

Citation analysis: Web of science, scopus

Golestan University of Medical Sciences
Information Management and Research Network

Citation Analysis

- Citation analysis is the study of the impact and assumed quality of an article, an author, or an institution based on the number of times works and/or authors have been cited by others
- Citation analysis is the examination of the frequency, patterns, and graphs of citations in documents. It uses the pattern of citations, links from one document to another document, to reveal properties of the documents. A typical aim would be to identify the most important documents in a collection. A classic example is that of the citations between academic articles and books.[1][2] The judgements produced by judges of law to support their decisions refer back to judgements made in earlier cases so citation analysis in a legal context is important. Another example is provided by patents which contain prior art, citation earlier patents relevant to the current claim.

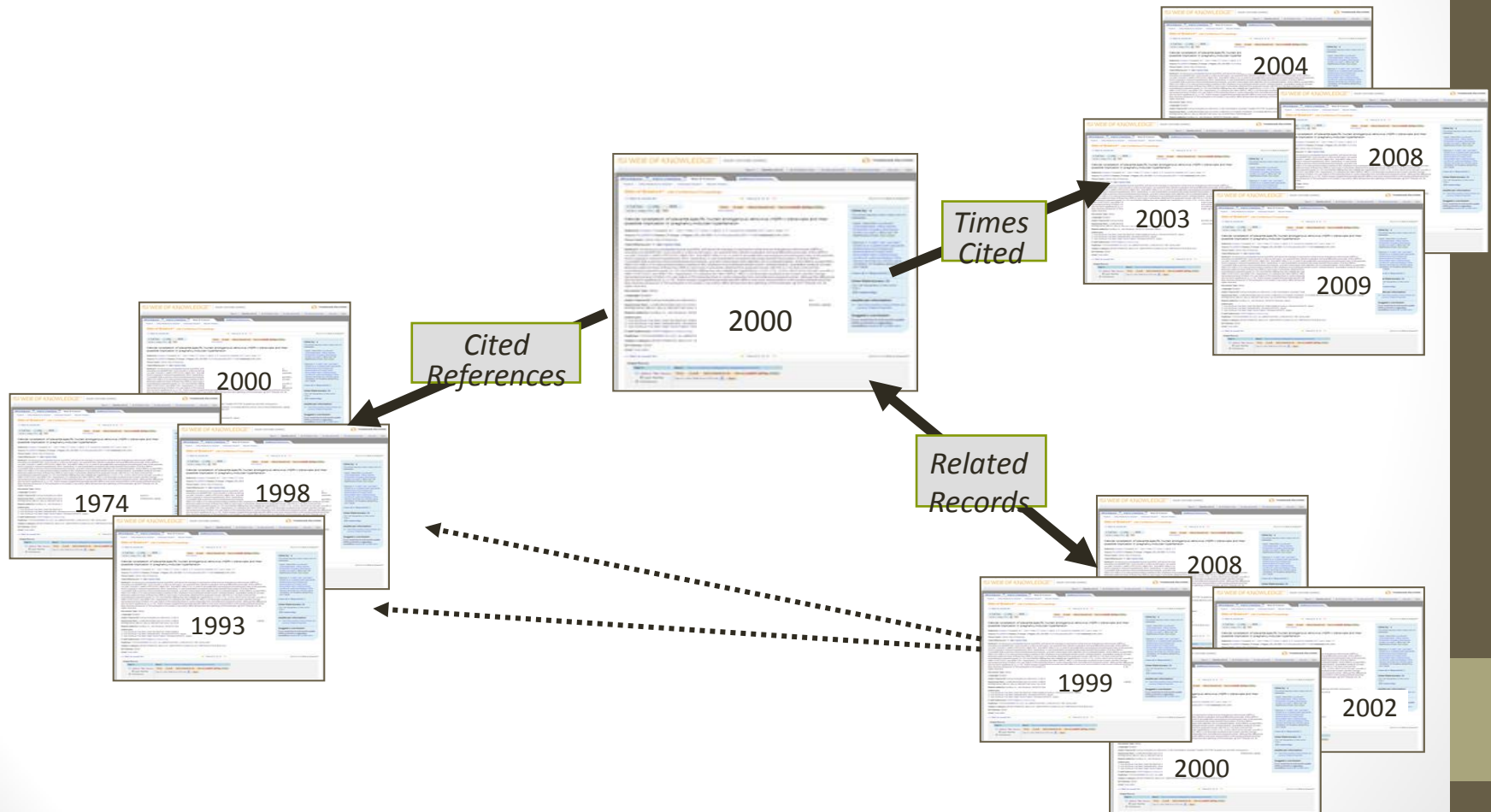
Citation Databases

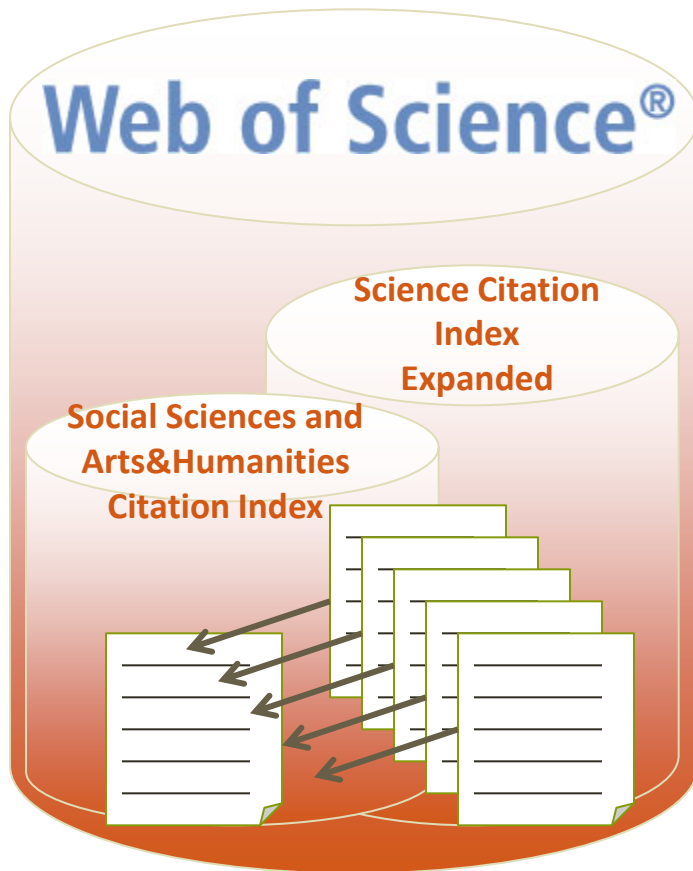
- **Citation databases** are **databases** that have been developed for evaluating publications. The **citation databases** enable you to count citations and check, for example, which articles or journals are the most cited ones
- In a citation database you get information about who has cited an article and how many times an author has been cited. You can also list all articles citing the same source.
- Most important citation database are
 - “[Web of Science](#)”,
 - “[Scopus](#)”
 - “[Google Scholar](#)”

Web of Sciences

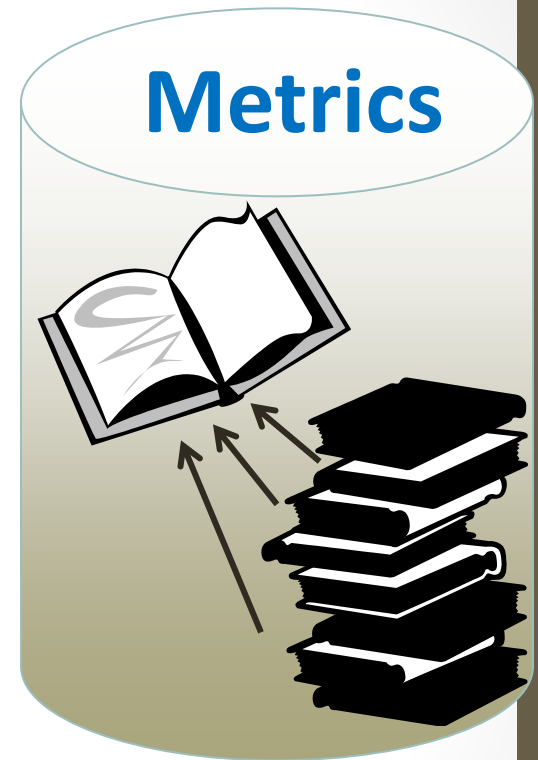
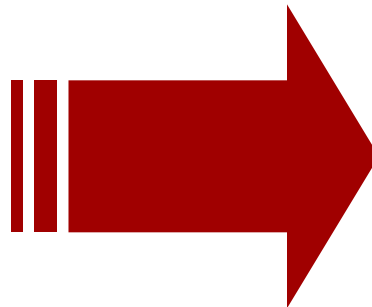
- **Web of Science is owned and produced by Thomson Reuters. WoS is composed of three databases containing citations from international scientific journals:**
 - Arts & Humanities Citation Index - AHCI
 - Social Sciences Citation Index - SSCI
 - Science Citation Index - SCI
- **Journal Coverage:**
 - Aims to include the best journals of all fields. Included journals are for example: European Journal of Marketing, Journal of Finance, Strategic Management Journal
- **Citation Coverage:**
 - Includes citations starting from the year 1945
 - Citations can be counted in a simple or complex manner, with different results
 - The Citation Report is easy to generate, but only counts references to articles that are also in the database.
 - Searching based on authors by using Cited Reference Search is more cumbersome, but will also return references to items outside of the database, including articles, conference proceedings, books, reports etc.

Web of Science – What is a citation?





Article-level data



Journal-level data
Researcher-level data
Institution-level data
Country/region-level data
Field/discipline-level data

Journal Citation Reports®

- The Journal Citation Reports module within InCites allows you to evaluate and compare journals using citation data drawn from approximately 12,000 scholarly and technical journals and conference proceedings from more than 3,300 publishers in over 60 countries. Journal Citation Reports is the only source of citation data on journals, and includes virtually all specialties in the areas of science, technology, and social sciences.
- JCR provides dynamic, interactive features supported by visualizations of JCR indicators that allow researchers and librarians, as well as publishers, to compare, evaluate and inform their decisions on published research in varying fields.

Key features in the Journal Citation Reports allow you to:

- **Focus on desired subject categories, enabling you to review journal titles and key performance indicators in the category;**
- **Compare multiple journals based on a chosen indicator;**
- **Evaluate the performance of journals in which you or your organization has published research;**
- **Recognize trending journals in key research categories;**
- **Identify the ideal journal in which to publish your forthcoming research;**

Journal Information Provided by JCR

- Total Cites
- Impact Factor
- 5-Year Impact Factor
- Immediacy Index
- Cited Half-Life
- Citing Half-Life
- Eigenfactor Score
- Article Influence

Below is only a simplified explanation of the metrics. For definitions and details, click the [help](#) in the JCR journal report pages

Total Cites	<i>Total number of citations for this journal in the JCR year</i>
Impact Factor	<i>On average, how many times an article in this journal is being cited – based on articles published in the <u>two</u> previous years</i>
5-Year Impact Factor	<i>On average, how many times an article in this journal is being cited – based on articles published in the <u>five</u> previous years</i>
Immediacy Index	<i>On average, how many times an article in this journal is being cited in the same year – based on last year's data (reflects more about the nature of the subject than journal quality)</i>
Cited Half-Life	<i>Indicates how far back the older articles in this journal are still being cited (reflects more about the nature of the subject than journal quality)</i>

Below is only a simplified explanation of the metrics. For definitions and details, click the [help](#) in the JCR journal report pages

Citing Half-Life	<i>Indicates how recent or how old the bibliography referred by articles in this journal are (reflects more about the nature of the subject than journal quality)</i>
Eigenfactor Score	<i>The Eigenfactor Score is some kinds of enhanced 5-year impact factor – by giving higher score for getting cited in more influential journals and eliminates self-citation</i>
Article Influence Score	<i>The Article Influence Score is derived from the Eigenfactor Score based on matching the share of the journal's influence against the share of the journal's share of articles. The neutral influence score is 1.00 – thus a journal with article influence score greater than 1.00 indicates that each article in the journal has above-average influence and vice versa</i>

Quartile Comparison (Q)

- Quartile Comparisons enable users to compare various quartile ranks from metrics for chosen journals within a given subject category. Users can see how each journal ranks within a given quartile, compared with other journals of their choosing, so long as each is categorized within the same subject. The ability to select multiple quartile metrics simultaneously allows for a comprehensive view of how each journal ranks within metrics for a given year.

The following example surveys three journals categorized within Food Science & Technology and quartile rankings for each of the available metrics.

Journal	JIF Quartile	JIF-JSC Quartile	5 Year IF Quartile	Immediac y Index Quartile	Eigenfacto r Quartile	Article Influence Score
Critical Reviews in Food Science and Nutrition	Q1	Q1	Q1	Q1	Q1	Q1
Food Biotechnol ogy	Q4	Q4	Q3	Q4	Q4	Q3
Food Chemistry	Q1	Q1	Q1	Q1	Q1	Q1

JOURNAL CITATION REPORT

The screenshot shows the Web of Science Journal Citation Reports interface. A red box highlights the 'Journal Citation Reports' tab in the top navigation bar. Another red box highlights the 'View Journal Information' link in the article details section. A third red box highlights the 'Abstract' section. A large red box on the right contains the Journal Citation Reports data for the article.

Access Journal Citation Reports from anywhere

View summary journal information within the Web of Science interface

Journal Citation Reports Data:

Impact Factor
.694 **1.024**
2012 5 year

JCR® Category	Rank in Category	Quartile in Category
ENGINEERING, MECHANICAL	69 of 125	Q3
MECHANICS	98 of 135	Q3
THERMODYNAMICS	36 of 55	Q3

Data from Journal Citation Reports®

Publisher
TAYLOR & FRANCIS INC, 325 CHESTNUT ST, SUITE 800, PHILADELPHIA, PA 19106 USA

ISSN
0145-7632 (print)

Research Domain
Thermodynamics
Engineering
Mechanics

Close Window

Article Details:

Review of the Manufacturing Techniques for Porous Media

By: Patil, CM (Patil, Chinmay M.)^[1]; Kandlikar, SG (Kandlikar, Satish G.)^[1]

HEAT TRANSFER ENGINEERING

Volume: 35 Issue: 10 Pages: 887-902
DOI: 10.1080/01457632.2014.862141
Published: JUL 3 2014

Abstract
Continuous development of high-performance microelectronic chips requires efficient heat fluxes while maintaining low thermal stresses. This paper presents a review of the manufacturing techniques of surfaces developed for microelectronic chips.

KeyWords Plus: HEAT-TRANSFER ENHANCEMENT; NANO-FLUIDS; COPPER; NANOTUBES; SMOOTH

JOURNAL CITATION REPORTS

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

WEB OF SCIENCE™ THOMSON REUTERS™

Back to Search My Tools Search History Marked List

Full Text Look up full-text Save to EndNote online Add to Marked List Back to List 2 of 475

Cancer treatment and survivorship statistics, 2012

By: Siegel, R (Siegel, Rebecca)¹; DeSantis, C (DeSantis, Carol); Virgo, K (Virgo, Karla); Smith, T (Smith, Tenbroeck)¹; Cooper, D (Cooper, Dexter)¹; Gansler, T (Gansler, Teri); Lin, Chunchieh); Leach, C (Leach, Corinne)¹; Cannady, RS (Cannady, Rachel Spiller); Hachey, M (Hachey, Mark)²; Kirch, R (Kirch, Rebecca); Jemal, A (Jemal, Ahmedin);

CA-A CANCER JOURNAL FOR CLINICIANS

Volume: 62 Issue: 4 Pages: 220-241

DOI: 10.3322/caac.21149

Published: JUL-AUG 2012

[View Journal Information](#)

Abstract

Although there has been considerable progress in reducing cancer incidence in the United States, the aging and growth of the population and improvements in survival rates. As a result, it is important for clinicians to be aware of resources that can assist patients, care for cancer survivorship. To highlight the challenges and opportunities to serve these survivors, we estimated the prevalence of cancer survivors on January 1, 2012 and January 1, 2022, based on (SEER) registries were used to describe median age and stage at diagnosis and survival. The National Cancer Database were used to describe patterns of cancer treatment. An estimated 13.7 million cancer survivors by January 1, 2022, that number will increase to nearly 18 million. The 3 most prevalent cancers are melanoma of the skin (7%), and those among females are breast (41%), uterine corpus cancer, survival rates, and posttreatment concerns and introduces the new National Cancer 100 volunteer survivorship experts nationwide to develop tools for cancer survivors, care for cancer J Clin 2012. Published 2012 American Cancer Society.

Keywords

KeyWords Plus: QUALITY-OF-LIFE; LONG-TERM SURVIVORS; ANDROGEN DEPRIVATION; BONE-MARROW-TRANSPLANTATION; SUPERFICIAL BLADDER-CANCER; LOCALIZED-CANCER; CHILDHOOD-CANCER

CA-A CANCER JOURNAL FOR CLINICIANS

JCR® Category	Quartile in Category
ONCOLOGY	Q1

Publisher

WILEY-BLACKWELL, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA

ISSN

0007-9235 (print)

Research Domain

Oncology

Close Window

JOURNAL CITATION REPORTS

CATEGORIES BY RANK

The data grid will always be the area that displays user's choices. The default view is the categories, ranked by number of journals (to correspond to the default visualization). This list can be sorted or customized. For users signed in with UNP, these selections are preserved from session to session.

Arrow indicates selected sorting option; all columns can be sorted

	Category	Edition	#Journals	Articles	Total Cites	Median Impact Factor	Aggregate Impact Factor
1	ECONOMICS	SSCI	332	16,299	449,229	0.786	
2	MATHEMATICS	SCIE	295	22,715	323,813	0.565	
3	BIOCHEMISTRY & MOLECULAR BIOLOGY	SCIE	290	5,808	1,787,978	2.879	
4	PHARMACOLOGY & PHARMACY	SCIE	260	3,194	1,787,978	2.879	
5	NEUROSCIENCES	SCIE	251	34,433	1,787,978	2.879	
6	MATHEMATICS, APPLIED	SCIE	247	23,467	341,263	0.742	
7	ENGINEERING, ELECTRICAL & ELECTRONIC	SCIE	242	4,239	808,925	1.104	
8	MATERIALS SCIENCE, MULTIDISCIPLINARY	SCIE	239	6,088	126,211	0.048	
9	EDUCATION & EDUCATIONAL RESEARCH	SSCI	216	8,888	126,211	0.048	
10	ENVIRONMENTAL SCIENCES	SCIE	209	35,100	1,787,978	2.879	
11	SURGERY	SCIE	198	3,794	1,787,978	2.879	
12	ONCOLOGY	SCIE	196	3,794	1,787,978	2.879	
13	PLANT SCIENCES	SCIE	195	1,787,978	1,787,978	2.879	

Click to customize data view

Closes without saving selections

Customize Indicators

- ☒ #Journals
- ☒ Articles
- ☒ Total Cites
- ☒ Median Impact Factor
- ☒ Aggregate Impact Factor
- ☒ Aggregate Immediacy Index
- ☒ Aggregate Cited Half-Life
- ☒ Aggregate Citing Half-Life

Saves selections and closes


Save

JOURNAL CITATION REPORTS

CATEGORIES BY RANK – filtering options

On Categories by Rank, this is the left navigation bar:

Go to Journal Profile

Master Search 

Select Journals

Select Categories

Select JCR Year

2012

Select Edition

☒ SCIE ☒ SSCI

Select Category

- ☐ TRANSPORTATION SCIENCE & TECHNOLOGY
- ☐ TROPICAL MEDICINE
- ☐ URBAN STUDIES
- ☐ UROLOGY & NEPHROLOGY
- ☐ VETERINARY SCIENCES
- ☐ VIROLOGY
- ☐ WATER RESOURCES
- ☐ WOMEN'S STUDIES
- ☐ ZOOLOGY

Clear **Submit**

- "Go to Journal Profile" is a master search tool.
- "Select Journals" and "Select Categories" allow the user to filter the data grid based on journal title or category name. Please note that in the Categories by Rank section, the resulting data grid will contain category-level data and the visualization will also display at the category level.
- "Select JCR Year" allows users to choose the year of the category-level data they wish to view.
- "Select Edition" allows users to choose which edition, Science Citation Index-Expanded or Social Science Citation Index, they wish to browse.
- Clicking "Clear" will restore the default view; clicking "Submit" will submit the selections and refresh the data grid.

JOURNAL CITATION REPORTS CATEGORIES BY RANK

Clicking any hyperlinked value will pop up a window displaying the calculations behind that value. Clicking on "Graph" in any column will bring up a graph of the relevant indicator or data point in the space below the table.

Home Category Profile breadcrumbs

Category name

Category Scope Note

BIOCHEMISTRY & MOLECULAR BIOLOGY

Biochemistry & Molecular Biology covers resources on general biochemistry and molecular biology topics such as carbohydrates, lipids, proteins, nucleic acids, genes, drugs, toxic substances, and other chemical or molecular constituents of cells, microbes, and higher plants and animals, including humans. Excluded are resources that are focus on biochemistry in cells, tissues or organs and those whose primary focus is the organism of study, e.g., plants, microbes, etc. Excluded, also, are resources that focus on methods in biochemistry or molecular biology.

Aggregate data for all years of category coverage

Year	Edition	# Journals Graph	Articles Graph	Total Cites Graph	Median Impact Factor Graph	Aggregate Impact Factor Graph	Aggregate Immediacy Index Graph	Aggregate Cited Half-Life Graph	Aggregate Citing Half-Life Graph
2012	SCIE	290	52,612	3,061,830	2.808	4.272	0.893	8.0	7.5
2011	SCIE	290	51,500	2,857,000	2.857	4.273	0.873	7.7	7.3
2010	SCIE	286	50,000	2,799,000	2.799	4.346	0.857	7.4	7.2
2009	SCIE	283	47,000	2,582,000	2.582	4.220	0.879	7.1	7.0
2008	SCIE	275	48,650	2,502,085	2.626	4.236	0.838	6.8	6.8
2007	SCIE	263	48,051	2,383,087	2.550	4.225	0.812	6.7	6.7
2006	SCIE	262	47,169	2,290,602	2.476	4.238	0.810	6.5	6.5
2005	SCIE	261	47,485	2,207,432	2.418	4.238	0.810	6.3	6.3
2004	SCIE	261	48,319	2,142,579	2.418	4.238	0.810	6.2	6.2
2003	SCIE	261	46,349	2,018,095	2.240	4.326	0.788	6.0	6.0
2002	SCIE	266	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
2001	SCIE	308	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
2000	SCIE	310	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
1999	SCIE	295	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
1998	SCIE	295	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
1997	SCIE	253	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Clicking "Graph" takes users to the graph for the selected indicator or data point

Years in which the category was not covered in JCR do not have available data

Hyperlinked values pop up calculations

JOURNAL CITATION REPORTS

JOURNAL BY RANK – filtering

Go To Journal Profile

Master Search

Compare Journals

View Title Changes

Select Journals

Select Categories

Select JCR Year

2012

Select Edition

☒ SCIE ☒ SSCI

Category Schema

Web of Science

JIF Quartile

Select Publisher

Select Country/Territory

Impact Factor Range

0.000 to

1.000

2.000

3.000

4.000

5.000

6.000

7.000

8.000

9.000

10.000

- Many filtering options (Journal Profile, Journals, Categories, JCR Year, & Edition) are the same as on the Categories by Rank page.
- “Compare Journals” will take users to the Compare Journals component.
- “View Title Changes” shows the title changes **for the selected JCR Year**.
- “Select Category Scheme” allows users to view ranked lists of journal using either the WOS or ESI category scheme.
- “JIF Quartile” allows users to choose which quartile’s journals to view
- “Select Publisher” and “Select Country/Territory” allow users to filter based on publisher or country of origin.
- “Impact Factor Range” allows users to choose their preferred range of Impact Factor via a drop-down list.

JOURNAL CITATION REPORTS

JOURNAL BY RANK – filtering

Go to Journal Profile

Master Search

Compare Journals

View Title Changes

Select Journals

Select Categories

Select JCR Year

2012

Select Edition

☒ SCIE ☒ SSCI

Category Schema

Web of Science

JIF Quartile

Select Publisher

Select Country/Territory

Impact Factor Range

to

Clear Submit

Journals By Rank

Categories By Rank

Journal

Search Journals

nature

NATURE

NATURE & RESOURCES

NATURE BIOTECHNOLOGY

NATURE CELL BIOLOGY

NATURE GENETICS

NATURE IMMUNOLOGY

NATURE MATERIALS

NATURE MEDICINE

NATURE METHODS

NATURE NEUROSCIENCE

NATURE REVIEWS CANCER

NATURE REVIEWS DRUG DISCOVERY

Full Journal Title

Total Cites

Journal Impact

5 Year Impact

1 GLOBE

2 DIVER

3 ECOG

4 Cons

5 CONSERVATION BIOLOGY 15,836 4.355 5.462

6 BIOLOGICAL CONSERVATION 17,725 3.794 4.241

BULLETIN OF THE AMERICAN

Search for specific journals to create a custom list.
Auto-completes any title you type in

JOURNAL CITATION REPORTS

JOURNAL BY RANK – filtering

The screenshot displays the 'Journals By Rank' tab in the Journal Citation Reports interface. A red arrow points from the 'Select Categories' link in the left sidebar to the 'Select Category' modal. The modal lists various subject categories with checkboxes. Below the modal, a table shows journal titles ranked by impact factor.

Select Category

- ☐ ACOUSTICS
- ☒ AGRICULTURAL ECONOMICS & POLICY
- ☒ AGRICULTURAL ENGINEERING
- ☒ AGRICULTURE, DAIRY & ANIMAL SCIENCE
- ☒ AGRICULTURE, MULTIDISCIPLINARY
- ☐ AGRONOMY
- ☐ ALLERGY
- ☐ ANATOMY & MORPHOLOGY
- ☐ A...

Select a subject category or categories to see all journals

Rank	Journal Title	Impact Factor	5-Year Impact Factor	5-Year h-index
1	GLOBE			
2	DIVER			
3	ECOGRAPHY	6,416	5.124	5.791
4	Conservation Letters	833	4.356	4.717
5	CONSERVATION BIOLOGY	15,836	4.355	5.462
6	BIOLOGICAL CONSERVATION	17,725	3.794	4.241

BULLETIN OF THE AMERICAN

JOURNAL CITATION REPORTS

JOURNAL BY RANK – filtering

The screenshot displays the 'Journals By Rank' section of the Journal Citation Reports interface. The left sidebar contains navigation links and filters. The main area shows a list of journals ranked by impact factor, with a network visualization in the background.

Left Sidebar Filters:

- Go to Journal Profile
- Master Search
- Compare Journals
- View Title Changes
- Select Journals
- Select Categories
- Select JCR Year: 2012
- Select Edition: ☒ SCIE ☒ SSCI
- Category Schema: Web of Science
- JIF Quartile
- Select Publisher
- Select Country/Territory
- Impact Factor Range: [] to []
- Clear Submit

JIF Quartile Filter:

Q1 ☐ Q2 ☐ Q3 ☐ Q4 ☐

Limit your analysis to only those journals in certain quartiles of their subject area

Journal List:

	Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor
1	GLOBAL CHANGE BIOLOGY	18,398	6.910	7.819
2	DIVERSITY AND DISTRIBUTION			
3	ECOGRAPHY			
4	Conservation Letters			
5	CONSERVATION BIOLOGY	13,838	4.333	3.402
6	BIOLOGICAL CONSERVATION	17,725	3.794	4.241
	BULLETIN OF THE AMERICAN			

Or limit to a specific range of Impact Factors

JOURNAL CITATION REPORTS

JOURNAL BY RANK – journal profile page

The top of the Journal Profile Page contains the name of the journal, publishing information, title information, category listings (hovering over the category name will pop up Scope Notes for that category), languages, publication frequency, and whether or not that journal is an Open Access (OA) title. Links to Current Contents Connect and Ulrich's also appear in this section.

The screenshot shows the Journal Profile page for the journal **ALLERGY**. The page layout includes a breadcrumb trail at the top, journal details on the left, and a sidebar on the right. Annotations with arrows point to specific elements:

- breadcrumbs**: Points to the breadcrumb trail: Home > Journal Rankings > Journal Profile.
- Whether a journal has OA status and the relevant dates are listed**: Points to the "Open Access: From 1997 to 2021" text in the sidebar.
- links to CC Connect and Ulrich's**: Points to the "Go to Ulrich's" link in the left sidebar.

Journal Details (Left Sidebar):

- ALLERGY**
- ISSN: 0105-4538**
- WILEY-BLACKWELL
- 111 RIVER ST, HOBOKEN 07030-5774, NJ, ENGLAND
- [Go to Journal Table of Contents](#)
- [Go to Ulrich's](#)

Journal Information (Right Sidebar):

- Titles**
 - ISO: Allergy
 - JCR Abbrev: ALLERGY
- Categories**
 - [ALLERGY - SCIE](#)
 - [IMMUNOLOGY - SCIE](#)
- Languages**
 - ENGLISH
- 12 Issues/Year, **Open Access: From 1997 to 2021**

JOURNAL CITATION REPORTS

JOURNAL BY RANK – key indicators

- Directly below the journal information is a table containing all of the key indicators for that journal. This table contains data for all the years of coverage. For years the journal was not covered or was suppressed, data columns are marked as "Not Available." Also, data columns may indicate "Not Available" if the particular indicator had not yet been included in JCR.

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
	Clicking the Graph link will display a graph of the selected indicator	5.883	5.060	Clicking any hyperlinked value will pop up the calculations for that value		193	6.0	5.6	0.02783	1.629
		6.271	5.786					2	0.03146	1.752
		6.297	5.731					5	0.02644	1.356
2009	10,370	6.380	5.519	5.735	1.366			0	0.02796	1.389
2008	9,947	6.204	5.221	5.553	1.362			4	0.02889	1.354
2007	8,112	5.014	4.272	4.336	0.899	188	5.4	6.2	0.02562	1.122
2006	7,992	5.334	4.254	Not Avail...	1.361	205	5.2	5.7	Not Avail...	Not Avail...
2005	6,567	4.120	3.262	Not Avail...	0.886	211	5.4	6.4	Not Avail...	Not Avail...
2004	6,450	3.496	2.688	Not Avail...	0.920	175	5.4	6.1	Not Avail...	Not Avail...
2003	6,108	3.161	2.632	Not Avail...	0.321	184	5.5	6.2	Not Avail...	Not Avail...
2002	5,714	3.666	2.747	Not Avail...	0.401	207	4.9	6.3	Not Avail...	Not Avail...
2001	5,900	2.852	2.390	Not Avail...	0.458	201	5.2	6.0	Not Avail...	Not Avail...
2000	4,592	2.385	2.075	Not Avail...	0.296	240	5.1	6.3	Not Avail...	Not Avail...
1999	4,383	1.801	1.491	Not Avail...	0.143	294	5.1	6.2	Not Avail...	Not Avail...
1998	4,003	1.667	1.343	Not Avail...	0.173	294	5.3	6.3	Not Avail...	Not Avail...
1997	3,253	2.015	1.634	Not Avail...	0.219	278	4.9	6.7	Not Avail...	Not Avail...

Analysis Tools

Analyze Results

- extract citation data from a selected field (e.g. source title, country, author), and produces a report showing the values in ranked order

Create Citation Report

- view aggregate citation statistics for a set of search results
- e.g. breakdown of citations over years, average citations per year

Analysis Tools

Results: 1,133

(from Web of Science Core Collection)

You searched for:

TOPIC: ("education reform") ...More

 Create Alert

Refine Results

Search within results for...



Web of Science Categories

- ☐ EDUCATION EDUCATIONAL RESEARCH (742)
- ☐ POLITICAL SCIENCE (45)
- ☐ SOCIOLOGY (41)
- ☐ ECONOMICS (36)
- ☐ EDUCATION SCIENTIFIC DISCIPLINES (33)

more options / values...

Refine

Document Types

- ☐ ARTICLE (934)
- ☐ BOOK REVIEW (110)
- ☐ EDITORIAL MATERIAL (37)
- ☐ PROCEEDINGS PAPER (37)
- ☐ REVIEW (34)

more options / values...

Refine

Research Areas

Authors

Group Authors

Sort by: Times Cited -- highest to lowest

Page 1 of 114

☐ Select Page



Save to EndNote online

Add to Marked List

- ☐ 1. **Policy entrepreneurs and the diffusion of innovation**

By: Mintrom, M
AMERICAN JOURNAL OF POLITICAL SCIENCE Volume: 41 Issue: 3 Pages: 738-770 Published: JUL 1997

Full Text

View Abstract

- ☐ 2. **INCLUSIVE SCHOOLS MOVEMENT AND THE RADICALIZATION OF SPECIAL-EDUCATION REFORM**

By: FUCHS, D; FUCHS, LS
EXCEPTIONAL CHILDREN Volume: 60 Issue: 4 Pages: 294-309 Published: FEB 1994

Full Text

View Abstract

- ☐ 3. **Scientific literacy: Another look at its historical and contemporary meanings and its relationship to science education reform**

By: DeBoer, GE
JOURNAL OF RESEARCH IN SCIENCE TEACHING Volume: 37 Issue: 6 Pages: 582-601 Published: AUG 2000

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- ☐ 4. **MOTIVATION AND STRATEGY USE IN SCIENCE - INDIVIDUAL-DIFFERENCES AND CLASSROOM EFFECTS**

By: ANDERMAN, EM; YOUNG, AJ
JOURNAL OF RESEARCH IN SCIENCE TEACHING Volume: 31 Issue: 8 Pages: 811-831 Published: OCT 1994

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- ☐ 5. **RECONSTRUCTING MATHEMATICS PEDAGOGY FROM A CONSTRUCTIVIST PERSPECTIVE**

By: SIMON, MA
JOURNAL FOR RESEARCH IN MATHEMATICS EDUCATION Volume: 26 Issue: 2 Pages: 114-145 Published: MAR 1995

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- ☐ 6. **Linking teacher and student learning to improve professional development in systemic reform**

By: Fishman, BJ; Marx, RW; Best, S; et al.
TEACHING AND TEACHER EDUCATION Volume: 19 Issue: 6 Pages: 643-658 Published: AUG 2003

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- ☐ 7. **Education-finance reform and the distribution of education resources**

By: Murray, SE; Evans, WN; Schwab, RM
AMERICAN ECONOMIC REVIEW Volume: 88 Issue: 4 Pages: 789-812 Published: SEP 1998

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Analyze Results

Create Citation Report

Times Cited: 277
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Analysis tools

(from Web of Science Core Collection)

Times Cited: 140
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Times Cited: 129
(from Web of Science Core Collection)

Times Cited: 118
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Times Cited: 108
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Times Cited: 108
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1. Analyze Results

Results Analysis

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1,133 records. TOPIC: ("education reform")

Max number of items to display:
top 500 results

Rank the records by this field:	Set display options:	Sort by:
<div>Publication Years Research Areas Source Titles Web of Science Categories</div>	Show the top <input type="text" value="10"/> Results. Minimum record count (threshold): <input type="text" value="2"/>	<input checked="" type="radio"/> Record count <input type="radio"/> Selected field

Analyze

You can rank the search results with different field options, e.g. source titles

Use the checkboxes below to view the records. You can choose to view those selected records, or you can exclude them (and view the others).

<input checked="" type="checkbox"/> View Records <input checked="" type="checkbox"/> Exclude Records	Field: Source Titles	Record Count	% of 1133	Bar Chart	Save Analysis Data to File <input checked="" type="radio"/> Data rows displayed in table <input type="radio"/> All data rows (up to 200,000)
<input type="checkbox"/>	JOURNAL OF RESEARCH IN SCIENCE TEACHING	41	3.619 %		
<input type="checkbox"/>	EDUCATIONAL POLICY	35	3.089 %		
<input type="checkbox"/>	PHI DELTA KAPPAN	28	2.471 %		
<input type="checkbox"/>	INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT	27	2.383 %		
<input type="checkbox"/>	JOURNAL OF EDUCATION POLICY	24	2.118 %		
<input type="checkbox"/>	SCIENCE EDUCATION	24	2.118 %		
<input type="checkbox"/>	TEACHING AND TEACHER EDUCATION	24	2.118 %		
<input type="checkbox"/>	COMPARATIVE EDUCATION REVIEW	23	2.030 %		
<input type="checkbox"/>	JOURNAL OF TEACHER EDUCATION	22	1.942 %		
<input type="checkbox"/>	TEACHERS COLLEGE RECORD	22	1.942 %		
<input checked="" type="checkbox"/> View Records <input checked="" type="checkbox"/> Exclude Records	Field: Source Titles	Record Count	% of 1133	Bar Chart	Save Analysis Data to File <input type="radio"/> Data rows displayed in table <input type="radio"/> All data rows (up to 200,000)

(144 Source Titles value(s) outside display options.)

e.g. Rank the journals by
number of articles on
this topic

2. Create Citation Report

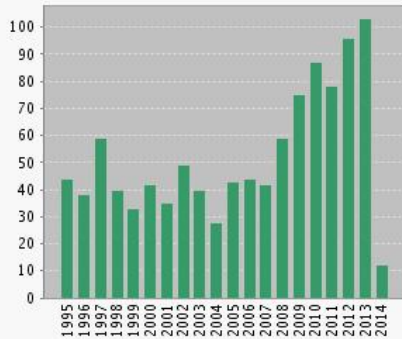
Citation Report: 1133

(from Web of Science Core Collection)

You searched for: TOPIC: ("education reform") ...More

This report reflects citations to source items indexed within Web of Science Core Collection. Perform a Cited Reference Search to include citations to items not indexed within Web of Science Core Collection.

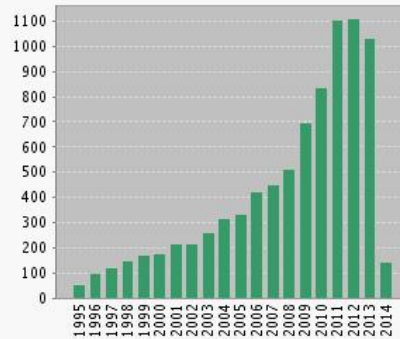
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Citations in Each Year



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Citation statistics of records found

Results found: 1133

Sum of the Times Cited [?] : 8476

Sum of Times Cited without self-citations [?] : 8108

Citing Articles: [?] : 7195

Citing Articles without self-citations [?] : 6982

Average Citations per Item [?] : 7.48

h-index [?] : 38

Sort by: Times Cited -- highest to lowest

Page 1 of 114

Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between 1992 and 2014 Go

- ☐ 1. **Policy entrepreneurs and the diffusion of innovation**
By: Mintrom, M
AMERICAN JOURNAL OF POLITICAL SCIENCE Volume: 41 Issue: 3 Pages: 738-770 Published: JUL 1997
- ☐ 2. **INCLUSIVE SCHOOLS MOVEMENT AND THE RADICALIZATION OF SPECIAL-EDUCATION REFORM**
By: FUCHS, D; FUCHS, LS
EXCEPTIONAL CHILDREN Volume: 60 Issue: 4 Pages: 294-309 Published: FEB 1994
- ☐ 3. **Scientific literacy: Another look at its historical and contemporary meanings and its relationship to science education reform**
By: DeBoer, GE
JOURNAL OF RESEARCH IN SCIENCE TEACHING Volume: 37 Issue: 6 Pages: 582-601 Published: AUG 2000

Most highly cited article

2010	2011	2012	2013	2014	Total	Average Citations per Year
835	1107	1109	1033	144	8476	368.52
25	41	31	25	1	277	15.39
4	13	9	3	1	221	10.52
16	22	18	14	1	140	9.33

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- **Citation Coverage:**
 - Only indexes citations starting from 1996
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 - Use Citation Tracker to generate analyses on up to 5000 publications
 - Citations per year and per publication (with or without self-citations), h-index

SCImago

- The SCImago Journal & Country Rank is a publicly available portal that includes the journals and country scientific indicators developed from the information contained in the Scopus® database (Elsevier B.V.). These indicators can be used to assess and analyze scientific domains. Journals can be compared or analysed separately. Country rankings may also be compared or analysed separately. Journals can be grouped by subject area (27 major thematic areas), subject category (313 specific subject categories) or by country. Citation data is drawn from over 21,500 titles from more than 5,000 international publishers and country performance metrics from 239 countries worldwide. The SJCR allows you also to embed significative journal metrics into your web as a clickable image widget

Scopus Metrics

- **CiteScore**
- **Snip**
- **SJR**
- **...**

CiteScore

- Calculating CiteScore is simple and is based on the average citations received per document. CiteScore is the number of citations received by a journal in one year to documents published in the three previous years, divided by the number of documents indexed in Scopus published in those same three years.



SJR (SCImago Journal Rank)

- *SJR* is weighted by the prestige of a journal. Subject field, quality, and reputation of the journal have a direct effect on the value of a citation.
- *SJR* assigns relative scores to all of the sources in a citation network. Its methodology is inspired by the Google PageRank algorithm, in that not all citations are equal. A source transfers its own 'prestige', or status, to another source through the act of citing it. A citation from a source with a relatively high *SJR* is worth more than a citation from a source with a lower *SJR*.

SNIP (Source Normalized Impact per Paper)

- *SNIP* measures a source's contextual citation impact by weighting citations based on the total number of citations in a subject field. It helps you make a direct comparison of sources in different subject fields.
- *SNIP* takes into account characteristics of the source's subject field, which is the set of documents citing that source. *SNIP* especially considers
 - the frequency at which authors cite other papers in their reference lists
 - the speed at which citation impact matures
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- *SNIP* is the ratio of a source's average citation count per paper and the citation potential of its subject field.

Journal Rank

SJR

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1 Nature Reviews Molecular Cell Biology	journal	32.928 Q1	324	170	539	8084	7978	202	37.10	47.55	
2 Annual Review of Immunology	journal	32.720 Q1	254	26	74	5684	2937	74	35.72	218.62	
3 Nature Reviews Genetics	journal	32.615 Q1	267	157	676	6584	8171	212	36.13	41.94	

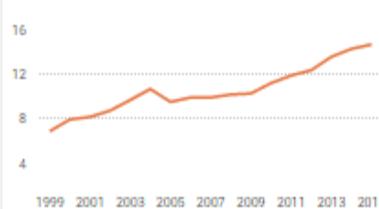
New England Journal of Medicine

Country	United States	801	H Index
Subject Area and Category	Medicine Medicine (miscellaneous)		
Publisher	Massachusetts Medical Society		
Publication type	Journals		
ISSN	00284793, 15334406		
Coverage	1945-ongoing		

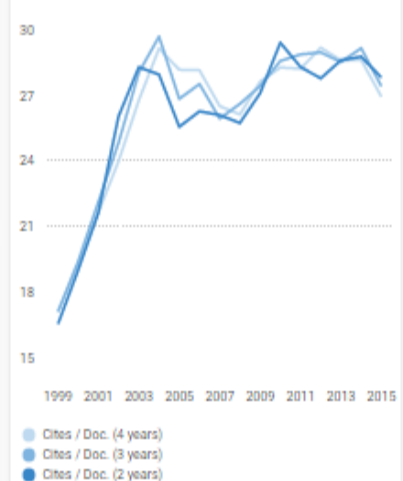
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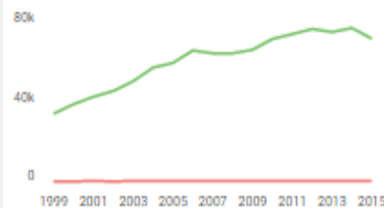
SJR



Citations per document



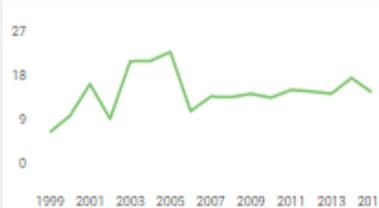
Total Cites Self-Cites



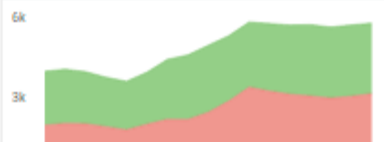
External Cites per Doc Cites per Doc



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Citable documents Non-citable documents



Cited documents Uncited documents



New England Journal of Medicine		
Indicator	2006-2015	Value
SJR		14.62
Cites per doc		27.78

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2	 China	4076414	4017123	24175067	13297607	5.93	563
3	 United Kingdom	2624530	2272675	50790508	11763338	19.35	1099
4	 Germany	2365108	2207765	40951616	10294248	17.31	961
5	 Japan	2212636	2133326	30436114	8352578	13.76	797
6	 France	1684479	1582197	28329815	6194966	16.82	878
7	 Canada	1339471	1227622	25677205	4699514	19.17	862

All subject areas

H index	Documents	Citations	Citations per document
199	333474	1954324	5.86

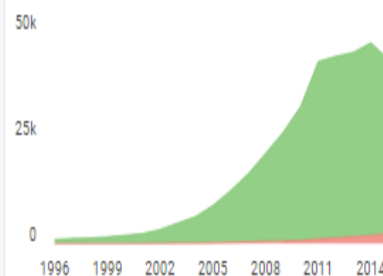
Citable documents



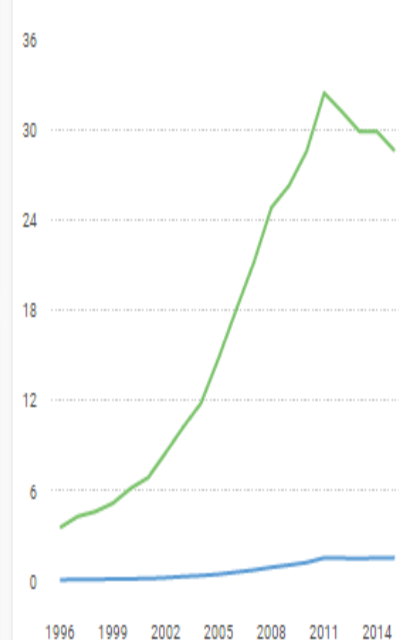
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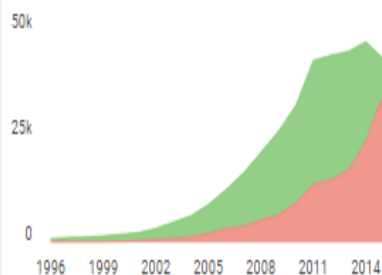
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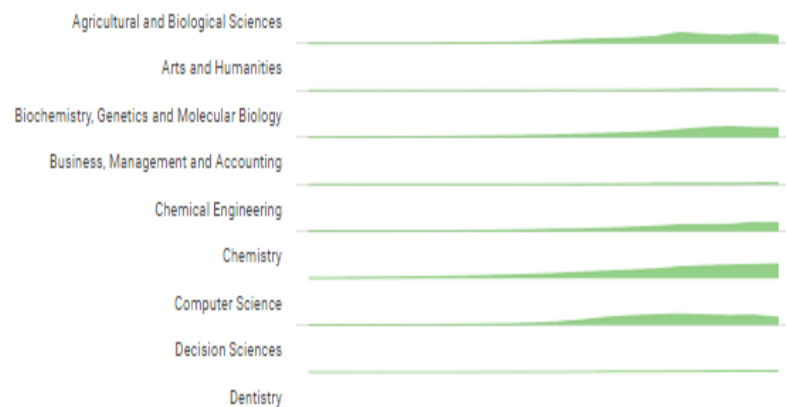
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Documents by subject areas



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

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Author Name

- ☐ Semnani, S. (85)
- ☐ Marjani, A. (72)
- ☐ Moradi, A. (60)
- ☐ Roshandel, G. (56)
- ☐ Besharat, S. (54)

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- ☐ Medicine (1,032)

- ☐ The effect of integrated third-party reproduction counseling on egg donation recipients' attitude towards assisted reproductive techniques
1 Baniaghil, A.S., Abolkheir, A.Z., Keshavarz, A., Ahmadi, S.M., Vakili, M.A. 2017 Iranian Journal of Obstetrics, Gynecology and Infertility 0

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- ☐ Predictive modeling of survival/death of *Listeria monocytogenes* in liquid media: Bacterial responses to cinnamon essential oil, ZnO nanoparticles, and strain
2 Abdollahzadeh, E., Ojagh, S.M., Hosseini, H., Irajian, G., Ghaemi, E.A. 2017 Food Control 0

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- ☐ Gestational diabetes influences retinal muller cells in rat's offspring
3 Tabasi, A., Ghafari, S., Mehdizadeh, M., Shekari, M.A., Golalipour, M.J. 2017 Iranian Journal of Basic Medical Sciences 0

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- ☐ Gestational diabetes leads to down-regulation of CDK4-pRB-E2F1 pathway genes in pancreatic islets of rat offspring
4 Nazari, Z., Nabiuni, M., Saeidi, M., Golalipour, M.J. 2017 Iranian Journal of Basic Medical Sciences 0

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- ☐ Determinative Effects of Fat Replacement and Homogenization on the Sensory and Rheological Properties of Low-Fat Mozzarella
5 Tahereh, J., Mahin, A., Mojtaba, R. 2017 Journal of Food Processing and Preservation 0

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2014	177
2013	170
2012	167
2011	129
2010	98
2009	61
2008	54
2007	54
2006	26
2005	10
2004	1
2003	1
2002	0
2001	0

Documents by year

