

Web of Science
Unlock the full potential of research discovery

Hungarian Academy of Sciences, 28th April 2016

Dr. Klementyna Karlińska-Batres
Customer Education Specialist



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Agenda

- Research Discovery
- Research Analysis
- Identification
 - Institution
 - Author
- Research Measuring
- Writing a paper

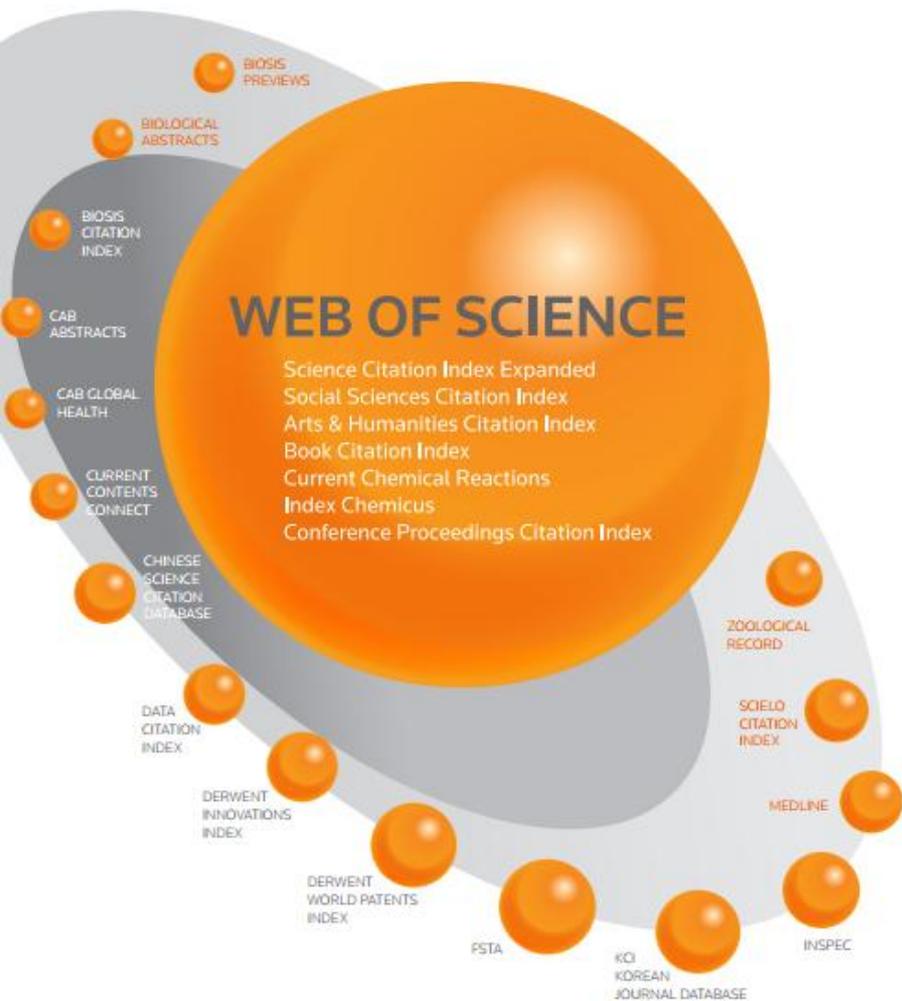


Research Discovery



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Web of Science



**100
countries**

**7,000
institutions**

**18,700+
journals**

**54 million
records**

**1 billion
searchable
cited references**

Web of Science *Core Collection*

WEB OF SCIENCE

Science Citation Index Expanded
Social Sciences Citation Index
Arts & Humanities Citation Index
Book Citation Index
Current Chemical Reactions
Index Chemicus
Conference Proceedings Citation Index

12,700 + 2,500
journals

12,000
proceedings

66,000
books

Multidisciplinary

International

Influential



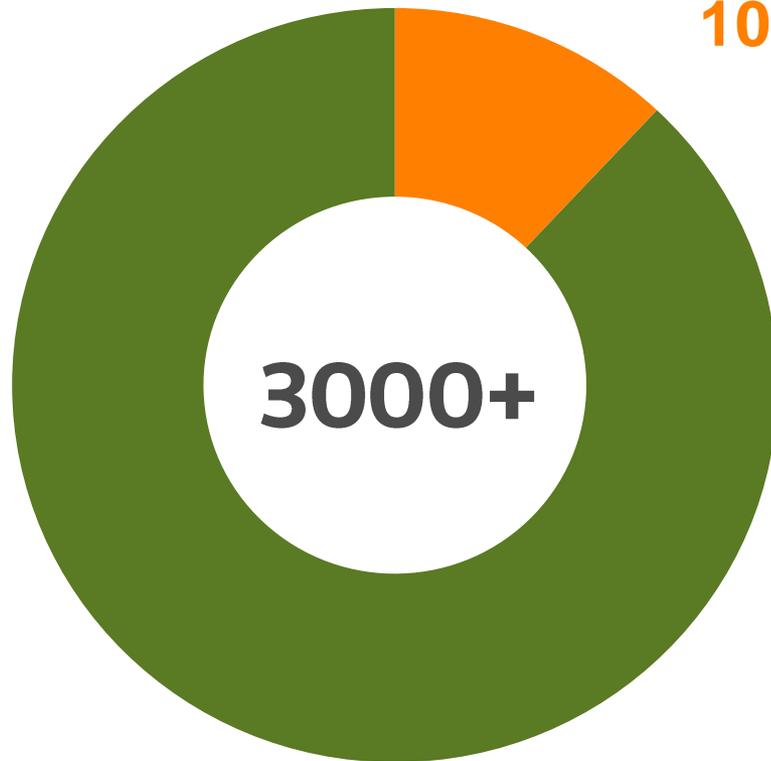
How do we decide which journals to index?

3000+

- Thomson Reuters editors
 - Information professionals
 - Librarians
 - Experts in the literature of their subject area



How do we decide which journals to index?



10 ~ 12% accepted

- Thomson Reuters editors
 - Information professionals
 - Librarians
 - Experts in the literature of their subject area



Journal selection criteria

Journal Publishing Standards

- Peer review
- Ethical publishing practices
- Meets technical requirements (XML / PDF)
- Metadata in English
- Timeliness of publication
- International editorial conventions

Editorial Content

- Has a scholarly audience searched / requested this content?
- How does this journal compare with covered journals of similar scope?
- Is this subject already well covered?
- Will this journal enrich WoS with novel content?

International Focus

- Does this journal target an international audience or specifically a regional audience?
- Is international representation among authors and board members at an appropriate level for such a journal?

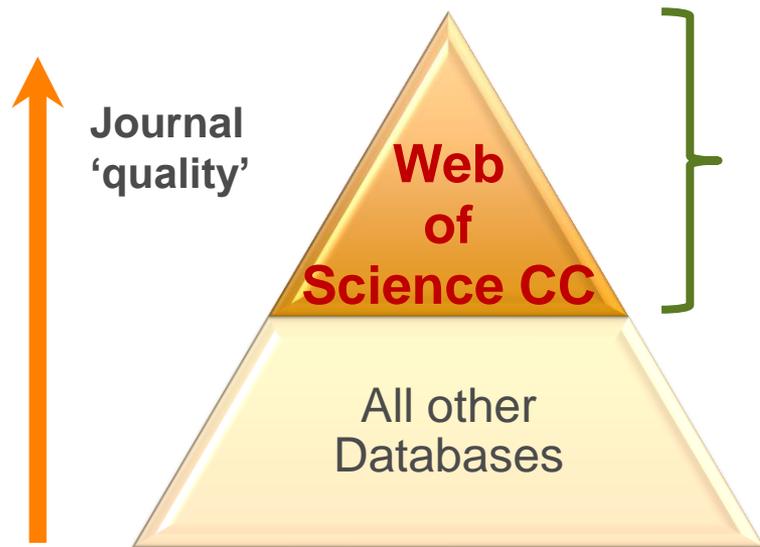
Citation Analysis

- Total citations
- Recent citation activity
- Author and editorial board members' citations in the literature
- Integration of the journal into the literature over time

Red = ESCI minimum requirements

Journals in Web of Science Core Collection

A continuous process of **evaluation** and **control** of existing journals



- High Quality Journals
 - Consistent and standardised indexing of bibliographic data
- high quality metadata for analytical purposes (JCR, ESI, InCites)

Indexing consistency is the key to validity

- Consistent indexing for complete analysis
 - Cover-to-cover indexing
 - All author names
 - All author addresses (affiliations)



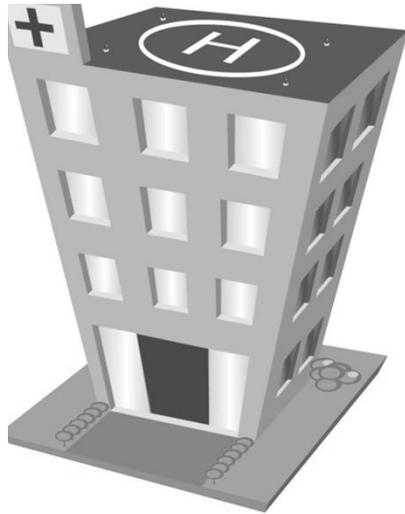


Identification

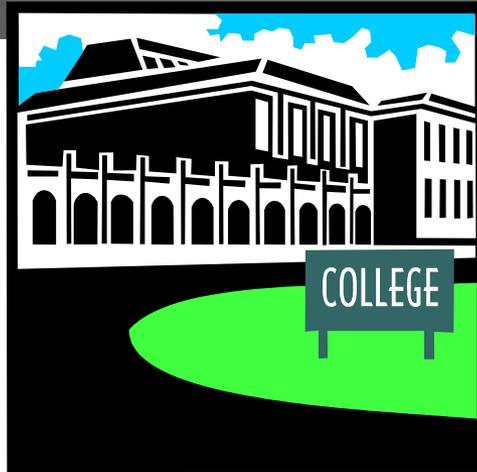


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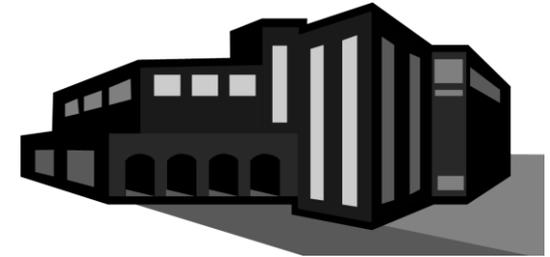
Institutions



Medical School

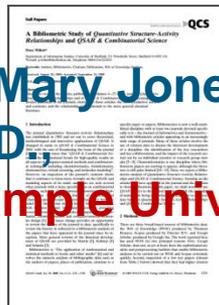


Main Campus



Research Center

By **Mary Jones, Ph.D.,**
Example University



By **Bob Rogers, Ph.D.,**
EU Sample Center for Research



By **Xi Lou, M.D.,**
Example College of Medicine



Affiliated university

By **Stanis Czockz,**
Affiliated U,



The Solution: *Address Unification*

- *Organization-Enhanced* field
 - Search by Preferred/Unified organization name or a more narrow, variant name
- Initial list (January 2013) included ~2,700 unified institutions, now includes almost 6,000
 - Work is ongoing to unify many more
 - Contact Thomson Reuters technical help to inquire about having your institution unified
 - <http://ip-science.thomsonreuters.com/support/>



Improved visibility of *Author Identifiers*

Guidelines for the use and interpretation of assays for monitoring autophagy

By: Klionsky, DJ (Klionsky, Daniel J.)^[1]; Abdalla, FC (Abdalla, Fabio C.)^[4]; Abeliovich, H (Abeliovich, Hagai)^[5]; Abraham, RT (Abraham, Robert T.)^[6]; Acevedo-Arozena, A (Acevedo-Arozena, Abraham)^[7]; Adeli, K (Adeli, Khosrow)^[8]; Agholme, L (Agholme, Lotta)^[9]; Agnello, M (Agnello, Maria)^[10]; Agostinis, P (Agostinis, Patrizia)^[11]; Aguirre-Ghiso, JA (Aguirre-Ghiso, Julio A.)^[12,13]...More

[View ResearchID and ORCID.](#)

AUTOPHAGY

Volume: 8 Issue: 4 Pages: 44

DOI: 10.4161/auto.19496

Published: APR 2012

[View Journal Information](#)

Abstract

In 2008 we published the first set of guidelines for reporting research in autophagy. Since then, research on this topic has continued to accelerate, and many new scientific findings have been published. Accordingly, it is important to update these guidelines to reflect the current state of the field and to address the needs of researchers that have been used for this purpose. Nevertheless, there is still a need for a set of guidelines for reporting research in autophagy. A key point that needs to be addressed is the reporting of autophagic elements (e.g., organelles, proteins, and lipids) in the context of the autophagy pathway (i.e., the complete process); thus, a set of guidelines for reporting autophagy pathway elements that result in increased autophagic activity is needed. This update is important that investigators new to the field understand that the appearance of more autophagosomes does not necessarily equate with more autophagy. In fact, in many cases,

RID/ORCID field now pushed to below author field- improved visibility of author identifiers

Citation Network

1,105 Times Cited

884 Cited References

[View Related Records](#)

[View Citation Map](#)

[Create Citation Alert](#)

(data from Web of Science™ Core Collection)

All Times Cited Counts

1,147 in All Databases

1,105 in Web of Science Core Collection

980 in BIOSIS Citation Index

49 in Chinese Science Citation Database

0 in Data Citation Index

0 in SciELO Citation Index

 Highly Cited Paper

Nieminen, Pentti [Return to Search Page](#) [Get A Badge](#) [ResearcherID Labs](#)

ResearcherID: A-7571-2012

Other Names: Nieminen, P.; Nieminen, PA; Nieminen, Pentti A; Nieminen, PA.; Nieminen, P

URL: <http://www.researcherid.com/rid/A-7571-2012>

ORCID: <http://orcid.org/0000-0003-0591-586X>

My Institutions [\(more details\)](#)

Primary Institution: University of Oulu

Sub-org/Dept: Medical Informatics and Statistics Research Group; Medical Faculty; Medical Informatics Group

Role: Faculty

My Publications

My Publications (97)

[View Publications](#) ▶

[Citation Metrics](#)

ResearcherID labs

[Create A Badge](#)

[Collaboration Network](#)

[Citing Articles Network](#)

My Publications: View

This list contains papers that I have authored.

97 publication(s)

◀◀ Page 1 of 10 Go ▶▶

Sort by: [Publication Year](#) Results per page: [10](#)

1. Title: [Distribution and levels of alpha-1-antitrypsin in the lung and plasma in smokers and chronic obstructive pulmonary disease](#) added 21-Oct-14
Author(s): Linja-Aho, A.; Mazur, W.; Toljamo, T.; et al.
Source: *Apmis* Volume: 121 Issue: 1 Pages: 11-21 Published: 2013
Times Cited: 4
DOI: [10.1111/j.1600-0463.2012.02936.x](https://doi.org/10.1111/j.1600-0463.2012.02936.x)
2. Title: [Dual use of cigarettes and Swedish snuff \(snus\) among young adults in Northern Finland](#) added 21-Oct-14
Author(s): Hamari, A. K.; Toljamo, T. I.; Kinnula, V. L.; et al.
Source: *European Journal of Public Health* Volume: 23 Issue: 5 Pages: 768-771 Published: 2013
Times Cited: 5
DOI: [10.1093/eurpub/cks131](https://doi.org/10.1093/eurpub/cks131)
3. Title: [Environmental exposure as an independent risk factor of chronic bronchitis in northwest Russia](#) added 21-Oct-14
Author(s): Nieminen, P.; Panychev, D.; Lyalyushkin, S.; et al.
Source: *International Journal of Circumpolar Health* Volume: 72 Published: 2013
Times Cited: 1
DOI: [10.3402/ijch.v72i0.19742](https://doi.org/10.3402/ijch.v72i0.19742)
4. Title: [Estimation of health risk by using toxicokinetic modelling: A case study of polychlorinated biphenyl PCB153](#) added 21-Oct-14
Author(s): Abass, K.; Huusko, A.; Nieminen, P.; et al.
Source: *Journal of Hazardous Materials* Volume: 261 Pages: 1-10 Published: 2013
Times Cited: 3
DOI: [10.1016/j.jhazmat.2013.07.011](https://doi.org/10.1016/j.jhazmat.2013.07.011)



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[SIGN IN](#) | [REGISTER FOR AN ORCID ID](#) | [LEARN MORE](#)

2,078,454 ORCID IDs and counting. [See more.](#)

Pentti Nieminen

ORCID ID
 orcid.org/0000-0003-0591-586X

Keywords
medical informatics, medical statistics, epidemiology

Websites
<http://www.medicine oulu.fi/misrg/pnieminen.html>

Other IDs
ResearcherID: A-7571-2012
Scopus Author ID: 56197534100
Scopus Author ID: 56448235500
Scopus Author ID: 7103275428

Works (113) Sort

A simple novel prognostic model for early stage oral tongue cancer

International Journal of Oral and Maxillofacial Surgery
2015 | journal-article
DOI: 10.1016/j.ijom.2014.10.004
EID: 2-s2.0-84937111812
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84937111812&partnerID=MN..>

Source: Scopus to ORCID Preferred source

Altered expression of hyaluronan, HAS1-2, and HYALI-2 in oral lichen planus

Journal of Oral Pathology and Medicine
2015 | journal-article
DOI: 10.1111/jop.12294
EID: 2-s2.0-84947730020
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84947730020&partnerID=MN..>

Source: Scopus to ORCID Preferred source

Clinical characteristics of COPD syndrome: A 6-year follow-up study of adult smokers

Annals of Medicine
2015 | journal-article
DOI: 10.3109/07853890.2015.1045551
EID: 2-s2.0-84940051001
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84940051001&partnerID=MN..>

Source: Scopus to ORCID Preferred source



Emerging Sources Citation Index



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Adapting to changing needs

- Desire for more content to respond to needs of funders, evaluators, researchers...

YET

- Customers want us to remain selective and provide thought leadership by continuing to distinguish the most impactful journals



ESCI in other products

- Not in JCR
 - ESCI Journals will not receive Impact Factors
 - Citations *from* ESCI journals will not be included in IF calculations
- Not in ESI
 - ESCI content will not be included in ESI calculations
- Not in InCites2
 - Future analytics development will be undertaken to include ESCI coverage in ways that are appropriate for market needs.
- ESCI will be part of WoS APIs (Lite and Premium)



Emerging Sources Citation Index

- New index within the Web of Science Core Collection
- No additional cost to all subscribers of SCI, SSCI & ACI
- All content must meet basic selection criteria
 - Peer reviewed research of scholarly interest
 - Meets our ethical standards (non predatory)
 - Article meta-data in English
 - Content available electronically (PDF or XML)
- Content starts in 2015 (5k journals over 2 years)
- Same feature set and indexing standards as other Core Collection editions
 - Full cover to cover indexing of all content



Web of Science Item Level Usage Metrics



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Why count usage?

- Citation activity can lag behind the publication of an article
 - New items may not have been around long enough to accumulate citation activity.
 - Many disciplines show little or no citation activity within a year of publication
- Items in traditionally slow to cite disciplines
 - Math, Civil Engineering, Nursing, Economics, and other disciplines where research accumulates citations slowly, will benefit most from a recognition of “interest”
- Items in traditionally low citation disciplines
 - Romance languages, Rhetoric, Architectural History, etc.

What do we count?

- Counts of reasonable, intentional user actions that indicate user interest in an item on the WoS platform.
 1. Click through from records to full-text
 - Full Record, or Results Summary list
 2. Exports to bibliographic management tools, or into formats for later import into bibliographic management tools
 - Exports from Full Record, Results Summary, Marked List
- Not Counted
 - Batch operations that could indicate analysis of large sets of data (exports to InCites, etc.)
 - API usage
 - Usage activities generated by “bots”

What do we display?

- Usage Count - Since 2013
- Usage Count - Last 180 Days

Why these time periods?

- We began counting on Feb 1, 2013. All counts for all data began on this day.
- Last 180 Days is a broad enough time window to show a positive count of usage for most items.



Usage Counts – Where to find them on WoS

WEB OF SCIENCE™



Search

Results: 70,071

(from All Databases)
(Number of results is approximate)

You searched for: TOPIC: (ptsd)
...More

Refine Results

Search within results for...



Databases

Research Domains

- SCIENCE TECHNOLOGY
- SOCIAL SCIENCES
- ARTS HUMANITIES

Refine

Sort by: Usage Count -- Last 180 days

- Publication Date -- newest to oldest
- Publication Date -- oldest to newest
- Recently Added
- Times Cited -- highest to lowest
- Times Cited -- lowest to highest
- Usage Count -- Last 180 days
- Usage Count -- Since 2013
- Relevance
- First Author -- A to Z

Sort by Usage Counts.
Counts display when
sort option is chosen.

Page 1 of 7,008

- 1. **... in older adults after disaster: relationships to religiosity and**
...zat, Pamela F.; et al.
Issue: 5 Pages: 430-443 Published: MAY 4 2015
View Abstract
- 2. **Neuroimaging of child abuse: a critical review**
By: Hart, Heledd; Rubia, Katya
FRONTIERS IN HUMAN NEUROSCIENCE Volume: 6 Article Number: 52 Published: MAR 19 2012
Full Text from Publisher View Abstract
- 3. **Emotion Modulation in PTSD:**
By: Lanius, Ruth A.; Vermetten, Er
AMERICAN JOURNAL OF PSYCH
Full Text from Publish

Citation Report feature not available. [?]

Times Cited: 0
(from All Databases)
Last 180 Days: 148

Times Cited: 36
(from All Databases)

Usage Count
Last 180 Days: 80
Since 2013: 207

(from All Databases)

Highly Cited Paper

Last 180 Days: 72

Full Usage Count view
can be opened and
closed.

Usage Counts can also be found on Full Record

Usage Counts (*the fine print*)

- Counts will be updated daily
- Results Summary page can be sorted by either count
- Last 180 Day usage is a rolling count
 - It can go up, down, or stay the same during the 180 day period
- Counts are “unified” on WoS platform
 - Usage of record in one dataset counts for all versions of the record
- Counts will be displayed on Full Record and Search Results Summary
- Counts can be exported from the Marked List (field tags = U1, U2)
 - Counts are not yet exportable to EndNote or available in the WoS API
- Due to technical limitations, usage of data in *Derwent Innovations Index* is not counted

Are “bots” a problem?

- All counts are “cleansed” of bot activity
- What is considered at bot?
 - Repetitive single actions
 - Actions occurring at speeds that do not mirror normal human usage
 - Repeated batch operation
 - Single record usage activity that does not mirror normal, considered use of Web of Science data
- If usage activity looks/acts like a “bot” we consider it to be from a “bot” and all activity associated with that session will not be ‘counted’



Interest vs. Impact

- Usage Counts are indicative of Interest, not Impact.
 - Citation Activity = *Impact*
 - Usage Counts = *Interest*
- All counts are aggregated from ALL users of the WoS platform
 - Counts are not “local usage” and are distinct from “Counter compliant” activities reported in Web of Science Usage Reports (WURS)
 - WoS users are researchers and information professionals; their usage of data on the WoS platform can be said to be more significant than usage of items that are open to anyone on the Web





Research Measuring



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InCites & Web of Science Core Collection

WEB OF SCIENCE PLATFORM

Web of Science Core Collection

- Science Citation Index Expanded
- Social Sciences Citation Index
- Arts & Humanities Citation Index
- Conference Proceedings Citation Index
 - Science
 - Social Science & Humanities
- Book Citation Index
 - Science
 - Social Science & Humanities
- Emerging Sources Citation Index

INCITES PLATFORM

Journal Citation Reports

- Impact Factor uses data from most recent JCR data year + prior 2 years

Essential Science Indicators

- Data from most recent 10 year period
- Limited document types
- Top performing authors, institutions, countries, journals, and papers in 22 broad categories

Benchmarking & Analytics

- Data from all source editions from 1980-2015

What's new in Journal Citation Reports

- 2014 metrics available
- Three new metrics (only available on the InCites platform)
 - Journal Impact Factor Percentile
 - Normalized Eigenfactor Score
 - % Articles in Citable Items
- Open Access filter and badge
- Download Citing and Cited Journal Data tables
 - Journal Relationships visualization also downloadable
- Simpler Year-to-Year Navigation
- Citable Items – filterable by document type

2015 Update (2014 data)

- 11,813 journal listings
- 272 journals receiving their first Journal Impact Factor (9% increase)
- 232 disciplines
- 82 countries are represented
- Complete details in the *What's New* section of Help

New metrics

Key Indicators

% Articles in Citable Items:

The percent of citable items for the current data year that are articles (vs. reviews).

Normalized Eigenfactor Score:

a value of 1 indicates average influence. A higher value indicates above average influence (eg. NE = 4, the journal is four times more influential than the average journal in JCR).

Year	Citable Items	Impact Factor	Cited Half-Life	Citing Half-Life	Eigenfactor Score	Article Influence Score	% Articles in Citable Items	Normalized Eigenfactor
	271		9.2	4.7	0.39596	17.569	91.14	44.14...
	276		9.0	4.5	0.38061	15.986	90.58	41.95...
2012	166,922	39.060	37.888	36.427	9.556	313	91.69	Not Av...
2011	158,906	38.278	37.025	33.797	10.576	276	94.57	Not Av...
2010	155,736	33.633	32.520	32.498	10.852	271	90.04	Not Av...
	280		8.5	4.7	0.37928	10.906	77.14	Not Av...
	289		8.1	4.7	0.41177	9.946	94.46	Not Av...
	305		7.7	4.4	0.45171	9.318	80.33	Not Av...
	301		7.4	4.5	Not Av...	Not Av...	72.09	Not Av...
	360		7.1	4.6	Not Av...	Not Av...	78.89	Not Av...
	415		6.8	4.7	Not Av...	Not Av...	72.77	Not Av...
	553		6.8	4.4	Not Av...	Not Av...	78.66	Not Av...
	522		6.9	4.2	Not Av...	Not Av...	88.51	Not Av...
	569		7.0	4.0	Not Av...	Not Av...	91.74	Not Av...
	821		6.9	4.0	Not Av...	Not Av...	95.49	Not Av...
	1,108		6.8	4.1	Not Av...	Not Av...	98.10	Not Av...
	1,009		6.8	3.7	Not Av...	Not Av...	98.01	Not Av...

New metrics, cont.

Source Data

Rank

Cited Journal Data

Citing Journal Data

Box Plot

JCR Impact Factor

JCR Year	BIODIVERSITY CONSERVATION			ECOLOGY		
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile
2014	1/43	Q1	98.837	5/144	Q1	96.875
2013	1/42	Q1	98.810	6/141	Q1	96.099
2012	1/40	Q1	98.750	9/136	Q1	93.750
2011	1/37	Q1	98.649	7/134	Q1	95.149
2010	1/34	Q1	98.529	6/130	Q1	95.769
2009	1/29	Q1	98.276	8/129	Q1	94.186
		Q1	94.643	5/124	Q1	96.371
		Q1	94.444	8/116	Q1	93.534
		Q1	97.917	10/114	Q1	91.667
		Q1	89.583	14/112	Q1	87.946
		Q1	93.750	6/107	Q1	94.860
		Q1	97.619	5/105	Q1	95.714
		Q1	92.500	9/101	Q1	91.584
		Q1	90.625	8/102	Q1	92.647
		Q1	90.625	6/100	Q1	94.500

JIF Percentile:

Impact Factor Percentile within the subject category Found on each journal's profile in the Rank area. The percentile of a journal within its assigned category based on its Impact Factor.

Scaled from 1 to 100, higher percentile values indicate a higher Impact Factor in relation to peers.

Useful as a measure for cross-category comparison.

Open Access filter and badge

Go to Journal Profile

Master Search

Compare Journals

View Title Changes

Select Journals

Select Categories

Select JCR Year

Select Edition

Open Access

Category Schema

Journals By Rank

Categories By Rank

Journal Titles Ranked by Impact Factor

Show Visualization +

Compare Selected Journals

Add Journals to New or Existing List

Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor	Immediacy Index	Eigent
1	CA-A CANCER JOURNAL FOR CLINICIANS	18,594	115.840	119.827	35.923	
	JOURNAL OF	268,652	55.873	54.390	13.844	
	IEWS	137,600	46.568	50.679	7.381	
	185,361	45.217	42.724	12.967		
	WS DRUG	23,811	41.908	37.825	8.462	
	CHNOLOGY	45,986	41.514	38.276	7.784	
	617,363	41.456	41.296	9.585		
	of Immunology	16,750	39.327	46.694	5.636	
9	NATURE REVIEWS MOLECULAR CELL BIOLOGY	35,928	37.806	41.496	7.797	

New Download Options

InCites™ Journal Citation Reports®

THOMSON REUTERS™

Home Journal Profile

LANCET
ISSN: 0140-6736
ELSEVIER SCIENCE INC
360 PARK AVE SOUTH, NEW YORK, NY 10010-1717
ENGLAND

Go to Journal Table of Contents Go to

Please select data to download by checking the boxes below.

- Journal Profile Grid Data
- Citing Journal Data
- Cited Journal Data

OK Cancel

Titles
ISO: Lancet
JCR Abbrev: LANCET

Categories
MEDICINE, GENERAL & INTERN
- SCIE

Languages
ENGLISH

52 Issues/Year,

Key Indicators

Year ▾	Total Cites Graph	Journal Impact Factor Graph	Impact Factor Without Journal Self Cites Graph	5 Year Impact Factor Graph	Immediacy Index Graph	Citable Items Graph	Cited Half-Life Graph	Citing Half-Life Graph	Eigenfactor Score Graph	Article Influence Score Graph	% Articles in Citable Items Graph	Normalized Eigenfactor Graph
--------	--------------------------------------	--	---	---	--	--	--	---	--	--	--	---

Year-to-Year Navigation

Key Indicators

Year ▼	Total Cites Graph	Journal Impact Factor Graph	Impact Factor Without Journal Self Cites Graph	5 Year Impact Factor Graph	Immediacy Index Graph	Citable Items Graph
2014	185,361	45.217	43.967	42.724	12.967	271
2013	176,528	39.207	37.887	39.315	12.649	276
2012	166,922	39.060				
2011	158,906	38.279				
2010	155,736	33.633				
2009	152,843	30.758				
2008	148,106	28.409				
2007	135,949	28.638				
2006	133,932	25.800				
2005	131,616	23.878				
2004	126,002	21.713				
2003	123,292	18.316				
2002	118,123	15.397				
2001	117,415	13.251				
2000	113,804	10.232				
1999	112,952	10.197	9.715	Not Av...	2.634	1,108
1998	111,115	7.900	1.000	1.000	2.000	1,000

Source Data

Rank

Cited Journal Data

Citing Journal Data

Box Plot

Journal Relationships

Journal Source Data

Number in JCR Year 2012 (A)

Number of References (B)

Ratio (B/A)

Filter Citable Items by Document Type

Source Data	Journal Source Data				
	Articles	Reviews	Combined	Other	
Rank					
Cited Journal Data					
Citing Journal Data					
Box					
Journal					
	Number in JCR Year 2014 (A)	117	11	128	62
	Number of References (B)	6,046	990	7,036	1,570
					25.3

Citable Documents for PLOS MEDICINE

Document Type:

Articles And Reviews

Articles And Reviews

Articles

Reviews

1 - 10 of 128

1 A Physiological Application of Intestinal Metagenomics

By: Halwachs, Bettina; Fricke, w. Florian; Hoegenauer, Christoph; Klymiuk, Ingeborg; Thallinger, Gerhard G.; Steininger, Christoph
Source: PLOS MEDICINE
Field: MULTIDISCIPLINARY SCIENCES
Document Type(s): Article

2 A Risk Prediction Model for the Assessment and Triage of Women with Hypertensive Disorders of Pregnancy in Low-Resourced Settings: The miniPIERS (Pre-eclampsia Integrated Estimate of RiSk) Multi-country Prospective Cohort Study

By: Magee, Laura A.; Nakimuli, Annetee; Qu, Ziquang; Groen, Henk; Biryabarema, Christine; Hutcheon, Jennifer A.; Haniff,



InCites
Essential Science Indicators



THOMSON REUTERS

Integration of ESI Top Paper indicators in Web of Science CC

Results: 7,306
(from Web of Science Core Collection)

You searched for: PUBLICATION NAME: (nature) ...More

Create Alert

Sort by: Times Cited -- highest to lowest

Page 1 of 147

Select Page | Save to EndNote desk... | Add to Marked List

Analyze Results
Create Citation Report

Refine Results

Search within results for...

Web of Science Categories

- MULTIDISCIPLINARY SCIENCES (7,262)

Refine

Document Types

- EDITORIAL MATERIAL (2,346)
- ARTICLE (2,335)
- NEWS ITEM (1,111)
- LETTER (777)

1. **An integrated encyclopedia of DNA elements in the human genome**

By: Dunham, James J.; Brown, Andrew D.; Hunt, David; Lachy, Michael; et al. *Nature* 2012, Vol. 491, Issue: 7422, Pages: 57-74. Published: SEP 6 2012

Full Text from Publisher | View Abstract

2. **An integrated map of genetic variation from 1,092 individuals**

By: Altshuler, David M.; Durbin, Richard; Abecasis, Gonçalo R.; et al. *Nature* 2012, Vol. 491, Issue: 7422, Pages: 56-65. Published: SEP 6 2012

Full Text from Publisher | View Abstract

3. **Comprehensive molecular portraits of human breast tumours**

By: Koboldt, Daniel C.; Fulton, Robert S.; McLellan, Michael D.; et al. *Nature* 2012, Vol. 490, Issue: 7418, Pages: 61-70. Published: OCT 4 2012

Full Text from Publisher | View Abstract

Times Cited: 1,363
(from Web of Science Core Collection)

Hot Paper
Highly Cited Paper

As of May/June 2014, this highly cited paper received enough citations to place it in the top 1% of the academic field of Molecular Biology & Genetics based on a highly cited threshold for the field and publication year.

Data from Essential Science IndicatorsSM

Close Window

Times Cited: 810
(from Web of Science Core Collection)

Hot Paper
Highly Cited Paper

Times Cited: 789
(from Web of Science Core Collection)

Hot Paper
Highly Cited Paper

Instantly discover the producers of high impact research

Essential Science Indicators

- Data source
 - Web of Science Core Collection SCI & SSCI
 - 10 year rolling file
 - Articles, reviews, proceedings papers & research notes
 - Updated every 2 months
 - Institution name unification consistent across TS services (organization enhanced in WOS CC)
 - Identifies highly cited papers, authors, institutions, countries and journals
 - 22 broad research fields
 - Assignment to a discipline based on journal classification. Journals mapped to 22 broad research disciplines
 - Download list from Help File
 - Methodology for classification of papers from multidisciplinary journals
 - <http://archive.sciencewatch.com/about/met/classpapmultijour/>

Research Fields

- Scope notes for each field: Help file
- Journals are assigned to ONE discipline

Agricultural Sciences
Biology & Biochemistry
Chemistry
Clinical Medicine
Computer Science
Ecology/Environment
Economics & Business
Engineering
Geosciences
Immunology
Material Sciences

Mathematics
Microbiology
Molecular Biology &
Genetics
Multidisciplinary
Neuroscience & Behavior
Pharmacology & Toxicology
Physics
Plant & Animal Science
Psychology/Psychiatry
Social Sciences, general
Space Science

Citation Thresholds

	Citation Percentile	Data years examined
Researchers	1%	10
Institutions	1%	10
Countries	50%	10
Journals	50%	10
Highly Cited Papers	1%	10
Hot Papers	.1%	2

Essential Science Indicators Uses

- Identify top researchers or institutions in specific disciplines
 - Identify trends and emerging areas of research
 - Evaluate potential employees, collaborators, reviewers and peers
 - Who is publishing the ‘hottest’ research in a field?
 - Can you think of any other uses of ESI data at your institution?
-
- Baselines: Helps put citation statistics into context
 - Research Fronts: Creates clusters of highly cited articles, useful for identifying ground breaking discoveries

Search for *Highly Cited Institutions* by discipline 'Agricultural Sciences' (Top 1%)

Top Papers by Research Field

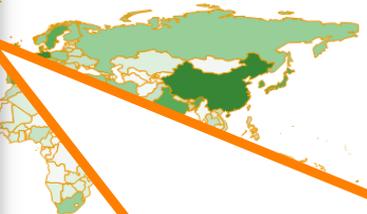
Results List Map View by Top / Hot / Highly Cited Papers Hide Visualization —

Institutions

Filter Results Add Filter » Include Results Top Papers Start Over

Back Search Fields

- Agricultural Sciences
- + Biology & Biochemistry
- + Chemistry
- + Clinical Medicine
- + Computer Science
- + Economics & Business
- + Engineering
- + Environment/Ecology
- + Geosciences
- + Immunology
- + Materials Science
- + Mathematics
- + Microbiology
- + Molecular Biology & Genetics
- + Multidisciplinary
- + Neuroscience & Behavior
- + Pharmacology & Toxicology
- + Physics
- + Plant & Animal Science
- + Psychiatry/Psychology
- + Social Sciences, General
- + Space Science



7	AGR AGRI FOOD CANADA	3,638	37,740	10.37	5
8	CHINESE ACAD SCI	4,623	35,834	7.75	4
9	CORNELL UNIV	2,416	33,363	13.81	7

- Results List – Select 'Institutions'
- Add Filter- Select 'Research Field'
- Select field of interest
- Include Top Papers (both Highly Cited and Hot Papers), or just Highly Cited or Top Papers
- Default order of institutions is by 'Total Citations'

Search for *Highly Cited Countries* by discipline *Environment/Ecology* (top 50%)

Top Papers by Research Field

Results List Map View by Top / Hot / Highly Cited Papers Hide Visualization —

Countries-Te

Filter Results: Back Search Fields

Add Filter »

Include Results: + Agricultural Sciences

Top Papers + Biology & Biochemistry

Start Over + Chemistry

+ Clinical Medicine

+ Computer Science

+ Economics & Business

+ Engineering

- Environment/Ecology

+ Geosciences

+ Immunology

+ Materials Science

+ Mathematics

+ Microbiology

+ Molecular Biology & Genetics

+ Multidisciplinary

+ Neuroscience & Behavior

+ Pharmacology & Toxicology

+ Physics

+ Plant & Animal Science

+ Psychiatry/Psychology

+ Social Sciences, General

+ Space Science



7	FRANCE	16,117	243,995	15.17	30%
8	SPAIN	16,117	211,235	13.11	21%
9	NETHERLANDS	9,673	168,694	17.44	20%
10	SWEDEN	8,737	162,103	18.55	20%
11	SWITZERLAND	7,591	157,864	20.80	24%
12	ITALY	11,594	134,281	11.58	11%

- Results List – Select ‘Countries’
- Add Filter- Select ‘Research Field’
- Select field of interest
- Include Top Papers (both Highly Cited and Hot Papers), or just Highly Cited or Top Papers
- Default order of countries is by ‘Total Citations’

Search for *Highly Cited Authors* by discipline (top 1%)

Top Papers by Research Field

Results List
Authors

Filter Results By
Add Filter »

Include Results For
Top Papers

Start Over Save Criteria

Map View by Top / Hot / Highly Cited Papers Hide Visualization —

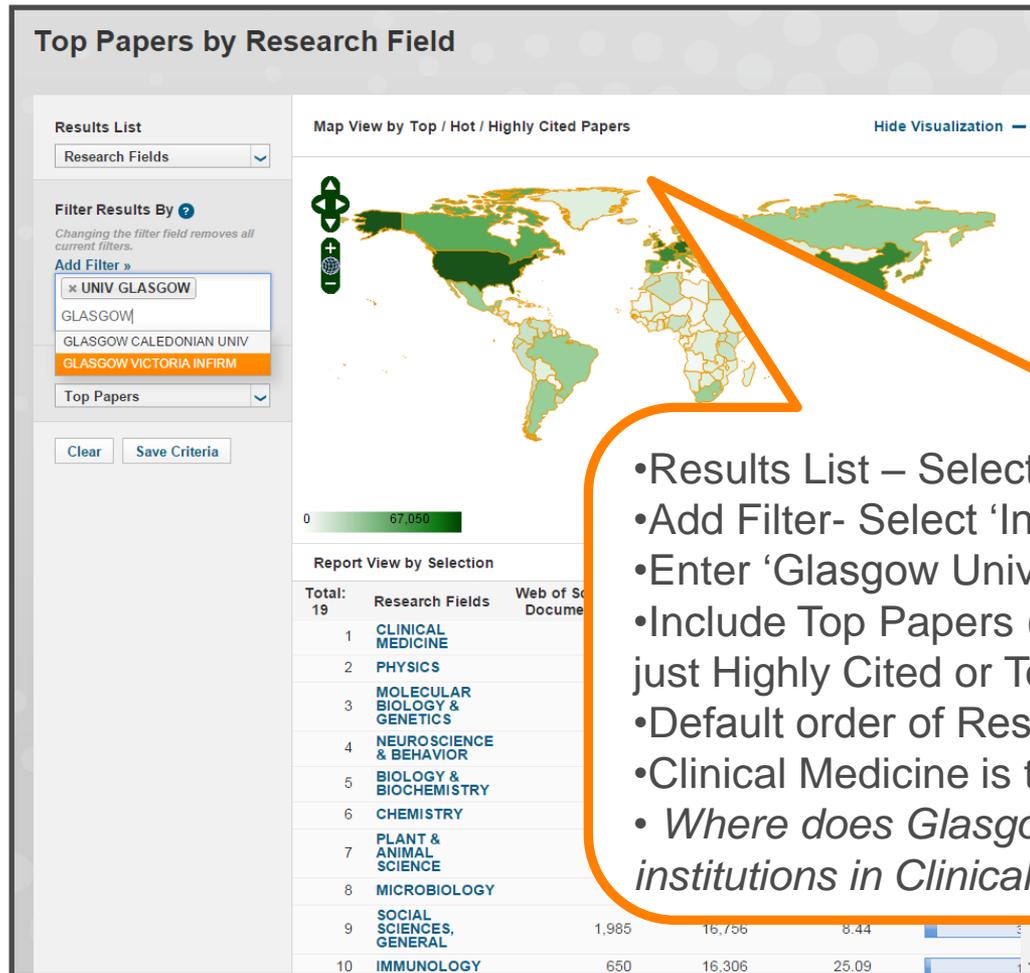
0 64,024

Report View by Selection

Authors				
1	THUILLER, W			
2	GASCUEL, O			
3	GUINDON, S			
4	ARAUJO, MB	81	7,490	92.47
5	LOGAN, BE	72	7,252	100.72
6	MUIR, DCG	176	7,235	41.11
7	PETERSON, AT	73	7,163	98.12
8	GUISAN, A	82	7,107	86.67

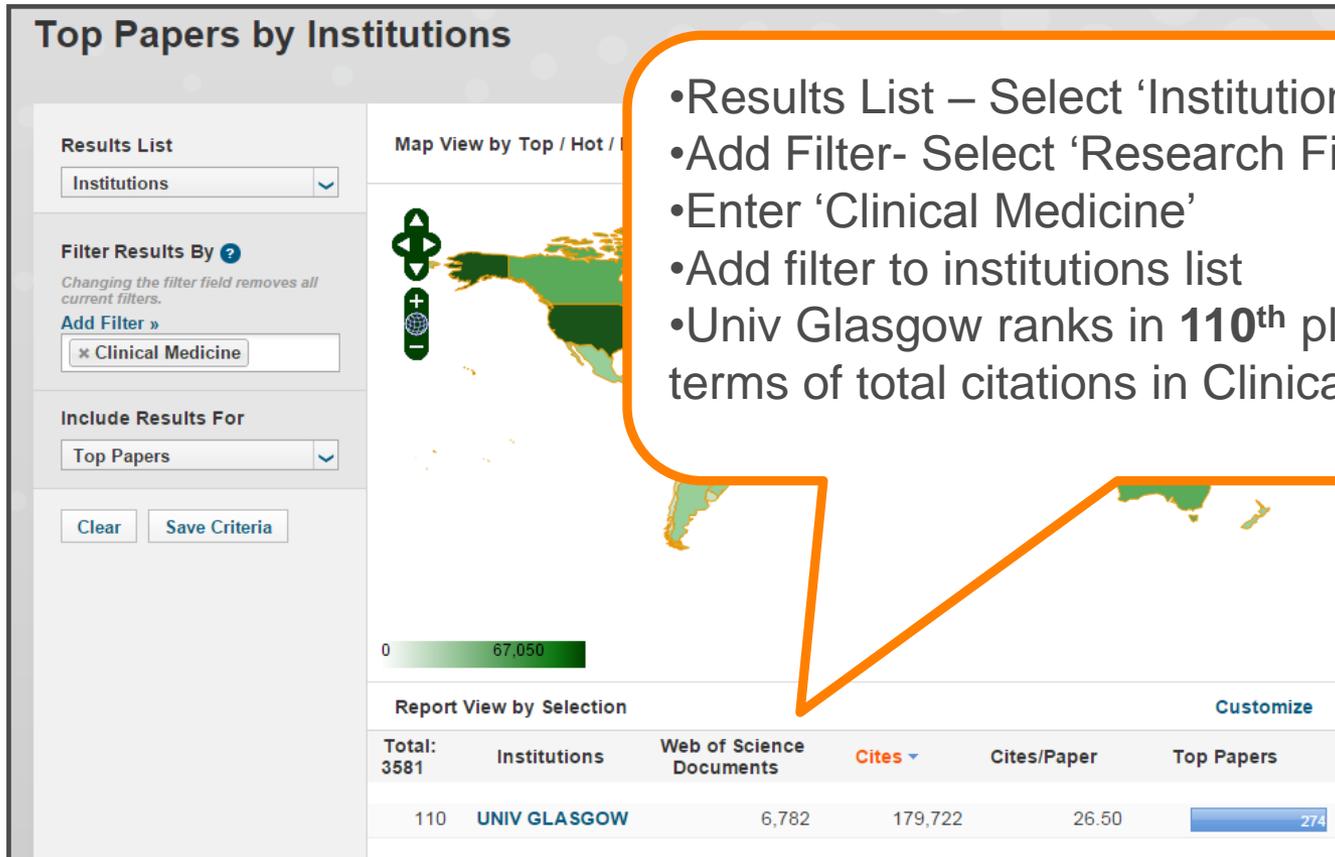
- Results List – Select ‘Author’
- Add Filter- Select ‘Research Field’
- Select field of interest
- Include Top Papers (both Highly Cited and Hot Papers), or just Highly Cited or Top Papers
- Default order of Authors is by ‘Total Citations’

View *Citation Rankings* for individual institutions- Glasgow University



- Results List – Select ‘Research Field’
- Add Filter- Select ‘Institutions’
- Enter ‘Glasgow Univ’
- Include Top Papers (both Highly Cited and Hot Papers), or just Highly Cited or Top Papers
- Default order of Research Field is by ‘Total Citations’
- Clinical Medicine is the top field in terms of Total Citations.
- *Where does Glasgow Univ rank in comparison to other institutions in Clinical Medicine?*

View *Rankings* for individual institutions- Glasgow University in Clinical Medicine



- Results List – Select ‘Institutions’
- Add Filter- Select ‘Research Field’
- Enter ‘Clinical Medicine’
- Add filter to institutions list
- Univ Glasgow ranks in **110th** place out of **3581** in terms of total citations in Clinical Medicine.

Top Papers for University of Glasgow in the field of Clinical Medicine

Papers by Research Field

Citation Trends

Documents

Filter Results By ?

Add Filter »

* UNIV GLASGOW

Include Results For

Top Papers

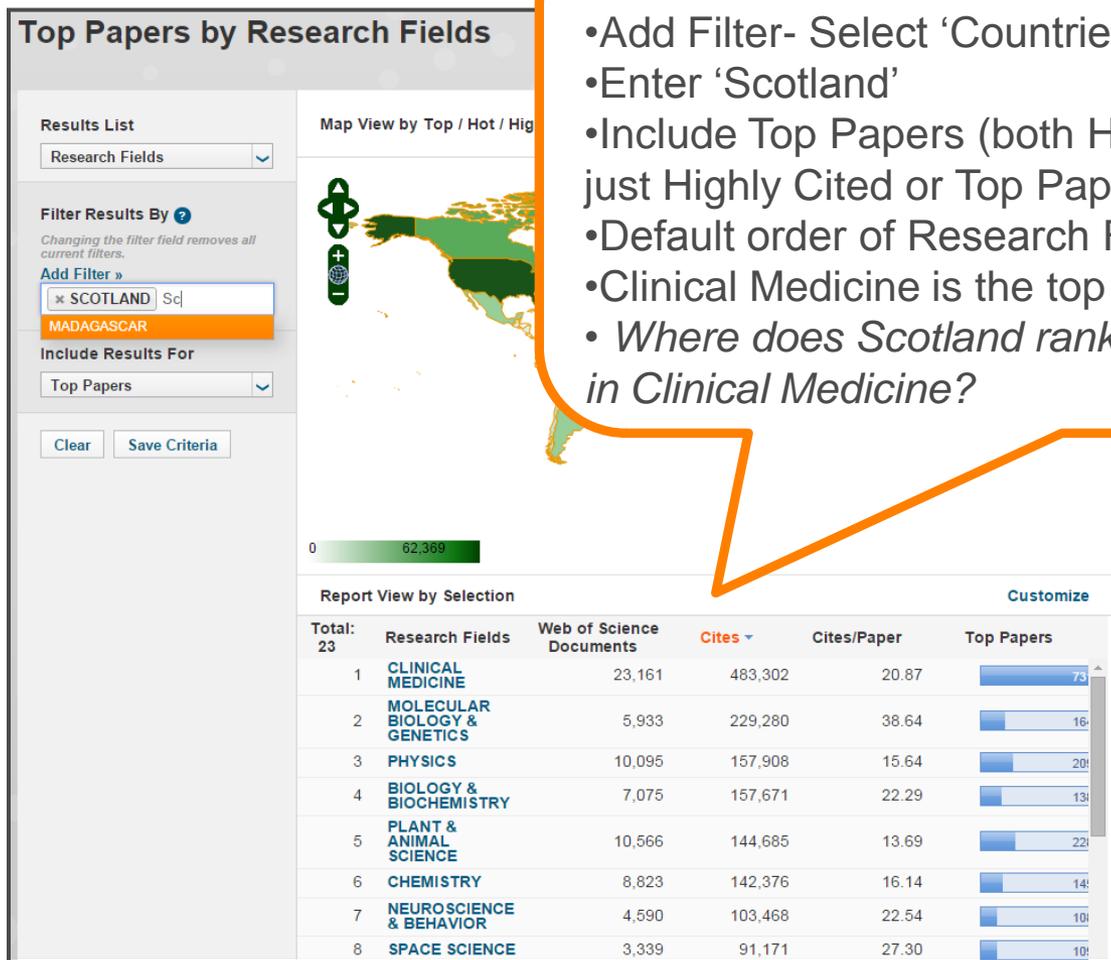
Clear Save Criteria

Sort By Citations Customize Documents 1 - 10 of 274

1	ROSUVASTATIN TO PREVENT VASCULAR EVENTS IN MEN AND WOMEN WITH ELEVATED C-REACTIVE PROTEIN	Times Cited: 2,254
By: DANIELSON, E; FONSECA, FAH; GENEST, J; et.al Source: N ENGL J MED 359 (21): 2195-2207 NOV 20 2008 Research Fields: CLINICAL MEDICINE		Research Front
2	THROMBOLYSIS WITH ALTEPLASE 15 HOURS AFTER ACUTE ISCHEMIC STROKE	Times Cited: 1,688
By: BLUHMKI, E; BROZMAN, J Source: N ENGL J MED 359 (21): 2195-2207 NOV 20 2008 Research Fields: CLINICAL MEDICINE		Research Front
3	C-REACTIVE PROTEIN AND RISK OF CORONARY HEART DISEASE	Times Cited: 1,511
By: DANESH, M; WILSON, P; FERRELLI, R; et.al Source: N ENGL J MED 359 (21): 2195-2207 NOV 20 2008 Research Fields: CLINICAL MEDICINE		
4	INTENSIVE LIFE SUPPORT FOR PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME	Times Cited: 1,488
By: BARTER, P; FRUCHART, J; GOTTO, AM; et.al Source: N ENGL J MED 352 (14): 1425-1435 APR 7 2005 Research Fields: CLINICAL MEDICINE		

- Papers are ordered by Citations- highest to lowest
- Each paper links to its corresponding WOS record
- Limit by Highly Cited or Hot Papers
- Research Front
A group of highly cited papers, referred to as "core papers," in a specialized topic defined by a cluster analysis

View Rankings for individual countries-Scotland



- Results List – Select ‘Research Field’
- Add Filter- Select ‘Countries’
- Enter ‘Scotland’
- Include Top Papers (both Highly Cited and Hot Papers), or just Highly Cited or Top Papers
- Default order of Research Field is by ‘Total Citations’
- Clinical Medicine is the top field in terms of Total Citations.
- *Where does Scotland rank in comparison to other countries in Clinical Medicine?*

View *Rankings* for individual countries-Scotland in Clinical Medicine

Top Papers by Territories

Results List
Countries-Territories

Filter Results By ?
Changing the filter field removes all current filters.
Add Filter »
* Clinical Medicine

Include Results For
Top Papers

Clear Save Criteria

Map View by Top



0 62,369

Report View by Selection [Customize](#)

Total:	Countries-Territories	Web of Science Documents	Cites	Cites/Paper	Top Papers
109					
17	SCOTLAND	Sort Ascending Sort Descending	483,302	20.87	731

Filters

- Results List – Select ‘Countries’
- Add Filter- Select ‘Research Field’
- Enter ‘Clinical Medicine’
- Add filter to countries list-filter by Scotland
- Scotland ranks in 17th place out of 109 in terms of total citations in Clinical Medicine
- Scotland has 731 Top Papers in this field.

View ESI Citation Thresholds

Indicators	Field Baselines	Citation Thresholds			
Citation Thresholds A citation threshold is the minimum number of citations obtained by ranking papers in a research field in descending order by citation count and then selecting the top fraction or percentage of papers. The ESI Threshold reveals the number of citations received by the top 1% of authors and institutions and the top 50% of countries and journals in a 10-year period.					
ESI Thresholds	RESEARCH FIELDS	AUTHOR	INSTITUTION	JOURNAL	COUNTRY
Highly Cited Thresholds	AGRICULTURAL SCIENCES	324	1,431	1,119	
	BIOLOGY & BIOCHEMISTRY	806	5,167	5,350	
Hot Paper Thresholds	CHEMISTRY	1,250	4,979	4,461	
	CLINICAL MEDICINE	1,589	1,696	3,186	
	COMPUTER SCIENCE	234	2,072	912	
	ECONOMICS & BUSINESS	299	3,150	768	
	ENGINEERING	342	1,380	1,277	
	ENVIRONMENT/ECOLOGY	543	2,983	2,007	
	GEOSCIENCES	868	4,395	1,668	
	IMMUNOLOGY	854	3,595	5,716	
	MATERIALS SCIENCE	767	2,840	1,384	
	MATHEMATICS	256	3,085	1,155	240
	MICROBIOLOGY	605	4,308	3,081	703
	MOLECULAR BIOLOGY & GENETICS	1,657	9,169	5,133	785
	MULTIDISCIPLINARY	1,447	8,054	144	
	NEUROSCIENCE & BEHAVIOR	1,092	4,402	5,749	
	PHARMACOLOGY & TOXICOLOGY	459	2,606	3,591	639
	PHYSICS	5,588	9,000	3,400	1,318
	PLANT & ANIMAL SCIENCE	487	1,888	1,744	997
PSYCHIATRY/PSYCHOLOGY	639	3,327	1,915	246	
SOCIAL SCIENCES, GENERAL	303	1,046	525	930	
SPACE SCIENCE	3,848	22,175	1,280	381	

The ESI thresholds provide transparency on the inclusion of Authors, Institutions, Journals and Countries in ESI

The thresholds present the minimum citations required to be included in the top 1% or top 50%. The citations are to papers published in most recent 10 years from SCI & SSCI.

Citation Thresholds Plant & Animal Science

- Highly Cited Author (1%)= 487
- Highly Cited Institution (1%)= 1888
- Highly Cited Journal (50%)= 1744
- Highly Cited Country (50%)= 997

Measuring Citation Performance

The screenshot displays a search results page with a left-hand navigation menu and a main list of results. The navigation menu includes filters for 'Document Types' (Article, Meeting Abstract, Review, Proceedings Paper, Letter) and 'Research Areas' (Rheumatology, Oncology, Genetics Heredity, Respiratory System, Pediatrics). The main list shows six papers, each with its title, authors, journal information, and citation metrics. Paper 5, 'Longitudinal Study of Physical Activity and Sedentary Behavior in Children', is highlighted with an orange box and a callout bubble asking 'Why is this paper not Highly Cited?'. The callout bubble also points to the 'View Abstract' button for paper 4.

Rank	Title	Authors	Journal	Volume	Issue	Pages	Published	Times Cited	Usage Count
3.	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes	..., Inga; et al. Consortium; MuTHER Consortium; et al.					OCT 2011	93	Highly Cited Paper
4.	Identification of Novel Genetic Loci Associated with Clinical Phenotypes of Systemic Sclerosis through a Genome-Wide Association Study	By: Gorlova, Olga; Martin, Jose-Ezequiel; ... da, Blanca; et al. Group Author(s): Spanish Scleroderma	PLOS GENETICS	7	7		JUL 2011	65	
5.	Longitudinal Study of Physical Activity and Sedentary Behavior in Children	By: Basterfield, Laura; Adamson, Ashley J.; Frary, Jessica K.; et al.	PEDIATRICS	127	1	E24-E30	JAN 2011	62	
6.	A Genome-Wide Association Study of Upper Aerodigestive Tract Cancers Conducted within the INHANCE Consortium	By: McKay, James D.; Therese Truong; Gaborieau, Valerie; et al.	PLOS GENETICS	7	3	Article Number: e1001333	MAR 2011	61	

Measuring Citation Performance

Longitudinal Study of Physical Activity and Sedentary Behavior in Children

By: Basterfield, L (Basterfield, Laura)^[1]; Adamson, AJ (Adamson, Ashley J.)^[1]; Frary, JK (Frary, Jessica K.)^[1]; Parkinson, KN (Parkinson, Kathryn N.)^[1]; Pearce, MS (Pearce, Mark S.)^[2]; Reilly, JJ (Reilly, John J.)^[3]
[View ResearcherID and ORCID.](#)

PEDIATRICS

Volume: 127 Issue: 1 Pages: E24-E30

DOI: 10.1542/peds.2010-1935

Published: JAN 2011

[View Journal Information](#)

Abstract

OBJECTIVE: Physical activity is thought to decline during childhood, but the extent to which this is unknown. We made objective measures of 2-year changes in physical activity and sedentary behavior in English children who participated in the Millennium Study to explore the nature, timing, and extent of changes in physical activity and sedentary behavior before age 10 years.

METHODS: We conducted a longitudinal study in which physical activity and sedentary behavior were measured using accelerometers (accelerometer counts per minute) and self-reports. Changes in physical activity and sedentary behavior over a 2-year period was assessed by rank change.

RESULTS: Mean daily volume of physical activity (MVPA) was low at baseline and declined over time. MVPA was 78.0% to 81.1% of the day (counts per minute) and in those with higher BMI z scores.

CONCLUSIONS: We report here on physical activity and sedentary behavior in adolescence. *Pediatrics* 2011;127:127-134.

Keywords

Author Keywords: childhood; physical activity; sedentary behavior

KeyWords Plus: MIDDLE-SCHOOL CHILDREN; PHYSICAL ACTIVITY; VALIDATION; ADIPOSITY; PATTERN

Author Information

Reprint Address: Basterfield, L (reprint author)

Newcastle Univ, Inst Hlth & Soc, Human Nutr Res Ctr, M1 151 Leech Bldg Med Sch, Framlington Pl, Newcastle Upon Tyne NE2 4HH, Tyne & Wear, England.

Organization-Enhanced Name(s)
[Newcastle University - UK](#)

Addresses:

[1] Newcastle Univ, Inst Hlth & Soc, Human Nutr Res Ctr, Newcastle Upon Tyne NE2 4HH, Tyne & Wear, England

Organization-Enhanced Name(s)
[Newcastle University - UK](#)

Citation Network

62 Times Cited

39 Cited References

[View Related Records](#)

[View Citation Map](#)

[Create Citation Alert](#)

(data from *Web of Science™ Core Collection*)

All Times Cited Counts

62 in All Databases

62 in *Web of Science Core Collection*

21 in BIOSIS Citation Index

15 in Chinese Science Citation Database

10 in Data Citation Index

10 in SciELO Citation Index

Citation Age Count

180 Days: 4

1 Year: 25

[View more](#)

Most Recent Citation

Alra, Sara. Variability and Stability of Daily Moderate-to-Vigorous Physical Activity among 10 Year Old Children. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, AUG 2015.

[View All](#)

This record is from:
Web of Science™ Core Collection

Suggest a correction

If you would like to improve the quality of the data in this record, please suggest a correction.

- WOS CC provides us with the Total Citation Count of this article
- How does this total compare to the field?
- Is this paper performing better than peer papers?
- We need a benchmark- go to ESI!

Identify the ESI Discipline

9191	PEDIATRIC ALLERGY AND IMMUNOL	PEDIATR ALLERGY IMMUNOL	PEDIATR ALLERG IMM-UK	0905-6157	1399-3038	IMMUNOLOGY
9192	PEDIATRIC AND DEVELOPMENTAL P					
9193	PEDIATRIC ANESTHESIA					
9194	PEDIATRIC ANNALS					
9195	PEDIATRIC BLOOD & CANCER					
9196	PEDIATRIC CARDIOLOGY					
9197	PEDIATRIC CLINICS OF NORTH AME					
9198	PEDIATRIC DENTISTRY					
9199	PEDIATRIC DERMATOLOGY					
9200	PEDIATRIC DIABETES					
9201	PEDIATRIC DRUGS					
9202	PEDIATRIC EMERGENCY CARE					
9203	PEDIATRIC EXERCISE SCIENCE					
9204	PEDIATRIC HEMATOLOGY AND ONC					
9205	PEDIATRIC INFECTIOUS DISEASE JOI					
9206	PEDIATRIC NEPHROLOGY					
9207	PEDIATRIC NEUROLOGY	PEDIATR NEUROL	PEDIATR NEUROL	0034	1873-5150	NEUROSCIENCE & BEHAVIOR
9208	PEDIATRIC NEUROSURGERY	PEDIATR NEUROSURG	PEDIATR NEUROSUR	0291	1423-0305	CLINICAL MEDICINE
9209	PEDIATRIC PULMONOLOGY	PEDIATR PULM	PEDIATR PULM	06863	1099-0496	CLINICAL MEDICINE
9210	PEDIATRIC RADIOLOGY	PEDIATR RADIOL	PEDIATR RADIOL	01-0449	1432-1998	CLINICAL MEDICINE
9211	PEDIATRIC RESEARCH	PEDIATR RES	PEDIATR RES	0031-3998	1530-0447	CLINICAL MEDICINE
9212	PEDIATRIC SURGERY INTERNATIONAL	PEDIATR SURG INT	PEDIATR SURG INT	0179-0358	1437-9813	CLINICAL MEDICINE
9213	PEDIATRIC TRANSPLANTATION	PEDIATR TRANSPLANT	PEDIATR TRANSPLANT	1397-3142	1399-3046	CLINICAL MEDICINE
9214	PEDIATRICS IN REVIEW	PEDIATR REV	PEDIATR REV	0191-9601	1526-3347	CLINICAL MEDICINE
9215	PEDIATRICS INTERNATIONAL	PEDIATR INT	PEDIATR INT	1328-8067	1442-200X	CLINICAL MEDICINE
9216	PEDIATRICS	PEDIATRICS	PEDIATRICS	0031-4005	1098-4275	CLINICAL MEDICINE
9217	PEDOBIOLOGIA	PEDOBIOLOGIA	PEDOBIOLOGIA	0031-4856	null	ENVIRONMENT/ECOLOGY
9218	PEDOSPHERE	PEDOSPHERE	PEDOSPHERE	1002-0160	2210-5107	AGRICULTURAL SCIENCES
9219	PEPTIDES	PEPTIDES	PEPTIDES	0196-9781	1873-5169	BIOLOGY & BIOCHEMISTRY
9220	PERCEPTION	PERCEPTION	PERCEPTION	0301-0066	1468-4233	PSYCHIATRY/PSYCHOLOGY
9221	PERCEPTUAL AND MOTOR SKILLS	PERCEPT MOT SKILLS	PERCEPT MOTOR SKILL	0031-5125	null	PSYCHIATRY/PSYCHOLOGY

- Use the ESI journal list to find the journal and identify the ESI category to correctly compare papers of the same field
- Pediatrics is classified in 'Clinical Medicine'

Field Baselines

Field Baselines

Baselines are annualized expected citation rates for papers in a research field.

Citation Rates are yearly averages of citations per paper.

Citation Rates	RESEARCH FIELDS ▲	2005	2006	2007	2008	2009	2010	2011	2012
	ALL FIELDS	23.03	21.04	19.17	16.87	14.77	12.37	9.60	6.88
	AGRICULTURAL SCIENCES	17.46	16.00	13.92	11.45	9.88	8.29	6.30	4.47
Percentiles	BIOLOGY & BIOCHEMISTRY	32.88	29.84	26.59	23.64	20.84	16.92	12.91	9.14
	CHEMISTRY	22.97	21.19	19.32	18.44	16.25	14.36	11.59	8.99
Field Rankings	CLINICAL MEDICINE	27.13	24.43	21.11	18.44	16.08	13.17	10.16	7.22
	COMPUTER SCIENCE	7.62	7.17	10.06	9.04	8.34	6.72	5.15	3.42
	ECONOMICS & BUSINESS	18.74	16.58	13.66	10.89	9.23	7.28	5.25	3.27
	ENGINEERING	10.70	10.66	10.20	9.02	8.56	7.26	5.77	4.05
	ENVIRONMENT/EC OLOGY	28.03	24.83	22.30	19.61	16.38	13.80	10.82	7.60
	GEOSCIENCES	22.51	21.15	18.15	16.60	14.79	11.92	9.57	6.59
	PHYSICS	35.77	35.35	32.48	28.35	24.72	20.04	15.44	10.67

- Field baselines are also known as Average Citation Counts for the ESI discipline and year.
- The **average citation** count for Clinical Medicine papers PY 2011 is **10.16**
- The articles citation performance (**62 cites**) is **better than the average for the field**
- The baselines are updated from WOS CC every 2 months

View *Percentile Citation Thresholds* by Discipline and Published Year

Field Baselines

Baselines are annualized expected citation rates for papers in a research field.

Percentiles define levels of citation activity. The larger the minimum number of citations, the smaller the peer group.

Citation Rates	RESEARCH FIELDS ▲	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	CLINICAL MEDICINE ▲										
Percentiles	0.01%	2,303	1,486	1,588	1,291	1,306	925	789	647	350	
	0.10%	701	671	549	479	433	328	237	187	104	
Field Rankings	1.00%	225	197	173	151	130	105	79	55	34	
	10.00%	61	55	48	42	36	30	23	17	10	
	20.00%	36		29	25	22	18	14	10	6	
	50.00%		2	10	9	8	7	6	4	3	

- Using the percentiles we can measure the performance of a paper based in its citations compared to peer papers.
- To be a Highly Cited Paper in Clinical Medicine PY 2011, a paper must receive over 79 cites.
- Our paper currently has 62, therefore it is not classified as a Highly Cited Paper at this point in time, but it may become Highly Cited later on.
- Using the % ranges, the paper is placed in the **top 10% of its field**, on achieving more than 23 citations but less than 79.

Save Reports

Top Papers by Research Field

Results List: Institutions

Filter Results By: Add Filter »

Include Results For: Top Papers

Start Over Save Criteria

Map View by Top / Hot / High

Save Selection

Please specify a name for your selections:

Scottish Highly Cited Institutions

Save Cancel

My Saved Custom Report Selections [Delete]

Name	Dataset	Modified	Custom Report Selections
<input type="checkbox"/> Scottish Highly Cited Institutions	ESI InSubscription	05/02/2014	GroupBy:Institutions FilterBy:Territories FilterVa ...Show All

Export: PDF, CSV or Excel

Indicators

Top Papers by Research Field

Results List: Institutions

Filter Results By: Add Filter »

Include Results For: Top Papers

Start Over Save Criteria

Map View by Top / Hot / Highly Cited Papers

Report View by Selection Customize Indicators

	Institutions	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	UNIV EDINBURGH	34,968	702,578	20.09	990
2	UNIV GLASGOW	25,733	480,819	18.68	657
3	UNIV ABERDEEN	15,583	259,743	16.67	320
4	UNIV DUNDEE	10,447	237,294	22.71	270
5	UNIV ST ANDREWS	10,484	181,982	17.36	227
6	UNIV STRATHCLYDE	10,133	103,686	10.23	90
7	JAMES HUTTON INST	3,443	59,865	17.39	112
8	HERIOT WATT UNIV	5,705	50,175	8.79	51
9	UNIV STIRLING	3,829	44,367	11.59	52

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	Institutions	Web of Sc Cites	Cites/Paper	Top Papers	
6	1 UNIV EDINBURGH	34968	702578	20.09	990
7	2 UNIV GLASGOW	25733	480819	18.68	657
8	3 UNIV ABERDEEN	15583	259743	16.67	320
9	4 UNIV DUNDEE	10447	237294	22.71	270
10	5 UNIV ST ANDREWS	10484	181982	17.36	227
11	6 UNIV STRATHCLYDE	10133	103686	10.23	90
12	7 JAMES HUTTON INST	3443	59865	17.39	112
13	8 HERIOT WATT UNIV	5705	50175	8.79	51
14	9 UNIV STIRLING	3829	44367	11.59	52
15	10 NERC NATL ENVIRONM	2562	39350	15.36	104
16	11 WESTERN GEN HOSP	1438	38382	26.69	45
17	12 ROYAL INFIRM EDINBUR	2092	37792	18.07	48
18	13 BBSRC ROSLIN INST	1697	26208	15.44	23
19	14 BEATSON INST CANC RE	654	24189	36.99	23
20	15 ROYAL INFIRM	843	21694	25.73	24
21	16 NERC CTR ECOL & HYDR	1091	21574	19.77	68
22	17 WESTERN INFIRM & ASS	395	16641	42.13	14
23	18 GLASGOW CALEDONIAN	1894	16112	8.51	15
24	19 SCOTTISH AGR COLL	959	14079	14.68	8
25	20 NAPIER UNIV	1119	12566	11.23	19
26	21 NERC BRITISH GEOL SUR	1021	11557	11.32	13
27	22 MRC	440	11444	26.01	44
28	23 ROBERT GORDON UNIV	947	11257	11.89	10
29	24 UHI MILLENNIUM INST	862	10650	12.35	9
30	25 GARTNAVEL ROYAL HOS	762	10185	13.37	13
31	26 SCOTTISH UNIV RES & R	865	9738	11.26	4



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THANK YOU VERY MUCH!

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