovic, Marina D.; Vukojevic, Jelena; Marin, Petar D.; et al.
 MOLECULES Volume: 14 Issue: 1 Pages: 238-249 Published: J

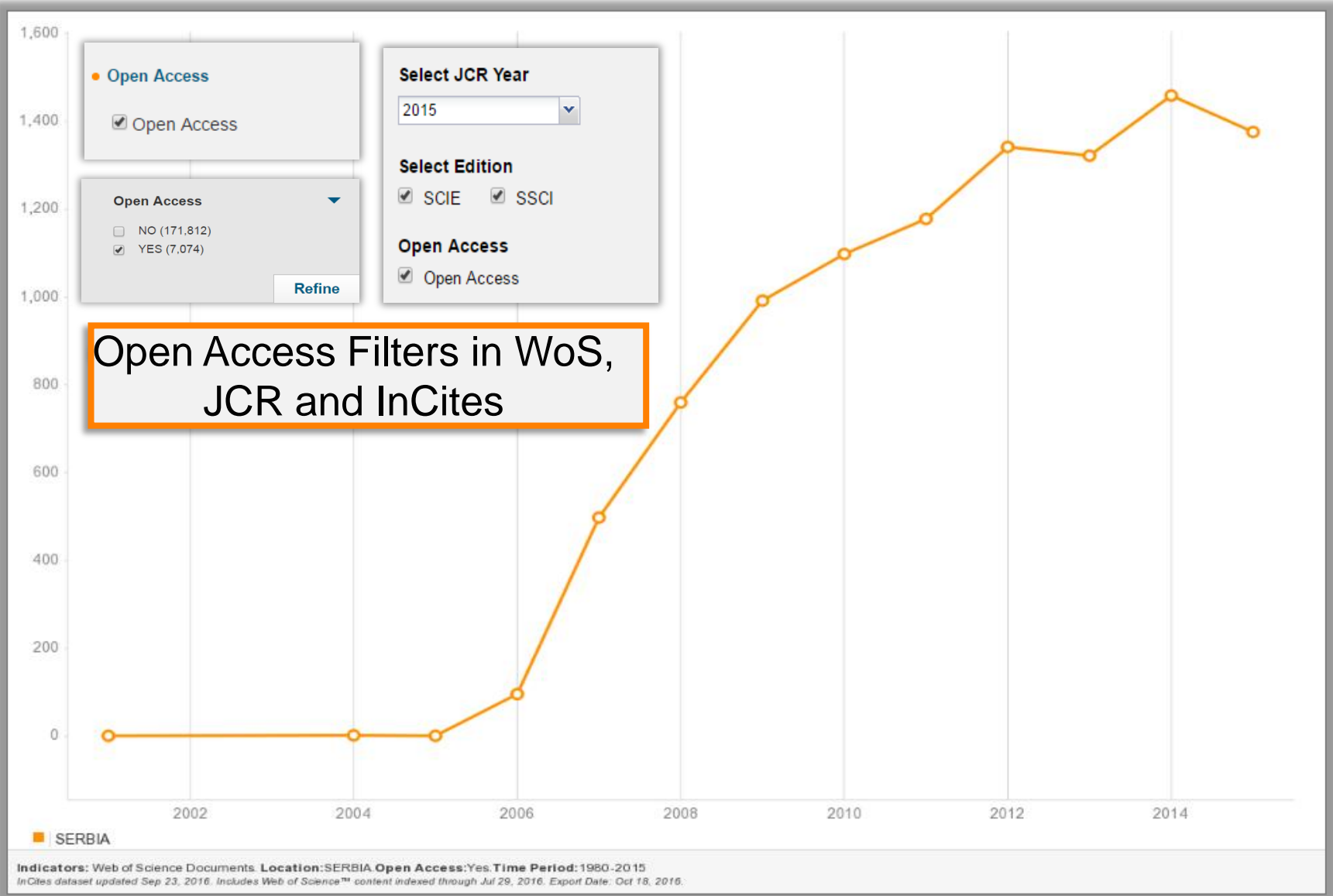
Full Text from Publisher

View Abstract

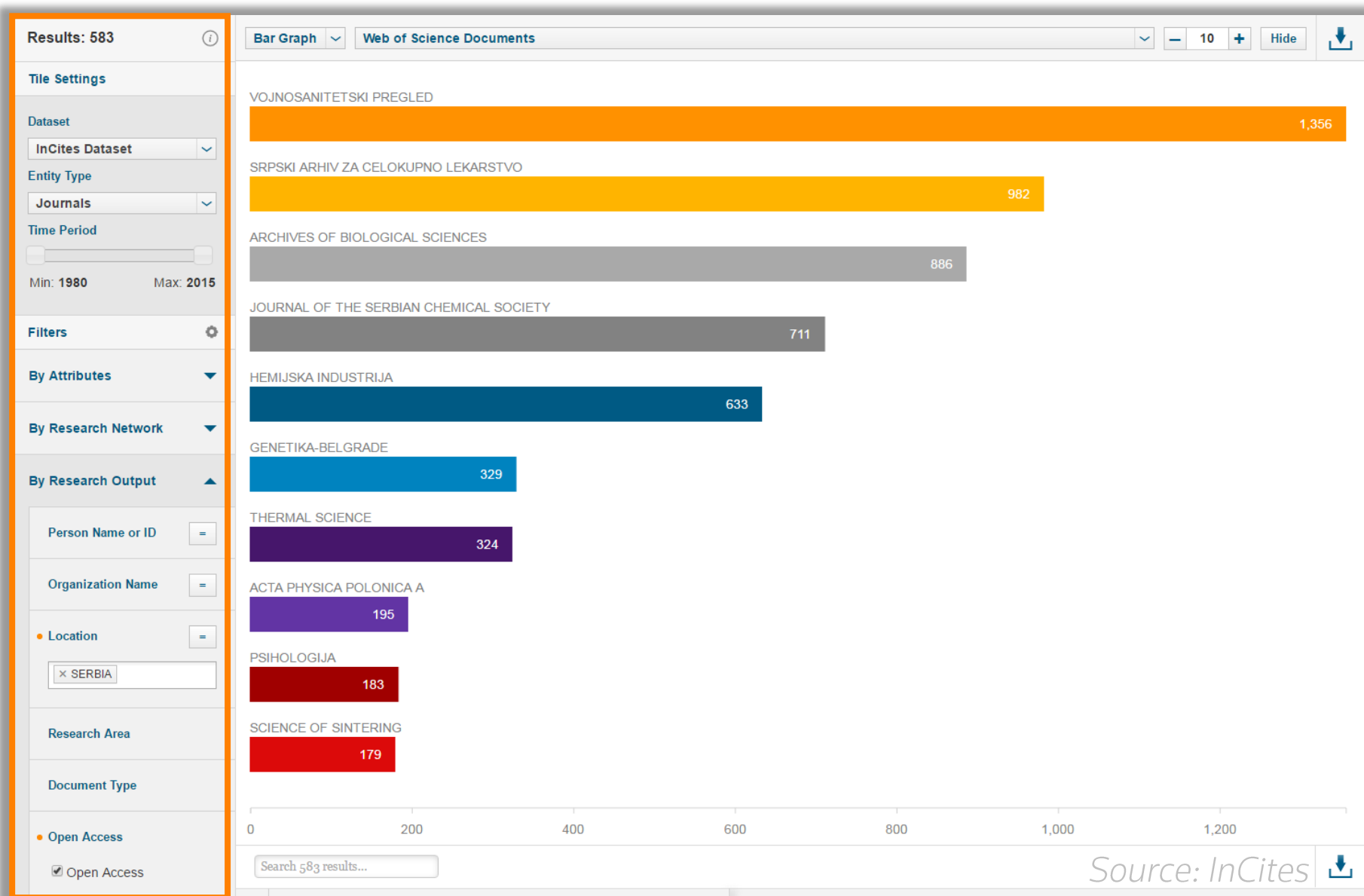
% of Growth in OA WoS Core Collection publications



OPEN ACCESS PRODUCTIVITY IN SERBIA



OPEN ACCESS JOURNALS SERBIAN RESEARCHERS HAVE PUBLISHED THE MOST 1980-2015



DIFFERENT LEVELS OF METADATA QUALITY

FUNDING ACKNOWLEDGEMENTS SINCE 2008

Funding

Funding Agency	Grant Number
Ministry of Education and Science of the Republic of Serbia	ON171017 NAD-BEC
DAAD - German Academic and Exchange Service	
European Commission under EU	
DST	
CSIR of India	
FAPESP	
CNPq of Brazil	

[View funding text](#)

CURRENTLY WORKING TOWARDS UNIFICATION OF FUNDERS

700 FUNDERS UNIFIED IN INCITES

(Ministry of Science and Technological Development Serbia, Ministry of Science Serbia, European Commission, NASA, HEFCE, NERC, RCUK, EPSRC, Wellcome Trust, Leverhulme Trust WHO, European Cooperation in Science and Technology (COST), Institute for the Promotion of Innovation by Science and Technology in Flanders (IWT), Deutsche Forschungsgemeinschaft, Research Council of Norway, Dutch Cancer Society, etc)

[Close funding text](#)

D.V., I.V., and A.B. acknowledge support by the Ministry of Education and Science of the Republic of Serbia under projects No. ON171017 and NAD-BEC, by DAAD - German Academic and Exchange Service under project NAD-BEC, and by the European Commission under EU FP7 projects PRACE-1IP, PRACE-2IP, HP-SEE, and EGI-InSPIRE. P.M. acknowledges support by DST and CSIR of India. S.K.A. acknowledges support by FAPESP and CNPq of Brazil.

DIFFERENT LEVELS OF METADATA QUALITY

FUNDING ACKNOWLEDGEMENTS SINCE 2008

Sources of funding for **University of Belgrade**: how do funded projects perform?

Name	Rank	▼ Web of Science Documents	Times Cited	% Docs Cited	Category Normalized Citation Impact	% Documents in Top 10%	Highly Cited Papers	% International Collaborations
Ministry of Science and Technological Development, Serbia	1	2,440	18,004	84.39%	0.68	5.49%	11	33.32%
Ministry of Science, Serbia	2	1,929	15,457	82.37%	0.69	5.7%	5	36.5%
National Science Foundation (NSF)	3	1,085	31,665	90.32%	3.31	37.33%	93	100%
German Research Foundation (DFG)	4	1,077	26,482	90.06%	2.9	35%	84	99.81%
United States Department of Energy (DOE)	5	1,077	31,091	90.71%	3.24	36.49%	88	99.44%

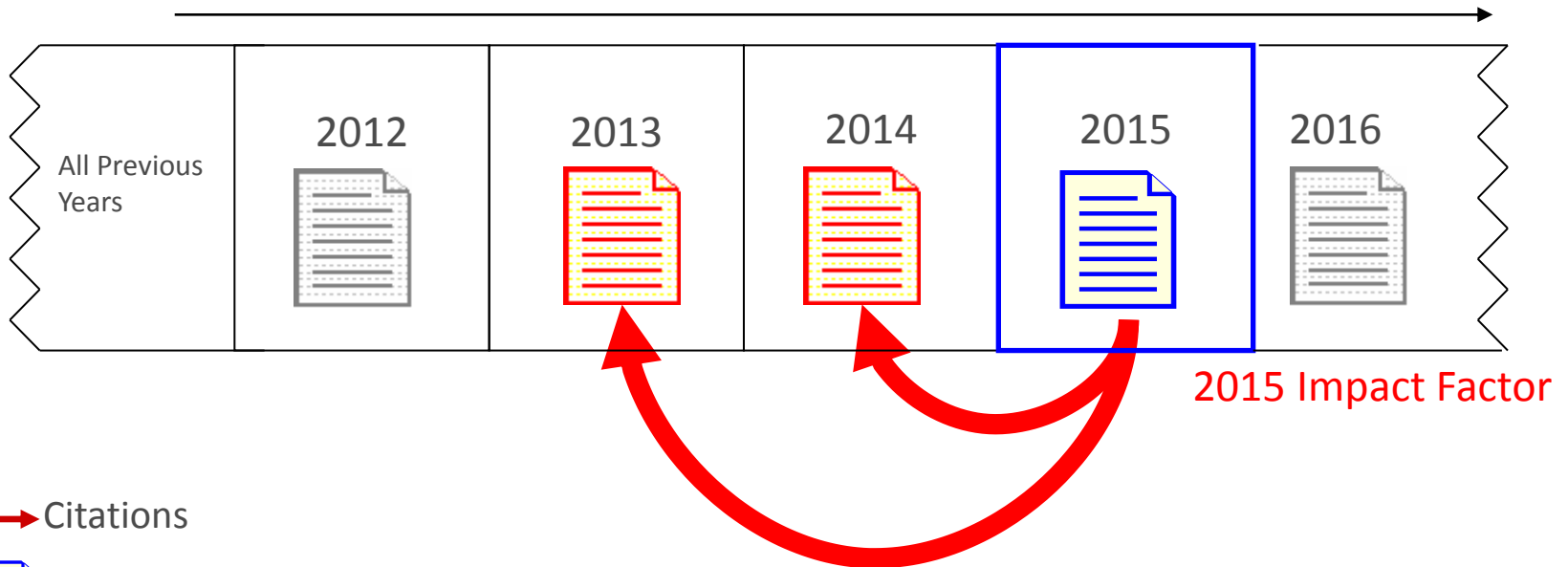
Which are the main funding bodies in the area of **Endocrinology & Metabolism**?

Name	Rank	▼ Web of Science Documents	Times Cited	% Docs Cited	Category Normalized Citation Impact	% Documents in Top 10%	Highly Cited Papers	% International Collaborations
National Institutes of Health (NIH) - USA	1	14,968	306,513	91.86%	1.51	18.26%	311	28.48%
National Natural Science Foundation of China	2	4,497	35,502	78.83%	0.92	8.43%	15	24.95%
Canadian Institutes of Health Research	3	2,632	43,710	89.74%	1.33	16.11%	40	36.78%
NIH National Institute of Diabetes & Digestive & Kidney Disea...	4	2,566	56,966	89.67%	1.76	20.5%	81	27.2%
Novo Nordisk	5	2,390	50,360	89%	1.77	19.92%	102	43.6%

THE JOURNAL IMPACT FACTOR


- The journal impact factor is a measure of the frequency with which the "average article" in a journal has been cited in a particular year.
- The impact factor will help you evaluate a journal's relative importance, especially when you compare it to others in the same field
- Ranking journals within the same field can help:
 - To spot new journals increasing their impact
 - To learn evolving contents of existing journals
- One common misuse of the IF is to evaluate papers, or people

INTRODUCTION TO THE IMPACT FACTOR RETROSPECTIVE ANALYSIS



2015 Impact Factor

→ Citations

 Source paper – published in 2015

 Cited reference – published in 2014 or 2013

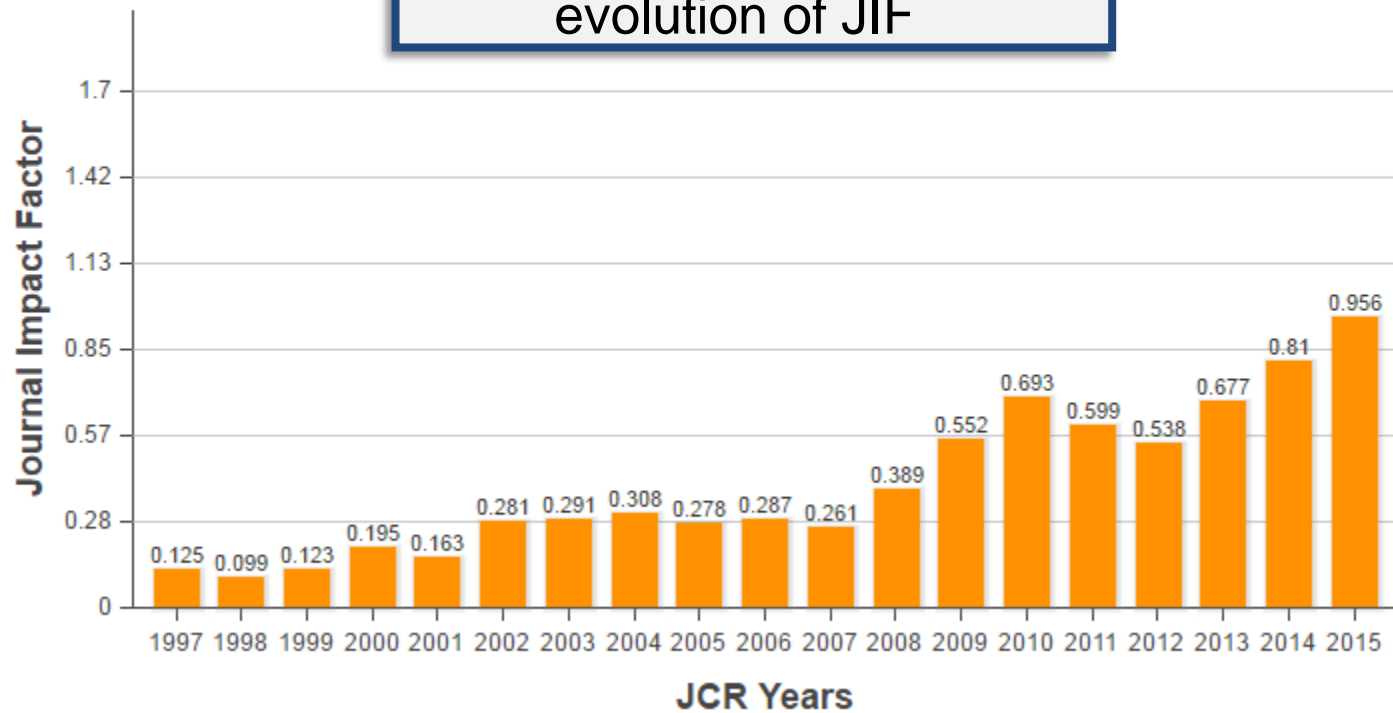
CALCULATING 2015 IMPACT FACTOR FOR A JOURNAL

Metric Trend

Data visualizations helping you to understand the evolution of JIF



[View Last 5 Years](#)



CALCULATING 2015 IMPACT FACTOR FOR A JOURNAL

Citable Documents for REVISTA DE CHIMIE

Document Type: **Articles And Reviews** 1 - 10 of 428

Articles And Reviews
Articles
Reviews

- 1 A Comparative Analysis of Acer platanoides and Acer pseudoplatanus Seed Oils**
By: Oprea, Eliza; Ancuceanu, Robert; Dociu, Niculina; Morosan, Elena; Hovanet, Marilena-Morica; Dinu, Mihaela
Source: REVISTA DE CHIMIE
Field: CHEMISTRY, MULTIDISCIPLINARY; ENGINEERING, CHEMICAL
Document Type(s): Article
- 2 A HPLC Method for the Determination of Bisoprolol in Tablets and its Application to a Bioequivalence Study**
By: Agoroaei, Luminita; Bibire, Nela; Panainte, Alina-Diana; Spac, Florin Adrian; Veriu, Madalina; Tantar, Gladiola; Apostu, Mihai
Source: REVISTA DE CHIMIE
Field: CHEMISTRY, MULTIDISCIPLINARY; ENGINEERING, CHEMICAL
Document Type(s): Article
- 3 A New Class 4-(Hydroxyaryl)-1,3-Dithiolium Chlorides**
By: Chirita, Paul; Sarbu, Laura Gabriela; Earar, Kamel; Hrib, Cristian George; Sandu, Ion; Lungu, Neculai
Source: REVISTA DE CHIMIE
Field: CHEMISTRY, MULTIDISCIPLINARY; ENGINEERING, CHEMICAL
Document Type(s): Article
- 4 A New High Performance Liquid Chromatographic Analysis Method for Ciprofloxacin**
By: Vlase, Aurel; Veriu, Madalina; Panainte, Alina Diana; Vlase, Cristina Victorina; Uncu, Livia; Agoroaei, Luminita; Bibire, Nela
Source: REVISTA DE CHIMIE
Field: CHEMISTRY, MULTIDISCIPLINARY; ENGINEERING, CHEMICAL
Document Type(s): Article

Full access to the document lists that are considered for the calculation of the JIF

BENCHMARKING JOURNALS IN A SPECIFIC CATEGORY

	Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor ▼
1	MULTIDISCIPLINARY SCIENCES	SCIE	55	2,079,971	0.786	5.882
2	CELL BIOLOGY	SCIE	185	1,784,263	3.333	5.815
3	CHEMISTRY, MULTIDISCIPLINARY	SCIE	148	2,195,260	1.401	5.222
4	CELL & TISSUE ENGINEERING	SCIE	18	76,359	3.535	4.940
5	NANOSCIENCE & NANOTECHNOLOGY	SCIE	73	799,992	1.768	4.902
6	NEUROIMAGING	SCIE	13	118,110	2.374	4.732
141	MANAGEMENT	SSCI	172	356,261	1.160	1.699
142	EDUCATION, SPECIAL	SSCI	37	26,278	1.013	1.694
142	PALEONTOLOGY	SCIE	48	77,218	1.168	1.694
144	ENGINEERING, CIVIL	SCIE	124	277,434	0.956	1.670
145	BUSINESS	SSCI	110	257,996	1.388	1.658

Journal rankings and comparisons are meaningful only within each category - not between categories or domains.

DISPARITIES IN CATEGORIES - 5 YEAR JIF

Citations accumulate slower for Social Sciences journals across time thus the 5 Year Impact Factor is often higher than its 2-Year counterpart

	Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor ▼	Immediacy Index
1	Annual Review of Psychology	14,292	19.085	24.025	5.848
2	TRENDS IN COGNITIVE SCIENCES	21,382	17.850	23.872	2.444
3	BEHAVIORAL AND BRAIN SCIENCES	7,873	20.415	23.842	1.700
4	PSYCHOLOGICAL BULLETIN	39,345	14.839	21.971	1.850
5	Nature Climate Change	9,526	17.184	19.257	4.287
6	Annual Review of Clinical Psychology	3,653	12.214	15.462	2.438
7	AMERICAN JOURNAL OF PSYCHIATRY	41,752	13.505	15.298	3.402
8	World Psychiatry	2,410	20.205	15.214	5.143
9	Lancet Global Health	1,379	14.722	14.833	5.228
10	JAMA Psychiatry	4,034	14.417	14.441	3.720

DISPARITIES IN CATEGORIES – 2 YEAR JIF

	Full Journal Title	Total Cites	Journal Impact Factor ▼	5 Year Impact Factor	Immediacy Index
1	CA-A CANCER JOURNAL FOR CLINICIANS	20,488	137.578	145.020	46.423
2	NEW ENGLAND JOURNAL OF MEDICINE	283,525	59.558	56.170	20.012
3	LANCET	195,553	44.002	46.119	13.210
4	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	129,909	37.684	33.569	9.497
5	NATURE REVIEWS CANCER	41,846			
6	LANCET ONCOLOGY	30,800			
7	JOURNAL OF CLINICAL ONCOLOGY	141,362	20.982	18.021	6.854

The picture is different for the 'Clinical Medicine' category where we can see a shorter citation lag

DISPARITIES IN CATEGORIES

Web of Science™ InCites™ Journal Citation Reports®
Help English ▾

WEB OF SCIENCE™

Search

Results: 10,279
(from Web of Science Core Collection)

You searched for: **PUBLICATION NAME:** (applied surface science)
[...More](#)

[Create Alert](#)

Refine Results

Web of Science Categories ▾

- PHYSICS CONDENSED MATTER (10,279)
- PHYSICS APPLIED (10,279)
- MATERIALS SCIENCE COATINGS FILMS (10,279)
- CHEMISTRY PHYSICAL (10,279)

APPLIED SURFACE SCIENCE

×

Impact Factor
3.15 **2.982**
2015 5 year

JCR® Category	Rank in Category	Quartile in Category
CHEMISTRY, PHYSICAL	49 of 144	Q2
MATERIALS SCIENCE, COATINGS & FILMS	1 of 18	Q1
PHYSICS, APPLIED	27 of 145	Q1
PHYSICS, CONDENSED MATTER	17 of 67	Q2

Data from the 2015 edition of Journal Citation Reports®

Publisher
ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS

ISSN: 0169-4332

Research Domain
Chemistry
Materials Science
Physics

Close Window

Sort by:

Select P

1.

2.

Deposition and element fractionation processes during atmospheric pressure laser sampling for analysis by ICP-MS

By: Eggins, SM; Kinsley, LPJ; Shelley, JMG
Conference: 4th International Conference on Laser Ablation (COLA 97)
Location: MONTEREY BAY, CA Date: JUL 21-25, 1997
APPLIED SURFACE SCIENCE Volume: 127 Pages: 278-286 Published: MAY 1998

Times Cited: 411
(from Web of Science Core Collection)

Usage Count ▾

Marked List

of 1,028 ▶

[Analyze Results](#)
not available. [?]

412
Science Core

DISPARITIES IN CATEGORIES – CATEGORY RANKINGS, JIF QUARTILES & PERCENTILES

JCR Impact Factor						
JCR Year ▼	CHEMISTRY, PHYSICAL			MATERIALS SCIENCE, COATINGS & FILMS		
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile
2015	49/144	Q2	66.319	1/18	Q1	97.222
2014	51/139	Q2	63.669	2/17	Q1	91.176
2013	56/136	Q2	59.191	2/18	Q1	91.667
2012	69/135	Q3	49.259	2/17	Q1	91.176
2011	66/134	Q2	51.119	2/18	Q1	91.667
2010	75/127	Q3	41.339	7/18	Q2	63.889
2009	73/121	Q3	40.083	6/17	Q2	67.647
2008	67/113	Q3	41.150	4/16	Q1	78.125
2007	67/111	Q3	40.090	6/18	Q2	69.444
2006	65/108	Q3	40.278	6/16	Q2	65.625
2005	71/111	Q3	36.486	7/19	Q2	65.789
2004	58/108	Q3	46.759	5/19	Q2	76.316
2003	56/101	Q3	45.050	6/16	Q2	65.625
2002	53/95	Q3	44.737	4/17	Q1	79.412
2001	58/93	Q3	38.172	5/16	Q2	71.875

Journal rankings and comparisons are meaningful only within each category - not between categories or domains.

GOING BEYOND THE JOURNAL IMPACT FACTOR

ARTICLE LEVEL METRICS

Web of Science Documents

Documents Per Page

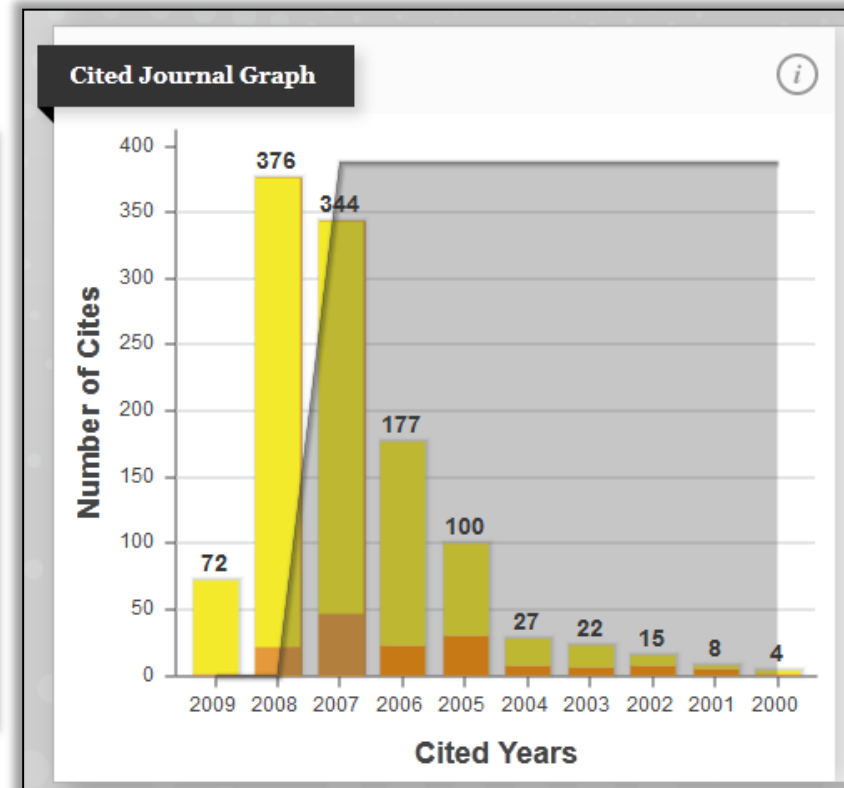
Article Title	Authors	Source	Volume	Issue	Pages	Publication Date	Times Cited	Journal Expected Citations	Category Expected Citations	Journal Normalized Citation Impact	Category Normalized Citation Impact	Percentile in Subject Area
Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC	Aad, G.; Abajyan, T.; Abbott, B.; Abdallah, J.; Khalek, S. Abdel	PHYSICS LETTERS B	716	1	1-29	2012	3,462	26.23	12.72	132	272.23	0.01
Erlotinib in previously treated non-small-cell lung cancer	Shepherd, FA; Pereira, JR; Ciuleanu, T; Tan, EH; Hirsh, V	NEW ENGLAND JOURNAL OF MEDICINE	353	2	123-132	2005	3,298	495.07	43.67	6.66	75.52	0.02
Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC	Chatrchyan, S.; Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; Adam, W.	PHYSICS LETTERS B	716	1	30-61	2012	3,286	26.23	12.72	125.29	258.39	0.01
Planck 2013 results. XVI. Cosmological parameters	Ade, P. A. R.; Aghanim, N.; Armitage-Caplan, C.; Arnaud, M.; Ashdown, M.	ASTRONOMY & ASTROPHYSICS	571	n/a	n/a	2014	3,149	11.4	7.54	276.23	417.53	0.01

Source: InCites

SELF CITATIONS

- REV BRAS FARMACOGN: Regional coverage Expansion
- Regional coverage Expansion
- First Journal Impact Factor in 2009 was 3.462

Year ▼	Total Cites Graph	Journal Impact Factor Graph	Impact Factor Without Journal Self Cites Graph	5 Year Impact Factor Graph	Immediacy Index Graph
2014	1,057	0.834	0.806	0.807	0.029
2013	966	0.796	0.689	0.865	0.041
2012	822	0.676	0.509	0.886	0.098
2009	1,163	3.462	0.326	Not A...	0.576

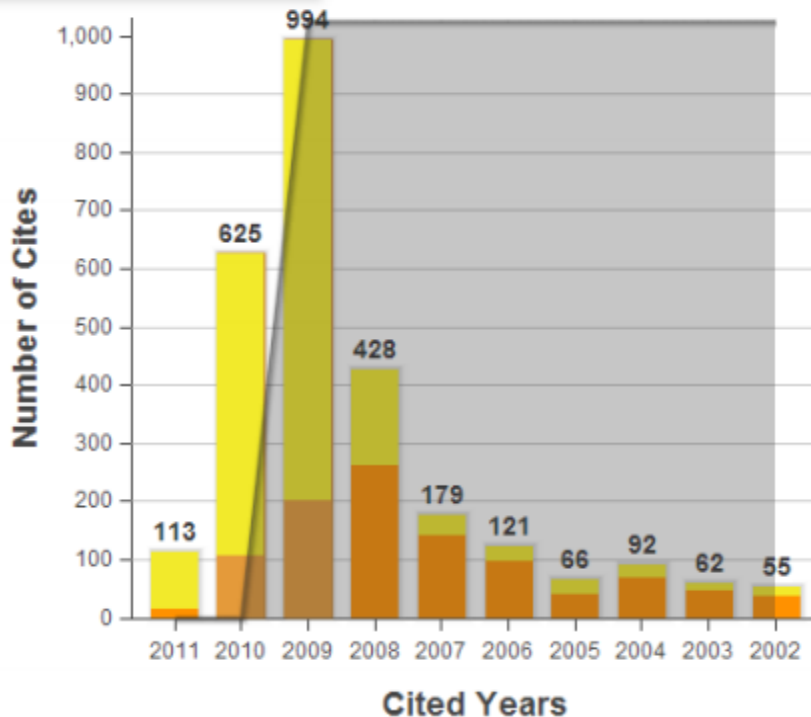


Journal was suppressed from 2010 & 2011 JCR

Journal Self-Citation

Suppression of individual journals

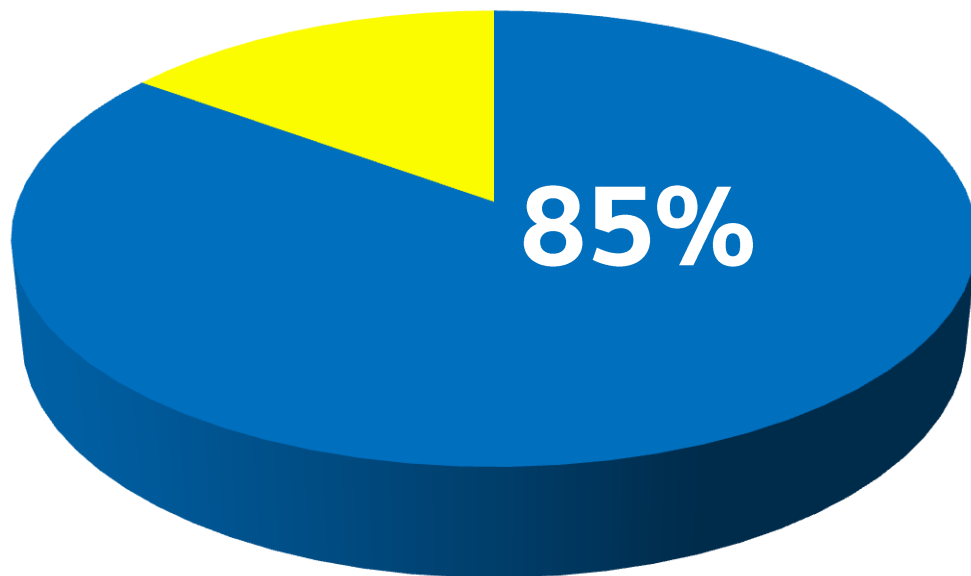
What the suppressed Journal metrics would look like



Total Cites	2790	Self Cites	1717 (61% of 2790)
Cites to Years Used in Impact Factor Calculation	1619	Self Cites to Years Used in Impact Factor Calculation	1308 (80% of 1619)
Impact Factor	10.722	Impact Factor without Self Cites	2.060

- **Data considered:**
 - Total citations (TC)
 - Journal Impact Factor (JIF)
 - Rank in category
 - % of journal self-citations in Journal Impact Factor numerator
 - Proportional increase in Journal Impact Factor with/without journal self-citations
 - Effect of journal self-citations on rank in category by Journal Impact Factor
- **Journals in bottom 10% ranking by TC and/or by JIF are not suppressed**
- **Suppressed journals represent extreme outliers in citation behavior**
- **Science Edition and Social Sciences Edition are analyzed separately**
- **Journals are suppressed for one year, and re-evaluated with the next year's data.**

— SELF CITATIONS



Most journals have self-citation rates of less than or equal to **15%**

Source: *JCR Science Edition* (2010)

- Excessive self-citation weakens the integrity of the journal's Impact Factor
- Journals with excessive self-citation may be suppressed from Journal Citation Reports until the problem is corrected

More information on journal suppression is available at: <http://wokinfo.com/media/pdf/jcr-suppression.pdf>

— SPECIAL CASE: MUTUAL CITATIONS

CELL TRANSPLANTATION

ISSN: 0963-6897

COGNIZANT COMMUNICATION CORP

3 HARTSDALE ROAD, ELMSFORD, NY 10523-3701

USA

Journal self-citations are concentrated in Journal Impact Factor years

High-value citation partners show extreme concentration

Cited Journal Data

Impact	Citing Journal	All Yrs	2010	2009	2008	2007	2008	2007	2006	2005	2004	2003	2002	2001	Rest
1	ALL Journals	3,711	95	777	805	331	805	331	277	172	208	186	153	95	612
2	ALL OTHERS (360)	360	5	32	52	38	52	38	40	24	24	27	15	15	88
3	6.204 CELL TRANSPLANT	718	49	250	234	58	234	58	33	16	19	13	8	8	30
4	1.699 MED SCI MONITOR	445	0	226	219	0	219	0	0	0	0	0	0	0	0
5	1.524 THESCIENTIFICWORLDJO	96	0	96	0	0	0	0	0	0	0	0	0	0	0
6	4.636 TISSUE ENG	96	1	7	7	7	7	7	13	3	10	8	9	4	27
7	7.883 BIOMATERIALS	77	0	9	15	7	15	7	3	6	12	1	3	1	20
8	0.993 TRANSP L	67	4	15	13	4	13	4	7	3	1	6	5	2	7
9	3.676 TRANSPLANTATION	57	2	4	7	1	7	1	4	3	6	3	6	1	20
10	1.379 ADV EXP MED BIOL	46	0	1	8	2	8	2	6	1	3	3	2	3	17
11	4.791 STEM CELLS DEV	42	0	6	8	7	8	7	4	1	5	5	0	1	5
12	3.044 J BIOMED MATER RES A	41	0	0	6	1	6	1	2	3	4	1	6	3	15
13	METHOD MOL BIOL	34	0	0	2	3	2	3	7	3	5	8	1	1	4
14	13.577 ADV DRUG DELIVER REV	31	1	3	4	4	4	4	2	4	3	0	4	0	6
15	2.925 CYTOTHERAPY	30	0	2	6	7	6	7	3	1	2	2	4	0	3

SPECIAL CASE: MUTUAL CITATIONS

Stem cells have the potential to rejuvenate regenerative medicine research

By: Eve, DJ (Eve, David J.)^[1]; Fillmore, RW (Fillmore, Randolph W.)^[1]; Borlongan, CV (Borlongan, Cesar V.)^[1]; Sanberg, PR (Sanberg, Paul R.)^[1]

MEDICAL SCIENCE MONITOR

Volume: 16 Issue: 10 Pages: RA197-RA217

Published: 2010

[View Journal Information](#)

Citation Network

9 Times Cited

490 Cited References

[View Related Records](#)

[View Citation Map](#)

[Create Citation Alert](#)

(data from Web of Science™ Core Collection)

490 Cited References

Field: Source Titles	Record Count	% of 476	Bar Chart
CELL TRANSPLANTATION	434	91.176 %	<div style="width: 91.176%;"></div>
MEDICAL SCIENCE MONITOR	41	8.613 %	<div style="width: 8.613%;"></div>
FOOD SCIENCE AND BIOTECHNOLOGY	1	0.210 %	<div style="width: 0.210%;"></div>

Field: Source Titles	Record Count	% of 476	Bar Chart
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WEB OF SCIENCE **INTEGRATION** WITH JOURNAL HIGHLY CITED DATA

Web of Science™ InCites™ **Journal Citation Reports®** Essential Science Indicators™ EndNote™

Metal organic framework based mixed matrix membranes: An increasingly important field of research with a large application potential

By: Zornoza, Beatriz; Tellez, Carlos; Coronas, Joaquin; et al.
Conference: 5th International Conference of the Federation-of-European-Zeolite-Associations (FEZA) Location: Valencia, SPAIN Date: JUL 03-07 2011

Sponsor(s): Federat European Zeolite Assoc (FEZA); Spanish Zeolite Grp
MICROPOROUS AND MESOPOROUS MATERIALS Volume: 166 Special Issue: SI Pages: 67-78 Published: JAN 15 2013

Times Cited: 82
(from Web of Science Core Collection)

 Highly Cited Paper

 Full Text from Publisher 

Times Cited: 81
(from Web of Science Core Collection)

 Hot Paper

 Highly Cited Paper

MICROPOROUS AND MESOPOROUS MATERIALS

Impact Factor
3.349 **3.455**
2015 5 year

Contextualizing the
Journal Impact Factor in
the Web of Science

JCR® Category	Rank in Category	Quartile in Category
CHEMISTRY, APPLIED	10 of 72	Q1
CHEMISTRY, PHYSICAL	45 of 144	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	56 of 271	Q1
NANOSCIENCE & NANOTECHNOLOGY	31 of 83	Q2

Data from the 2015 edition of Journal Citation Reports®

JCR Year	CHEMISTRY, APPLIED			CHEMISTRY, PHYSICAL			NANO...
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	
2014	7/70	Q1	90.714	40/139	Q2	71.583	
2013	10/71	Q1	86.620	43/136	Q2	68.750	
2012	8/71	Q1	89.437	41/135	Q2	70.000	
2011	8/71	Q1	89.437	40/134	Q2	70.522	
2010	5/70	Q1	93.571	38/127	Q2	70.472	
2009	8/64	Q1	88.281	41/121	Q2	66.529	
2008	9/61	Q1	86.066	38/113	Q2	66.814	
2007	12/62	Q1	81.452	40/111	Q2	64.414	
2006	3/58	Q1	95.690	29/108	Q2	73.611	
2005	3/59	Q1	95.763	23/111	Q1	79.730	
2004	8/58	Q1	87.069	40/108	Q2	63.426	
2003	3/57	Q1	95.614	26/101	Q2	74.752	
2002	5/59	Q1	92.373	30/95	Q2	68.947	
2001	3/58	Q1	95.690	23/93	Q1	75.806	
2000	7/55	Q1	88.182	28/91	Q2	69.780	

WEB OF SCIENCE INTEGRATION WITH JOURNAL HIGHLY CITED DATA

Discover Highly Cited & Hot Papers in Web of Science

Web of Science™ InCites™ Journal Citation Reports® Essential Science Indicators™ EndNote™ Evangelia Help English

WEB OF SCIENCE™ THOMSON REUTERS™

Search My Tools Search History Marked List

Results: 4,630 (from Web of Science Core Collection)

You searched for: TOPIC: ("Functional metal organic framework" OR "MOF") AND YEAR PUBLISHED: (2013-2014)

Timespan: 1900-2015. Indexes: SCI-EXPANDED, SSCI, A&HCI, CPCL-S, CPCI-SSH, BKCI-S, BKCI-SSH, CCR-EXPANDED, IC. ...Less

Create Alert

Sort by: Times Cited -- highest to lowest

Page 1 of 463

1. **The Chemistry and Applications of Metal-Organic Frameworks**
By: Furukawa, Hiroyasu; Cordova, Kyle E.; O'Keeffe, Michael; et al.
SCIENCE Volume: 341 Issue: 6149 Pages: 974+ Published: AUG 30 2013

2. **Luminescent metal-organic frameworks for chemical sensing and explosive detection**
By: Hu, Zhichao; Deibert, Benjamin J.; Li, Jing
CHEMICAL SOCIETY REVIEWS Volume: 43 Issue: 16 Pages: 5815-5840 Published: AUG 21 2014

3. **Metal-organic frameworks as platforms for clean energy**
By: Li, Shun-Li; Xu, Qiang
ENERGY & ENVIRONMENTAL SCIENCE Volume: 6 Issue: 6 Pages: 1656-1683 Published: JUN 2013

4. ...

5. ...

6. ...

Refine Results

Search within results for...

Web of Science Categories

Document Types

ESI Top Papers

Highly Cited Papers (190)

Hot Papers (23)

Open Access

NO (4,321)

YES (309)

For advanced refine options, use Analyze Results

Analyze Results

Create Citation Report

Times Cited: 441 (from Web of Science Core Collection)

Hot Paper

Highly Cited Paper

Times Cited: 146 (from Web of Science Core Collection)

Hot Paper

Highly Cited Paper

Times Cited: 133 (from Web of Science Core Collection)

Hot Paper

Top Papers by Research Field

Results List

Research Fields

Filter Results By

Include Results For

Top Papers

Map View by Top / Hot / Highly Cited Papers

Hide Visualization

Report View by Selection

Total: 22	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	CLINICAL MEDICINE	2,256,253	27,107,932	12.01	21,982
2	CHEMISTRY	1,400,120	16,958,998	12.11	13,913
3	PHYSICS	1,069,386	10,758,072	10.06	10,543
4	BIOLOGY & BIOCHEMISTRY	630,634	9,812,712	15.56	6,236
5	MOLECULAR BIOLOGY & GENETICS	372,293	8,818,910	23.69	3,729

This hot paper was published in the past two years and received enough citations in January/February 2015 to place it in the top 0.1% of papers in the academic field of Chemistry.

Data from Essential Science Indicators™

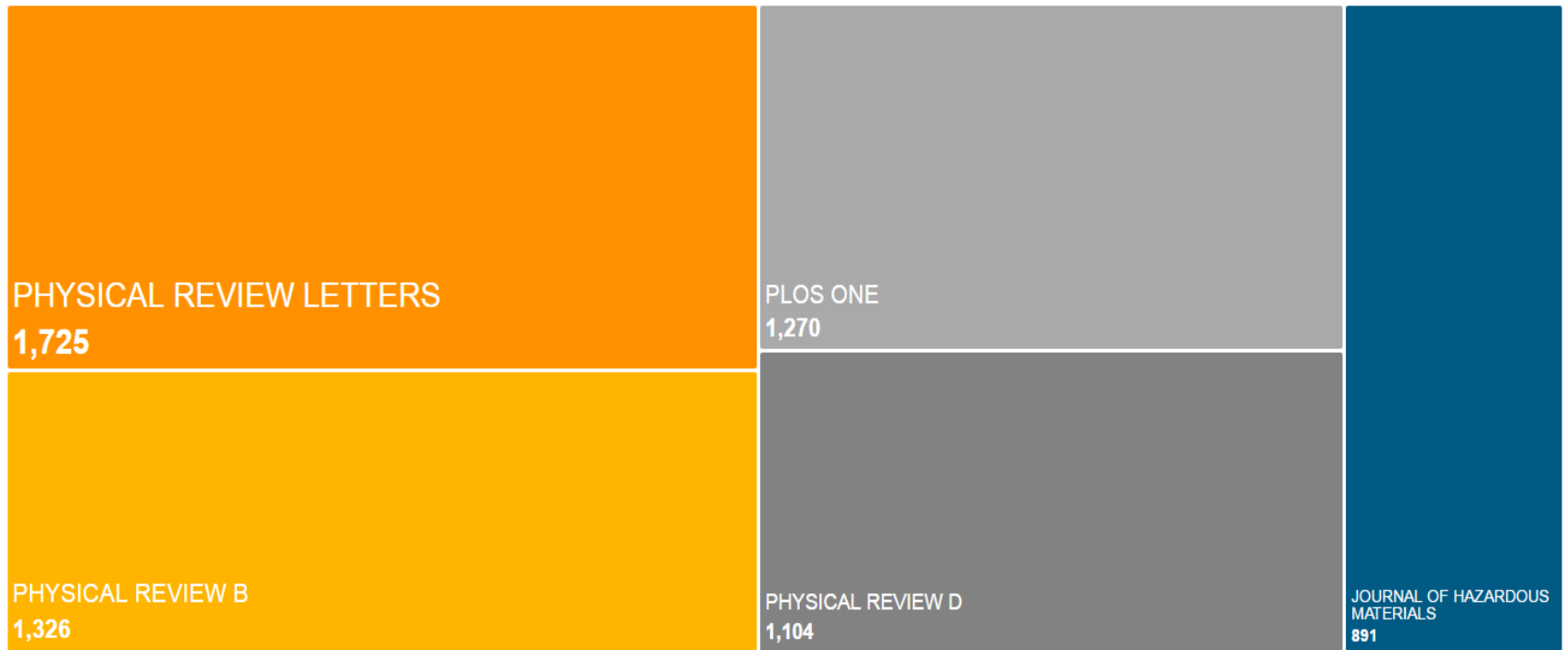
As of January/February 2015, this highly cited paper received enough citations to place it in the top 1% of the academic field of Chemistry based on a highly cited threshold for the field and publication year.

Data from Essential Science Indicators™

INSTITUTIONAL JOURNAL ANALYSIS

LOCAL JOURNAL UTILIZATION REPORT

Which journals are University of Belgrade authors citing? Cited Journals by Web of Science Documents and publication year of source document



Source: InCites

INSTITUTIONAL JOURNAL ANALYSIS

LOCAL JOURNAL UTILIZATION REPORT

Which journals are citing University of Belgrade authors? Citing Journals by Web of Science Documents and publication year of source document



PHYSICAL REVIEW D

3,035

JOURNAL OF HIGH ENERGY PHYSICS

2,224

PLOS ONE

1,484

PHYSICS LETTERS B

946

PHYSICAL REVIEW B

802

0 500 1,000 1,500 2,000 2,500 3,000

Source: InCites

— WHY ENDNOTE: STRONG LINKS WITH WEB OF SCIENCE

The screenshot shows the Web of Science search results page. The search results are sorted by 'Publication Date -- newest to oldest'. There are three results displayed. The third result, 'Lateral bud and shoot removal affects leader growth in Abies nordmanniana', is highlighted with an orange box. The 'Save to EndNote des...' button for this result is also circled in orange. The page includes navigation options like 'Select Page', 'Full Text from Publisher', and 'View Abstract' for each result. On the right side, there are options to 'Analyze Results' and 'Create Citation Report'.

Web of Science [v.5.21] - V X

apps.webofknowledge.com/Search.do?product=WOS&SID=T1PPbndkSmZ5YTOFOJq&search_mode=GeneralSearch&prID=58b9fb71-541c-4175-b48f-ad57b28da4

Web of Science™ InCites™ Journal Citation Reports® Essential Science Indicators™ EndNote™ Bob Help English

WEB OF SCIENCE™ THOMSON REUTERS™

Search My Tools Search History Marked List

Results: 3
(from Web of Science Core Collection)

You searched for: TITLE: ("lateral bud") ...More

Create Alert

Sort by: Publication Date -- newest to oldest

Page 1 of 1

Select Page Save to EndNote des... Add to Marked List

1. Spatial and temporal changes in cytokinin hormone groups during lateral bud release shortly following apex decapitation of chickpea (*Cicer arietinum*) seedlings
By: Mader, JC; Emery, RJN; Turnbull, CGN
PHYSIOLOGIA PLANTARUM Volume: 119 Issue: 2 Pages: 295-308 Published: OCT 2003
Full Text from Publisher View Abstract

2. Transport and metabolism of xylem cytokinins during lateral bud release in decapitated chickpea (*Cicer arietinum*) seedlings
By: Mader, JC; Turnbull, CGN; Emery, RJN
PHYSIOLOGIA PLANTARUM Volume: 117 Issue: 1 Pages: 118-129 Published: JAN 2003
Full Text from Publisher View Abstract

3. Lateral bud and shoot removal affects leader growth in *Abies nordmanniana*
By: Rasmussen, HN; Soerensen, S; Andersen, L
SCANDINAVIAN JOURNAL OF FOREST RESEARCH Volume: 18 Issue: 2 Pages: 127-132 Published: 2003
Full Text from Publisher View Abstract

Analyze Results
Create Citation Report

Times Cited: 16
(from Web of Science Core Collection)
Usage Count

Times Cited: 17
(from Web of Science Core Collection)
Usage Count

Times Cited: 5
(from Web of Science Core Collection)
Usage Count

Refine Results

Search within results for...

Web of Science Categories

- PLANT SCIENCES (2)
- FORESTRY (1)

more options / values... Refine

Document Types

- ARTICLE (3)

— MANUSCRIPT MATCH: TARGET THE RIGHT JOURNAL

The screenshot displays the EndNote Match web application interface. At the top, the navigation bar includes 'Web of Science™', 'ResearcherID', 'Welcome TR', and 'Help'. The main header features the 'ENDNOTE™' logo and the 'THOMSON REUTERS®' logo. Below the header is a menu with options: 'My References', 'Collect', 'Organize', 'Format', 'Match **NEW**', 'Options', and 'Connect^{BR2}'. A secondary menu below contains 'Password', 'E-mail Address', 'Profile Information', 'Language', 'Download Installers', and 'Account Information'. The 'Match' button is circled in orange.

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This paper presents a study of the residual strength of *Pinus sylvestris*, which has been subject to attack by the furniture beetle (*Anobium punctatum*). It is relatively easy to stop the infestation, but difficult to assess the structural soundness of the remaining timber. Removal and replacement of affected structural elements is usually difficult and

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M. Chew, E. V. Villanueva, and M. B. Van Der Weyden, *Journal of the Royal Society of Medicine* 100 (3), 142 (2007).

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