

Elsevier Research Intelligence

# Scopus: how to use analysis tools in your research

Presenter:

**Kai Wan**

**Product Manager Scopus**

Moderator:

**Susanne Steinginga**

**Product Manager Scopus Content**

April 21, 2016

Empowering Knowledge

# We suggest viewing the presentation in full screen



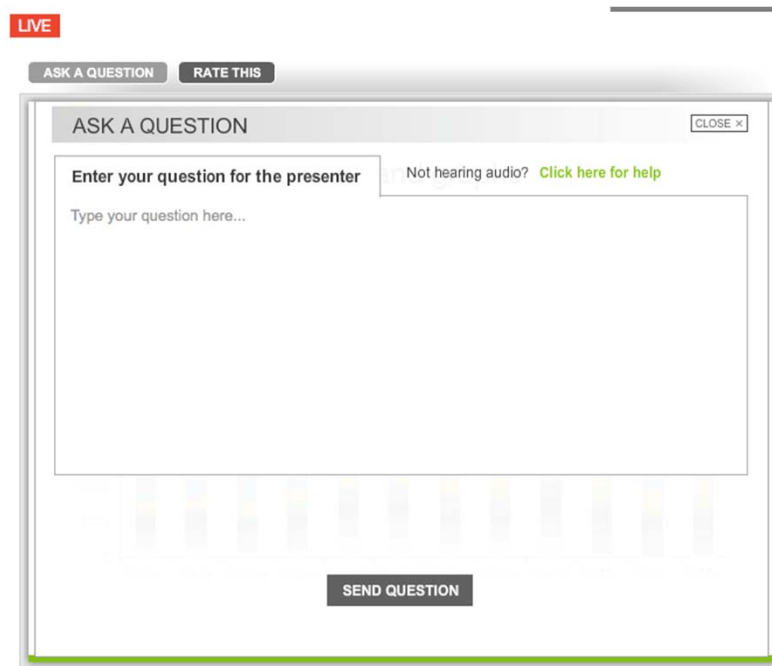
## Agenda for today's webinar

- Introduction to Scopus, in brief
- The four main Scopus analysis tools:
  - (1) Analyze Results
  - (2) View Citation Overview
  - (3) Browse Source & Compare Journals
  - (4) Scopus Profiles – Analyze Author output
- Questions



## What you should do if you have questions

You are welcome to submit questions by using the “Ask a Question” feature on your screen. At the end of the presentation, the moderator will choose a few of the questions to answer.



The screenshot shows a live session interface. At the top, there is a red 'LIVE' indicator. Below it are two buttons: 'ASK A QUESTION' and 'RATE THIS'. The main window is titled 'ASK A QUESTION' and has a 'CLOSE X' button in the top right corner. Inside the window, there is a text input field with the placeholder 'Type your question here...'. Above the input field, there is a label 'Enter your question for the presenter' and a link 'Not hearing audio? Click here for help'. At the bottom of the window, there is a 'SEND QUESTION' button.



Today, we'll be live Tweeting using the **#scopusfocus**



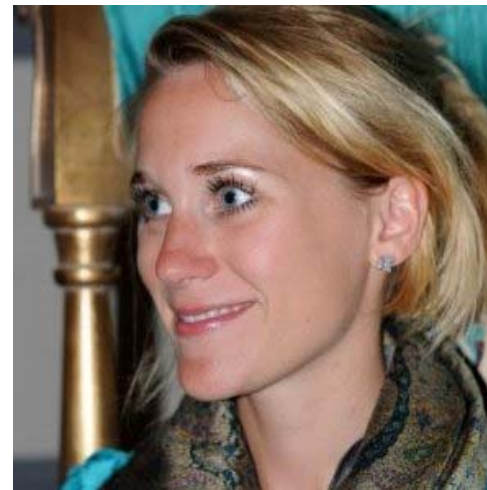
## Meet today's Moderator and Presenter

**Your presenter:**



**Kai Wan**  
Product Manager Scopus

**Your moderator:**



**Susanne Steinginga**  
Product Manager Scopus Content

# Introduction to Scopus, in brief

# What is Scopus?

Scopus is the largest abstract and citation database of peer-reviewed literature, and features smart tools that allow you to track, analyze and visualize scholarly research.

**Scopus**

Scopus | SciVal | Library catalogue | Register | Login | Help

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**Search** | Alerts | Lists | My Scopus

The Cited Reference Expansion project hits milestone: 5M records added.

**Document search** | Author search | Affiliation search | Advanced search | Browse Sources | Compare journals

Search for...  
Eg., "heart attack" AND stress

Article Title, Abstract, Keywords

?

+ Add search field

Limit to:

Date Range (inclusive)

☒ Published 

All years

 to 

Present

☐ Added to Scopus in the last 

7

 days

Subject Areas

☒ Life Sciences (> 4,300 titles . . )  
☒ Health Sciences (> 6,800 titles . 100% Medline coverage )

Document Type

ALL

☒ Physical Sciences (> 7,200 titles . . )  
☒ Social Sciences & Humanities (> 5,300 titles . . )

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## Scopus includes content from more than 5,000 publishers and more than 105 different countries

**61.0M** records from **22K** serials, **90K** conferences and **>120K** books

- Updated daily
- “Articles in Press” from > 3,750 titles
- 40 different languages covered
- 3,715 active Gold Open Access journals indexed

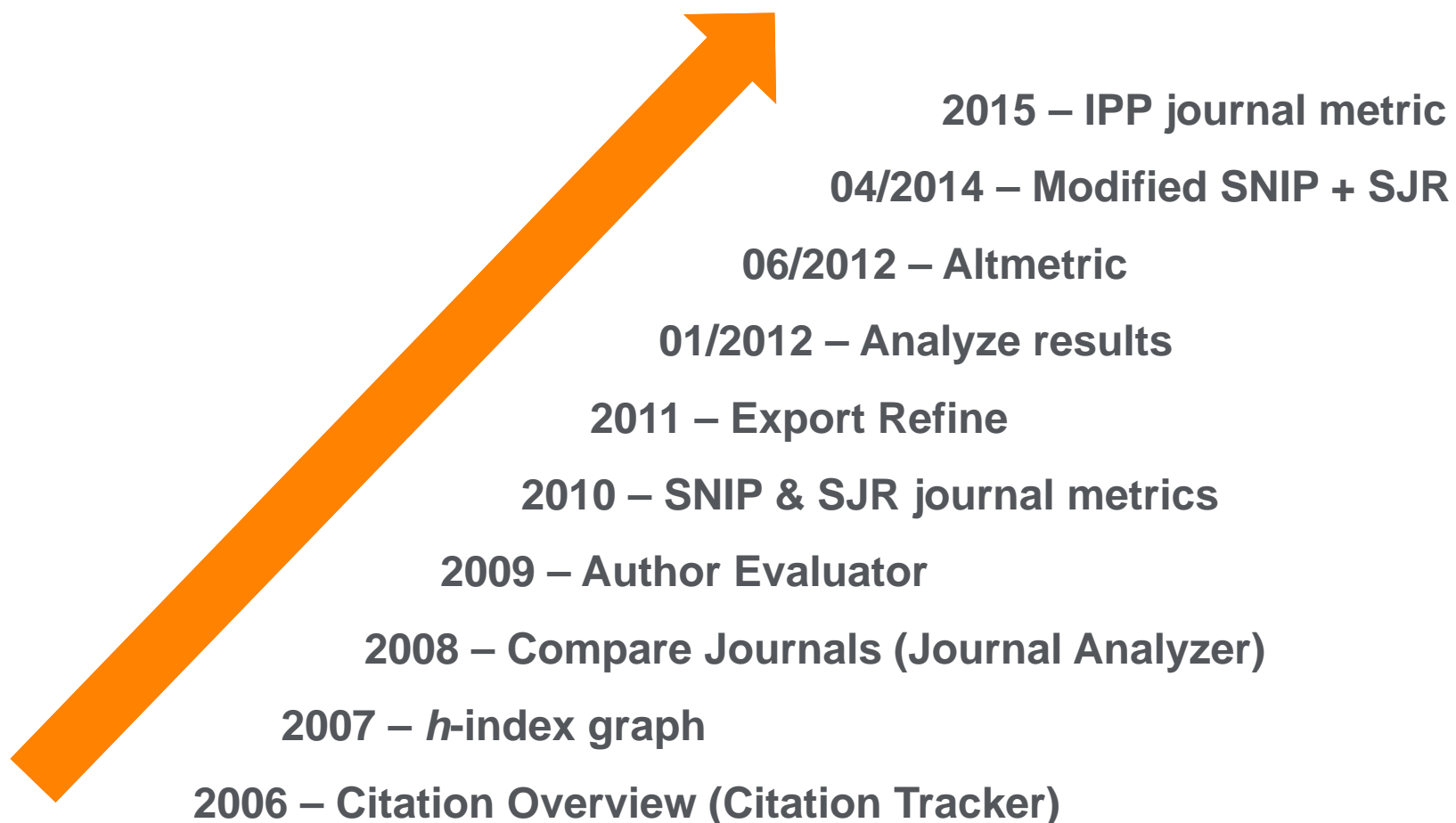
	JOURNALS	CONFERENCES	BOOKS
Physical Sciences <b>7,443</b>	<b>22,460</b> peer-reviewed journals	<b>90K</b> conference events	<b>531</b> book series
Health Sciences <b>6,795</b>	<b>361</b> trade journals	<b>7.3M</b> conference papers	<b>30K</b> Volumes / <b>1.2M</b> items
Social Sciences <b>8,086</b>			<b>123,790</b> stand-alone books
Life Sciences <b>4,492</b>	Full metadata, abstracts and cited references (ref's post-1995 only)	Mainly Engineering and Computer Sciences	<b>&gt;1M</b> items
			Focus on Social Sciences and A&H



# Scopus helps researchers succeed with common research workflows



## Evolution of Analysis Tools in Scopus



# Research Tool #1: Analyze Results

## What are scenarios for using the Analyze Results tool?



Perform basic publication, author and affiliation research output analyses

Visualize the research landscape holistically

Provide starting points for your research workflow needs

## Use the “refine panel” to narrow down your analysis overview to improve accuracy

**Search**    Alerts    Lists    My Scopus

---

TITLE-ABS-KEY ( diabetes )   Edit   Save   Set alert   Set feed

**674,687 document results**

new secondary documents | View 29534 patent results | Search your library | **Analyze search results**   Sort on: Date Cited by Relevance ...

Search within results...   BibTeX export   Download   View citation overview   View Cited by   Save to list   More...   Show all abstracts

**Refine**

Limit to   Exclude

**Source Title**

- ☐ Diabetes Care (15,259)
- ☐ Diabetes (11,908)
- ☐ Diabetologia (9,191)
- ☐ Diabetic Medicine (6,503)
- ☐ Diabetes Research and Clinical Practice (5,302)

**Year**

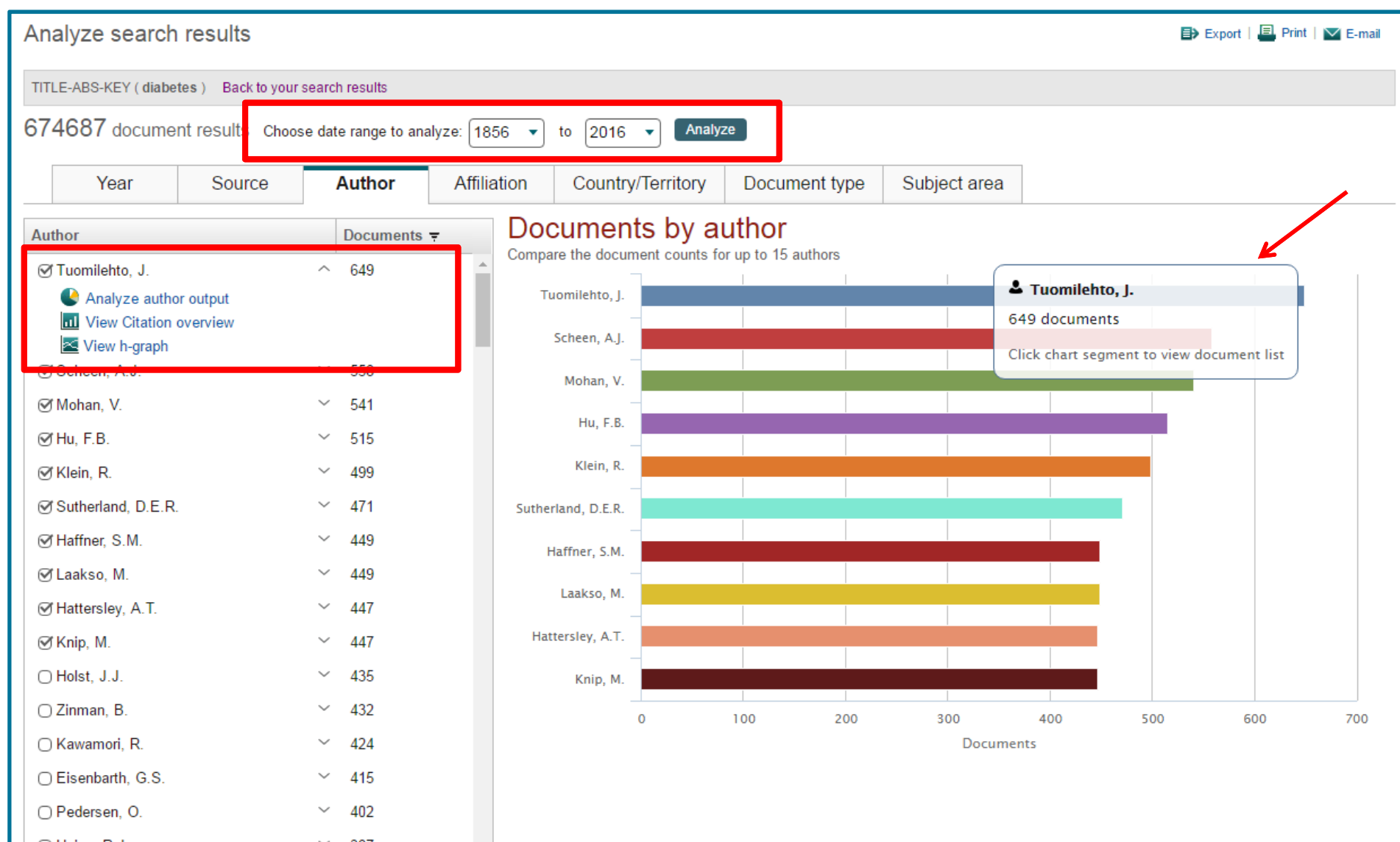
- ☐ 2016 (9,452)
- ☐ 2015 (40,919)
- ☐ 2014 (43,380)
- ☐ 2013 (42,227)
- ☐ 2012 (39,181)
- ☐ 2011 (35,833)
- ☐ 2010 (34,076)
- ☐ 2009 (31,079)
- ☐ 2008 (29,559)
- ☐ 2007 (28,027)

**Author Name**

- ☐ Tuomilehto, J. (649)
- ☐ Scheen, A.J. (558)
- ☐ Mohan, V. (541)
- ☐ Hu, F.B. (515)

<input type="radio"/>	The effect of intensive treatment of diabetes on the development and progression of long-term complications in insulin-dependent diabetes mellitus	Rudenski, A.S., (...), Treacher, D.F., Turner, R.C.	Medicine	16012
<input type="radio"/>	Homeostasis model assessment: insulin resistance and $\beta$ -cell function from fasting plasma glucose and insulin concentrations in man	Turner, R.	1998 Lancet	13571
<input type="radio"/>	Intensive blood-glucose control with sulphonylureas or insulin compared with conventional treatment and risk of complications in patients with type 2 diabetes (UKPDS 33)	Chobanian, A.V., Bakris, G.L., Black, H.R., (...), Wright Jr., J.T., Rocella, E.J.	2003 Journal of the American Medical Association	11044
<input type="radio"/>	Reduction in the incidence of type 2 diabetes with lifestyle intervention or metformin	Knowler, W.C., Barrett-Connor, E., Fowler, S.E., (...), Walker, E.A., Nathan, D.M.	2002 New England Journal of Medicine	9385
<input type="radio"/>	Positional cloning of the mouse obese gene and its human homologue	Zhang, Y., Proenca, R., Maffei, M., (...), Leopold, L., Friedman, J.M.	1994 Nature	9297
<input type="radio"/>	Role of insulin resistance in human disease	Reaven, G.M.	1988 Diabetes	8760

# Find out more about the research and performance of other authors in your field



## Find out more about the research and performance of other authors in your field

Analyze search results

TITLE-ABS-KEY ( diabetes ) [Back to your search results](#)

674687 document results Choose date range to analyze: 1856 to 2016 [Analyze](#)

Year Source **Author** Affiliation Country/Territory Document type Subject area

Author	Documents
<input checked="" type="checkbox"/> Tuomilehto, J.	649
<input checked="" type="checkbox"/> Scheen, A.J.	336
<input checked="" type="checkbox"/> Mohan, V.	541
<input checked="" type="checkbox"/> Hu, F.B.	515
<input checked="" type="checkbox"/> Klein, R.	499
<input checked="" type="checkbox"/> Sutherland, D.E.R.	471
<input checked="" type="checkbox"/> Haffner, S.M.	449
<input checked="" type="checkbox"/> Laakso, M.	449
<input checked="" type="checkbox"/> Hattersley, A.T.	447
<input checked="" type="checkbox"/> Knip, M.	447
<input type="checkbox"/> Holst, J.J.	435
<input type="checkbox"/> Zinman, B.	432
<input type="checkbox"/> Kawamori, R.	424
<input type="checkbox"/> Eisenbarth, G.S.	415

[Analyze author output](#)  
[View Citation overview](#)  
[View h-graph](#)

### Documents by author

Compare the document counts for up to 15 authors

Author	Documents
Tuomilehto, J.	649
Scheen, A.J.	336
Mohan, V.	541
Hu, F.B.	515
Klein, R.	499
Sutherland, D.E.R.	471
Haffner, S.M.	449
Laakso, M.	449
Hattersley, A.T.	447
Knip, M.	447

Documents



# Review the research output performance of a specific affiliation

## Analyze search results

[Export](#) | [Print](#) | [E-mail](#)TITLE-ABS-KEY ( diabetes ) [Back to your search results](#)674687 document results Choose date range to analyze: 1856 to 2016 [Analyze](#)

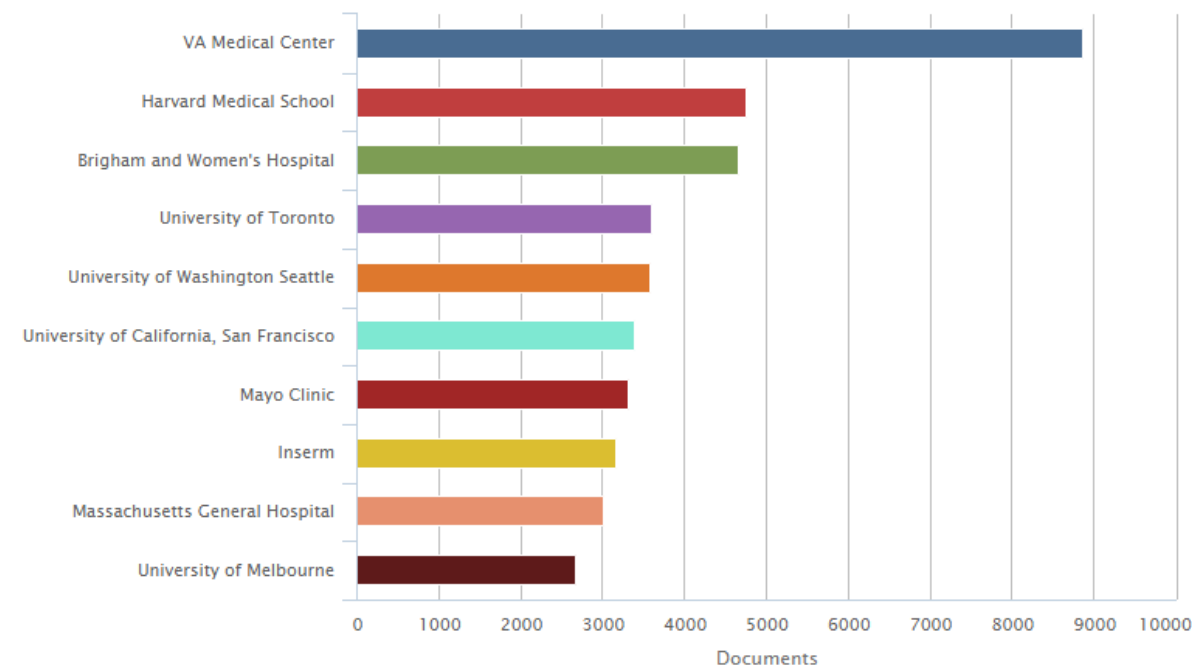
Year	Source	Author	Affiliation	Country/Territory	Document type	Subject area
------	--------	--------	-------------	-------------------	---------------	--------------

Affiliation	Documents
<input checked="" type="checkbox"/> VA Medical Center	8856
<input checked="" type="checkbox"/> Harvard Medical School	4747
<input checked="" type="checkbox"/> Brigham and Women's Hospital	4650
<input checked="" type="checkbox"/> University of Toronto	3596
<input checked="" type="checkbox"/> University of Washington Seattle	3588
<input checked="" type="checkbox"/> University of California, San Fra...	3398
<input checked="" type="checkbox"/> Mayo Clinic	3312
<input checked="" type="checkbox"/> Inserm	3158
<input checked="" type="checkbox"/> Massachusetts General Hospital	3020
<input checked="" type="checkbox"/> University of Melbourne	2678
<input type="checkbox"/> UCL	2673
<input type="checkbox"/> The University of Sydney	2669
<input type="checkbox"/> University of Minnesota Twin Cit...	2646
<input type="checkbox"/> Karolinska Institutet	2630
<input type="checkbox"/> Washington University in St. Lo...	2601
<input type="checkbox"/> King's College London	2441
<input type="checkbox"/> Karolinska University Hospital	2424
<input type="checkbox"/> Universidade de São Paulo, U	2384

## Documents by affiliation

Compare the document counts for up to 15 affiliations





# View the subject area classification distribution for the selected search results and date range

## Analyze search results

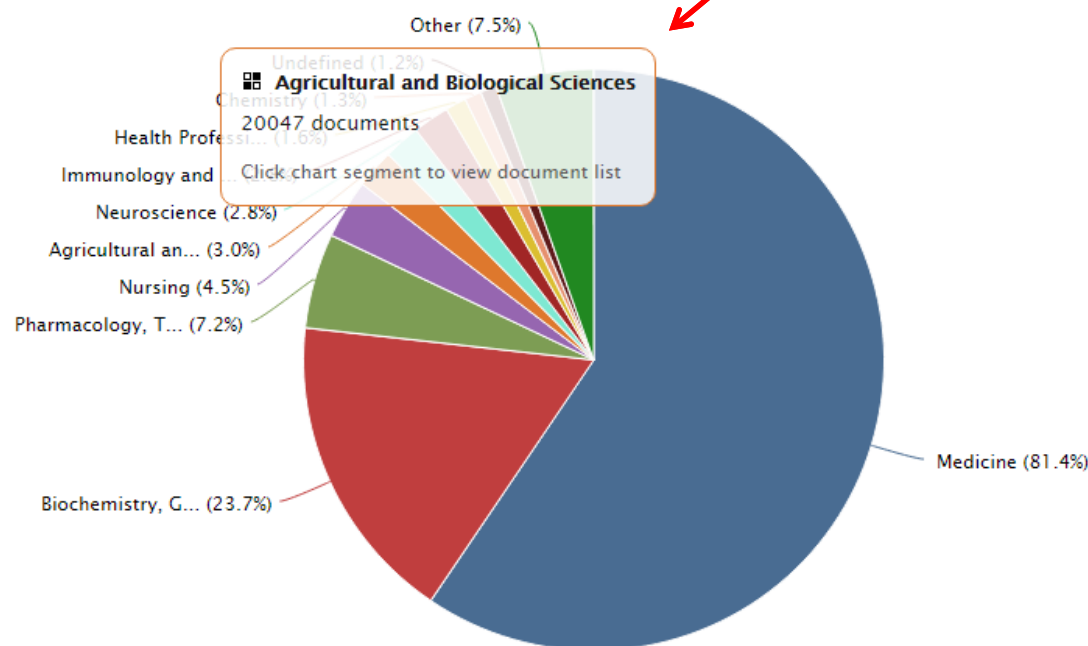
[Export](#) | [Print](#) | [E-mail](#)TITLE-ABS-KEY ( diabetes ) [Back to your search results](#)674687 document results Choose date range to analyze: 2011 to 2016 [Analyze](#)

Year	Source	Author	Affiliation	Country/Territory	Document type	Subject area
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Subject Area	Documents
Medicine	549474
Biochemistry, Genetics and Molecu...	159644
Pharmacology, Toxicology and Pha...	48878
Nursing	30213
Agricultural and Biological Sciences	20047
Neuroscience	18645
Immunology and Microbiology	18602
Health Professions	10815
Chemistry	8639
Engineering	8330
Undefined	8198
Social Sciences	5837
Psychology	5654
Chemical Engineering	5443
Environmental Science	3720
Computer Science	3719
Multidisciplinary	3414

## Documents by subject area



Scopus

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Search

Alerts

Lists

TITLE-ABS-KEY ( diabetes ) AND ( LIMIT-TO ( SUBJAREA , "AGRI" ) )

20,047 document results View secondary documents | View 1194 patent results

Search within results...



BibTeX export | Download

View citation overview | View Cited by | Save to list | More...

Refine

Limit to

Exclude

## Source Title

- ☐ Plos One (4,866)
- ☐ American Journal of Clinical Nutrition (861)
- ☐ International Journal of Obesity (707)
- ☐ Diabetes Nutrition and Metabolism Clinical and Experimental (655)
- ☐ Journal of the American Dietetic Association (535)

## Year

- ☐ 2016 (375)
- ☐ 2015 (1,924)
- ☐ 2014 (2,010)
- ☐ 2013 (1,941)
- ☐ 2012 (1,450)
- ☐ 2011 (1,125)
- ☐ 2010 (782)
- ☐ 2009 (617)
- ☐ 2008 (759)
- ☐ 2007 (892)

## Author Name

Publications in the subject area "Agricultural and Biological Sciences" that are related to my original diabetes query.

- ☐ 1 Physiological roles and properties of potassium channels in arterial smooth muscle Nelson, M.T., Quayle, J.M. 1995 American Journal of Physiology
- ☐ 2 Antioxidant and redox regulation of gene transcription Sen, C.K., Packer, L. 1996 FASEB Journal
- ☐ 3 Vegetables, fruit, and cancer prevention: A review Steinmetz, K.A., Potter, J.D. 1996 Journal of the American Dietetic Association
- ☐ 4 Omega-3 fatty acids in health and disease and in growth and development Simopoulos, A.P. 1991 American Journal of Clinical Nutrition
- ☐ 5 The evolution of phosphatidylinositol 3-kinases as regulators of growth and metabolism Engelman, J.A., Luo, J., Cantley, L.C. 2006 Nature Reviews Genetics
- ☐ 6 International table of glycemic index and glycemic load values: 2002 Foster-Powell, K., Holt, S.H.A., Brand-Miller, J.C. 2002 American Journal of Clinical Nutrition
- ☐ 7 Glutathione Metabolism and Its Implications for Health Wu, G., Fang, Y.-Z., Yang, S., Lupton, J.R., Turner, N.D. 2004 Journal of Nutrition

## Research Tool #2: View Citation Overview

## What are some scenarios for using the View Citation Overview Tool?

View the citation trend for your specific document (set)

Find all publications citing a specific document (set)

Discover the overall impact of publications on the general discourse in a research area

# Select documents to view in the Citation Overview Tool

Scopus Scopus SciVal Library catalogue Kai Wan Logout Help

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TITLE-ABS-KEY ( diabetes ) Edit Save Set alert Set feed

674,687 document results View secondary documents Analyze search results

Search within results...

Refine Limit to Exclude

Source Title

- ☐ Diabetes Care (15,259)
- ☐ Diabetes (11,908)
- ☐ Diabetologia (9,191)
- ☐ Diabetic Medicine (6,503)
- ☐ Diabetes Research and Clinical Practice (5,302)

Year

- ☐ 2016 (9,452)
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- ☐ 2010 (34,076)
- ☐ 2009 (31,079)
- ☐ 2008 (29,559)
- ☐ 2007 (28,027)

Author Name

Full Text View at Publisher

Positional cloning of the mouse obese gene and its human homologue

Zhang, Y., Proenca, R., Maffei, M., (...), Leopold, L., Friedman, J.M. 1994 Nature

Export Download View citation overview

Select all Select page

Unfortunately the citation overview you requested is too large to calculate and display in this session. The citation overview is available as a comma separated file (.csv) with the first 20,000 documents included, that you can download. Once the file is ready, you will receive an email at the address you provide below. The email includes a link to the file which will be available for 7 days.

Request for citation overview download

E-mail address...

Date Range: 2014 to 2016

E-mail Format: ☒ HTML ☐ TEXT

Cancel Request

Citation Overview Tool works for up to 2,000 documents

CSV for up to 20,000 documents

# Select documents to View in the Citation Overview Tool

**Scopus** Scopus SciVal | Library catalogue | Kai Wan ▾ Logout Help ▾ Brought to you by Scopus Team

**Search** Alerts Lists My Scopus

TITLE-ABS-KEY ( diabetes ) Edit Save Set alert Set feed

674,687 document results View secondary documents Analyze search results Sort on: Date Cited by

Search within results...

**Refine**

Limit to Exclude

**Source Title**

- ☐ Diabetes Care (15,259)
- ☐ Diabetes (11,908)
- ☐ Diabetologia (9,191)
- ☐ Diabetic Medicine (6,503)
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**Year**

- ☐ 2016 (9,452)
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- ☐ 2014 (43,380)
- ☐ 2013 (42,227)
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- ☐ 2011 (35,833)
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- ☐ 2007 (28,027)

**Author Name**

- ☐ Tuomilehto, J. (649)
- ☐ Scheen, A.J. (558)

☒ Export Download View citation overview View Cited by Save to list More... ▾

☒ Select all ☐ Select page

1	<input checked="" type="checkbox"/> Intensive treatment of diabetes on the development and long-term complications in insulin-dependent diabetes mellitus	[No author name available]	1993	New England Journal of Medicine	1
2	<input checked="" type="checkbox"/> Homeostasis model assessment: insulin resistance and $\beta$ -cell function from fasting plasma glucose and insulin concentrations in man	Matthews, D.R., Hosker, J.P., Rudenski, A.S., (...), Treacher, D.F., Turner, R.C.	1985	Diabetologia	1
3	<input checked="" type="checkbox"/> Intensive blood-glucose control with sulphonylureas or insulin compared with conventional treatment and risk of complications in patients with type 2 diabetes (UKPDS 33)	Turner, R.	1998	Lancet	1
4	<input checked="" type="checkbox"/> The Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure: The JNC 7 Report	Chobanian, A.V., Bakris, G.L., Black, H.R., (...), Wright Jr., J.T., Roccella, E.J.	2003	Journal of the American Medical Association	1
5	<input checked="" type="checkbox"/> Reduction in the incidence of type 2 diabetes with lifestyle intervention or metformin	Knowler, W.C., Barrett-Connor, E., Fowler, S.E., (...), Walker, E.A., Nathan, D.M.	2002	New England Journal of Medicine	9
6	<input checked="" type="checkbox"/> Positional cloning of the mouse obese gene and its human homologue	Zhang, Y., Proenca, R., Maffei, M., (...), Leopold, L., Friedman, J.M.	1994	Nature	9



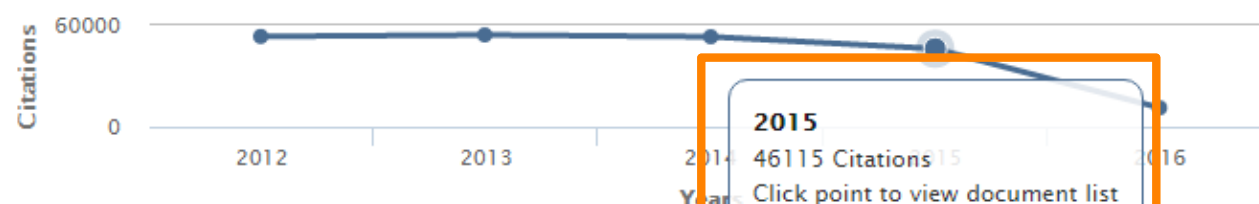
## Citation overview

This is a overview of citations for the documents you selected

[Export](#)

200 cited documents [Back to document results](#) [Save to list](#)

Document h-index : 200 Scopus does not have complete citation information for articles published before 1996. [View h-graph](#) [?](#)



Date range: 2012 to 2016

☐ Exclude self citations of all authors

☐ Exclude Citations from books

Edit the data for this graph and the citation table below.

Update

## Documents

## Citations

Sort on: [Date \(newest\)](#) [Citation count \(descending\)](#) [...](#)

		<2012	2012	2013	2014	2015	2016	Subtotal	>2016	Total
		Total	411334	53412	54314	53224	46115	11216		
1	Heart Disease and Stroke Statistics - 2014 Update: A report ...	2014			1	426	1034			
2	Heart disease and stroke statistics-2013 update: A Report fr...	2013		1	375	1062	822	176		
3	Standards of medical care in diabetes - 2013	2013		1	329	798	465	78	1671	1671
4	Global and regional mortality from 235 causes of death for 2...	2012	2	8	293	821	1085	222	2429	2431
5	MTOR signaling in growth control and disease	2012	1	71	415	535	598	159	1778	1779
6	Heart disease and stroke statistics-2012 update: A report fr...	2012		329	1043	795	512	111	2790	2790
7	Disability-adjusted life years (DALYs) for 291 diseases and ...	2012		7	247	604	743	176	1777	1777
8	ESC Guidelines for the management of acute coronary syndrome...	2011	13	279	465	525	447	102	1818	1831
9	Heart disease and stroke statistics-2011 update: A report fr...	2011	330	874	791	448	279	73	2465	2795
10	Standards of medical care in diabetes-2011	2011	258	567	355	273	176	39	1410	1668

Click any number to see set of documents

# Click any citation count from Citation Overview to see the set of papers

## Citation Overview results

Heart Disease and Stroke Statistics - 2014 Update: A report from the American Heart Association

Lisabeth L.D., Turner M.B., Mackey R.H., Magid D.J., Marcus G.M., Marelli A., Matchar D.B., (...), Woo D.


2014, *Circulation*, (9) 238-258

Is cited 1034 times in 2015 by: [Back to Citation Overview](#) | [Set feed](#)

1,034 document results

 Analyze search results

Sort on: [Date](#) [Cited by](#)

Search within results... 

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### Source Title

- ☐ Plos One (23)
- ☐ Journal of the American College of Cardiology (19)
- ☐ Journal of Stroke and Cerebrovascular Diseases (17)
- ☐ Stroke (16)
- ☐ Resuscitation (14)

### Year

- ☐ 2015 (1,034)

### Author Name

- ☐ Fonarow, G.C. (13)
- ☐ Butler, J. (7)
- ☐ Hernandez, A.F. (6)
- ☐ Arena, R. (6)
- ☐ Roger, V.L. (6)

☐ BibTeX export |  Download |  View citation overview |  View Cited by | [More...](#) [St](#)

- ☐ Breakthrough in cardiac arrest: reports from the 4th Paris International Conference 1 Kudenchuk, P.J., Sandroni, C., Drinhaus, H.R., (...), Diehl, J.-L., Laterre, P.-F. 2015 Annals of Intensive Care [Open Access](#)

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- ☐ Behavioral cardiovascular risk factors – Effect of physical activity and cardiorespiratory fitness on cardiovascular outcomes – 2 Spencer, R.M., Heidecker, B., Ganz, P. 2015 Circulation Journal 80 (1), pp. 34-43 [Open Access](#)

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[Related documents](#)

- ☐ Inhibition of Oct 3/4 mitigates the cardiac progenitor-derived myocardial repair in infarcted myocardium 3 Zhao, Y.T., Du, J., Chen, Y., (...), Zhuang, S., Zhao, T.C. 2015 Stem Cell Research and Therapy

[Full Text](#)

[View at Publisher](#)

- ☐ Patient education and follow-up as an intervention for hypertensive patients discharged from an emergency department: A randomized control trial study protocol 4 Gleason-Comstock, J., Streeter, A., Ager, J., (...), Dawood, R., Levy, P. 2015 BMC Emergency Medicine [Open Access](#)

[Full Text](#)

[View at Publisher](#)

- ☐ NOX4 NADPH oxidase-dependent mitochondrial oxidative stress in aging-associated cardiovascular disease 5 Vendrov, A.E., Vendrov, K.C., Smith, A., (...), Runge, M.S., Madamanchi, N.R. 2015 Antioxidants and Redox Signaling

[Full Text](#)

[View at Publisher](#)

- ☐ Inpatient resource use and cost burden of deep vein thrombosis LaMer, J.C., Shalshaker, O. 2015 Clinical Therapeutics



# Research Tool #3: Browse Sources and Compare Journals

## With Browse Source you can do the following:

Find relevant journals by searching on  
title / ISSN / publisher.

OR

Browse for journals by subject areas,  
source type, subscription status and  
Open Access status.

After you have selected a journal you can  
compare it to other journals with the  
Compare Journals Tool .

## What are some scenarios for using the Compare Journals tool?

Analyze the overall performance trend of a journal by metrics, citation and document count.

Compare the performance trend of journals to each other.

Find the best journals to publish in based on your criteria.

# How to browse sources and compare a journal with other journals

Scopus

Scopus SciVal

Search

Alerts

Lists

Register now for the April 21st Scopus webinar: How to use analysis tools in your research

Document search | Author search | Affiliation search | Advanced search

Browse Sources Compare journals

Search for... *Eg., "heart attack" AND stress*

Article Title, Abstract, Keywords



+ Add search field

Limit to:

Date Range (inclusive)

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☐ Added to Scopus in the last  days

Subject Areas

☒ Life Sciences (> 4,300 titles . )

☒ Health Sciences (> 6,800 titles . 100% Medline coverage )

Document Type

☒ Physical Sciences (> 7,200 titles . )

☒ Social Sciences & Humanities (> 5,300 titles . )

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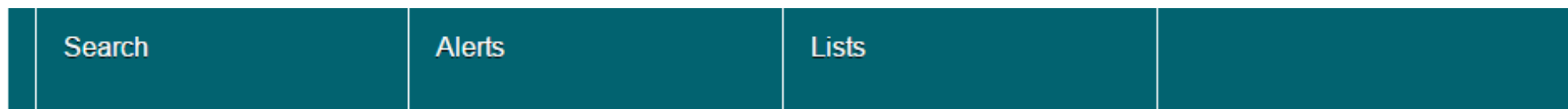


Get citation alerts pushed straight to your inbox



Get started with Scopus APIs

## Browse for specific journals or other serial titles



Only serial source titles are included in this list. For non-serial content such as books and monographs, please use Document Search.

Search

engineering × Title 🔍

☐ Display only Open Access journals

1

Browse

Subject Area **Engineering**

Source Type ☒ All Sources ☐ Trade Publications ☐ Journals  
☐ Conference Proceedings ☐ Book Series

Subscription ☒ All subscriptions ☐ Subscribed ☐ Non-subscribed

Open Access ☐ Display only Open Access journals

**Display sources**

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

2

1,096 sources found matching "engineering"

Sort on: Source title SJR IPP SNIP

<b>J</b> Materials Science and Engineering: R: Reports <a href="#">Library Catalogue</a>   <a href="#">ACNP Cat.Periodici</a>	4.825	14.333	7.337
<b>J</b> Annual Review of Biomedical Engineering <a href="#">Library Catalogue</a>   <a href="#">ACNP Cat.Periodici</a>	4.148	13.237	4.558
<b>J</b> Annual Review of Chemical and Biomolecular Engineering <a href="#">Library Catalogue</a>   <a href="#">ACNP Cat.Periodici</a>	3.606	9.431	3.769
<b>J</b> Earthquake Engineering and Structural Dynamics <a href="#">Library Catalogue</a>   <a href="#">ACNP Cat.Periodici</a>	3.160	2.763	2.807
<b>J</b> IEEE Transactions on Knowledge and Data Engineering	3.023	3.349	4.088

3

### Journal Metrics

Scopus Journal Metrics is the value of context with citation measuring tools. metrics allow for direct comparison of journals, independent of their subject classification. To learn more visit: [www.journalmetrics.com](http://www.journalmetrics.com)

SJR = SCImago Journal is weighted by the prestige of the journal. Subject field, quality and reputation of the journal have a direct effect on the value of a citation. SJR is

# Compare the journal you have selected with other journals

Scopus

Search	Alerts	Lists	
--------	--------	-------	--

[Journal Homepage](#) | [Library Catalogue](#) | [ACNP Cat.Periodici](#) | [Get](#)

## Materials Science and Engineering: R: Reports

Formerly part of: [Materials Science Reports](#)

**Subject Area:** Engineering: Mechanical Engineering  
Engineering: Mechanics of Materials  
Materials Science  
Physics and Astronomy: Condensed Matter Physics

**Publisher:** Elsevier BV

**ISSN:** 0927-796X

**Scopus Coverage Years:** from 1993 to 2015

### Journal Metrics

Scopus Journal Metrics offer the value of context with their citation measuring tools. The metrics below allow for direct comparison of journals, independent of their subject classification. To learn more, visit: [www.journalmetrics.com](http://www.journalmetrics.com).

**SJR (SCImago Journal Rank) (2014) :** 4.825

**IPP (Impact per Publication) (2014) :** 14.333

**SNIP (Source Normalized Impact per Paper) (2014) :** 7.337

[Compare with other journals](#)

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### SJR, IPP, and SNIP

SJR = SCImago Journal Rank, a measure of journal prestige. It is based on the reputation of the journal, the value of a citation, and differences in citation behavior across fields.

IPP = Impact per Publication, the ratio of citations per article to the number of articles published by the journal.

SNIP = Source Normalized Impact per Paper, a measure of contextual citation impact for a journal in its subject field.

### Open Access Journals

Journals covered by Scopus Open Access if the journal

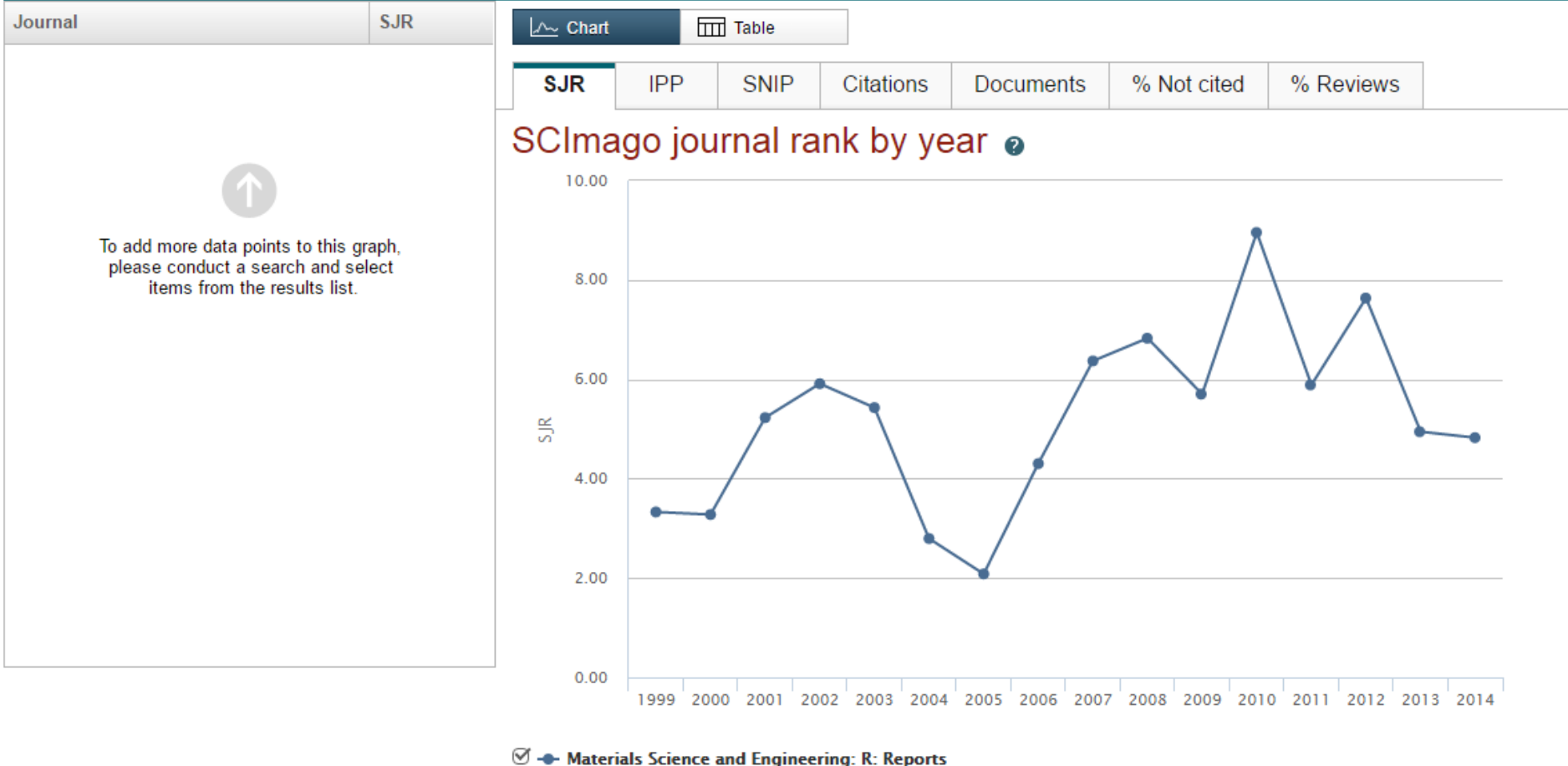
## Compare journals

Search for and choose up to 10 journals to analyze and compare.

[Export](#) | [Print](#) | [E-mail](#)Search for... *e.g. Cell, cancer*

Journal Title ▾

Limit to: All Subject areas ▾

Show: ☒ SJR ☐ IPP ☐ SNIP ☐ ISSN[About Compare journals calculations](#)



## Compare journals

Search for and choose up to 10 journals to analyze and compare.

[Export](#) | [Print](#) | [E-mail](#)

Journal Title ▾

Limit to: All Subject areas ▾

Show: ☒ SJR ☐ IPP ☐ SNIP ☐ ISSN**725** sources found [About Compare journals calculations](#)

Journal	SJR ▾
<input checked="" type="checkbox"/> Materials Science and Engineering: R... Publisher: Elsevier BV Source Type: Journal Coverage: 1993-2015 ISSN: 0927796X	4.825
<input type="checkbox"/> Annual Review of Biomedical Engine...	4.148
<input type="checkbox"/> Annual Review of Chemical and Biom...	3.606
<input checked="" type="checkbox"/> Earthquake Engineering and Structur...	3.160
<input checked="" type="checkbox"/> IEEE Transactions on Knowledge an...	3.023
<input checked="" type="checkbox"/> Metabolic Engineering	2.965
<input checked="" type="checkbox"/> Catalysis Reviews - Science and En...	2.635
<input type="checkbox"/> Journal of Geotechnical and Geoenvi...	2.410
<input type="checkbox"/> Computer Methods in Applied Mecha...	2.366
<input type="checkbox"/> Materials Science & Engineering A: ...	2.211
<input type="checkbox"/> IEEE Transactions on Software Engi...	2.194
<input type="checkbox"/> Archives of Computational Methods i...	2.042
<input type="checkbox"/> Tissue Engineering - Part B: Reviews	2.011
<input type="checkbox"/> Journal of Structural Engineering	1.995
<input type="checkbox"/> International Journal of Impact Engin...	1.945
<input type="checkbox"/> International Journal for Numerical M...	1.940
<input type="checkbox"/> Composites Part B: Engineering	1.888
<input type="checkbox"/> International Journal of Engineering S...	1.871
<input type="checkbox"/> Engineering Structures	1.815

☒ Chart ☐ Table

SJR

IPP

SNIP

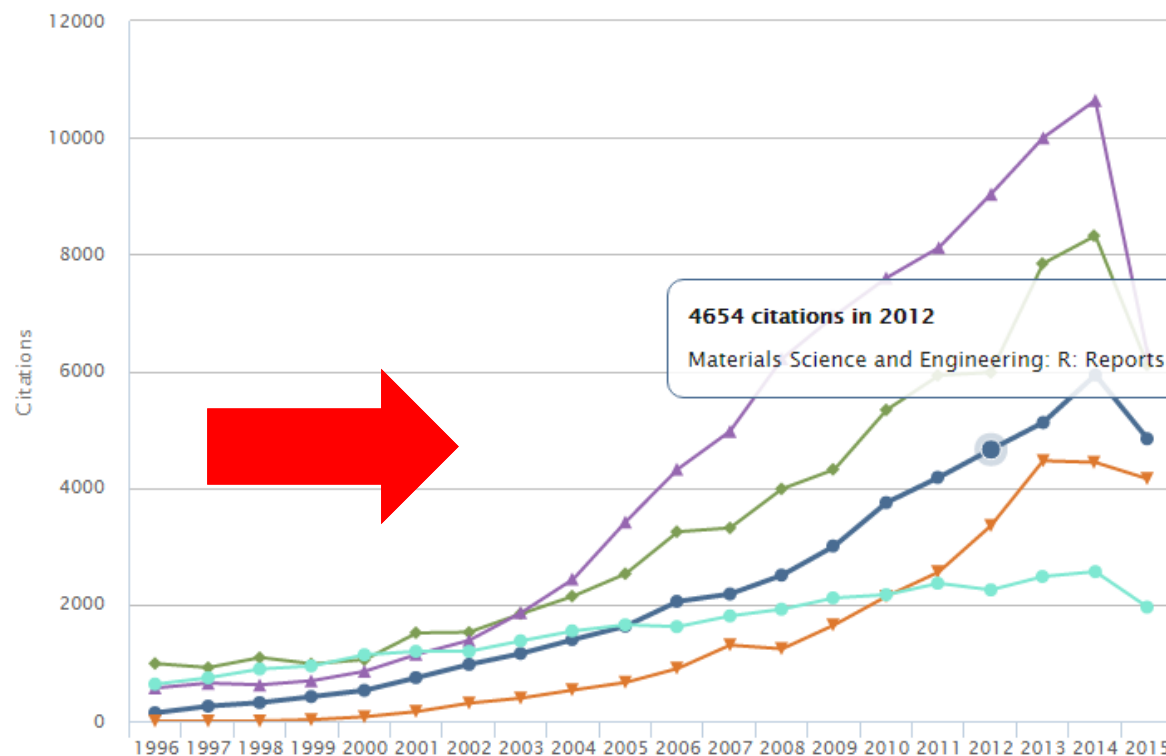
**Citations**

Documents

% Not cited

% Reviews

### Source citations by year

☒ Exclude journal self citations

☒ Materials Science and Engineering: R: Reports ☒ Earthquake Engineering and Structural Dynamics  
☒ IEEE Transactions on Knowledge and Data Engineering ☒ Metabolic Engineering ☒  
☒ Catalysis Reviews - Science and Engineering



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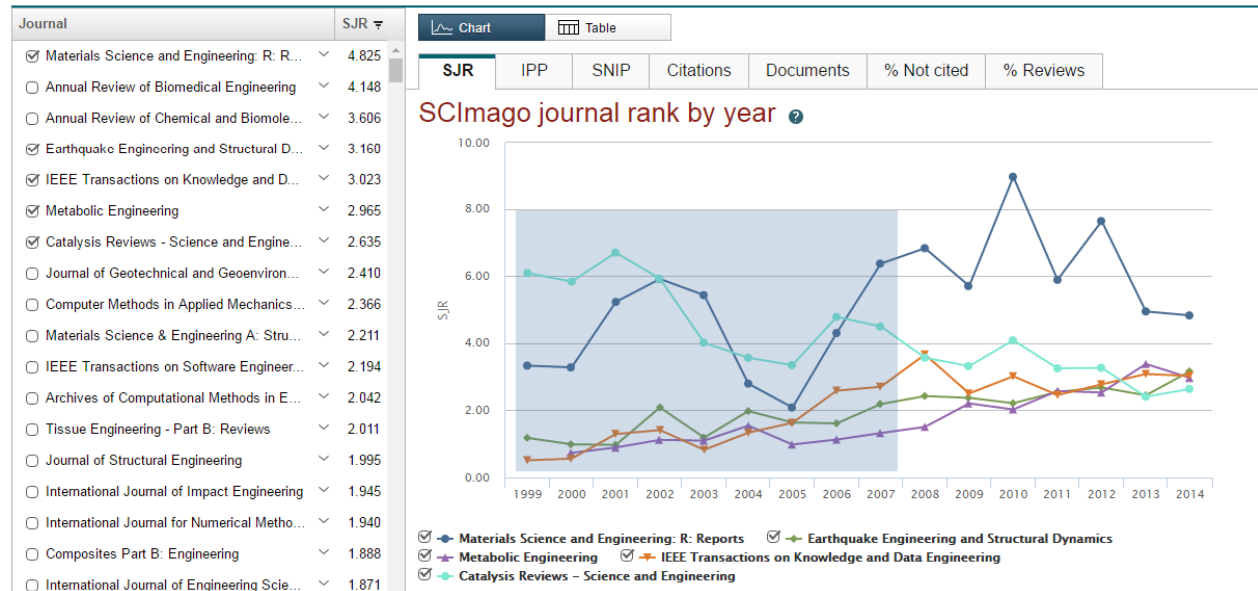
Compare journals Search for and choose up to 10 journals to analyze and compare.

Export | Print | E-mail

engineering x Journal Title Limit to: All Subject areas

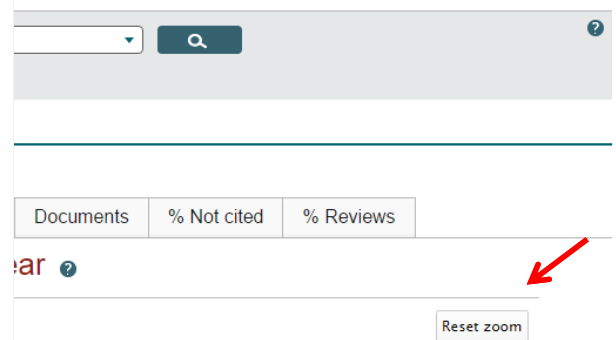
Show: ☒ SJR ☐ IPP ☐ SNIP ☐ ISSN

725 sources found About Compare journals calculations

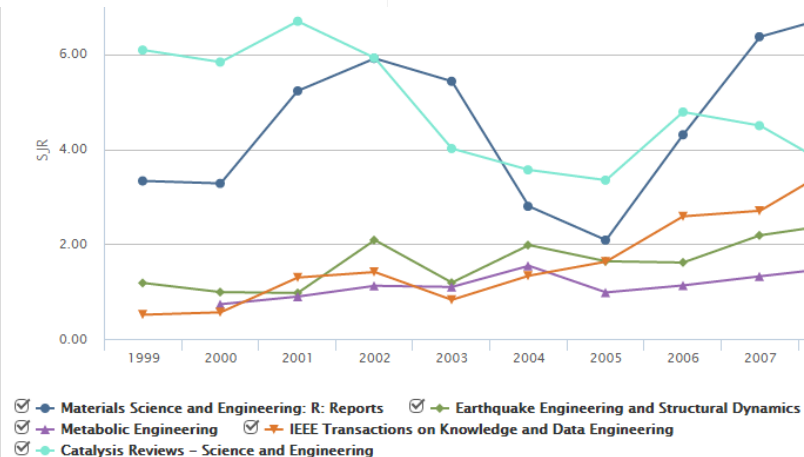
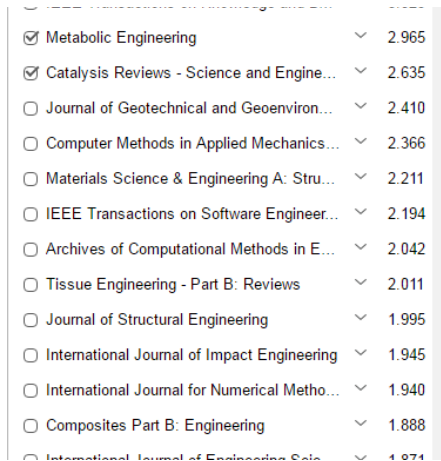


To select a year range  
just “Click and drag”  
to zoom in

Export | Print | E-mail



To reset the graph  
click “Reset  
zoom”



# Research Tool #4: Author Profile Analysis

## What are some scenarios for using the Author Profile analysis tools?



Review your own research performance

Assess how your peers are performing

Evaluate your existing or potential co-authors: with whom should I collaborate?

# Scopus Author Profile

Search

Alerts

Lists

My Scopus

[Back to results](#) | 1 of 1

Print

E-mail

Follow this Author

Receive emails when this author publishes new articles

Get citation alerts

Add to ORCID ?

Request author detail corrections

Documents: 331

Citations: 11125 total citations by 4819 documents

h-index: 55 ?

Co-authors: 150 (maximum 150 co-authors can be displayed)

Subject area: Earth and Planetary Sciences , Materials Science [View More](#)

Documents

Cited by

Co-authors

331 documents

View all in search results format

Export all to BibTeX file

Save all to list

Set document alert

Set document feed

The propagation and seismicity of dyke injection, new experimental evidence

Bakker, R.R., Fazio, M., Benson, P.M., Hess, K.-U., Dingwell, D.B.

2016

Geophysical Research Letters

0

Full Text

View at Publisher

Volcanic ash melting under conditions relevant to ash turbine interactions

Song, W., Lavallee, Y., Hess, K.-U., (...)

2016

Nature Communications

0

About Scopus Author Identifier

View potential author matches

Other name formats: Dingwell, Donald B.  
Dingwell, D. B.  
Dingwell, Donald  
[View More](#)

Analyze author output

View citation overview

View h-graph

Documents

Citations

Publication range: 1984 - Present

References: 6796

Source history:  
[The Review of scientific instruments](#) [View document](#)  
[American Mineralogist](#) [View document](#)  
[Journal of Volcanology and Geothermal Research](#) [View document](#)  
[View More](#)

[Show Related Affiliations](#)

# Clicking “Analyze author output” from an Author Profile provides an overview of an author’s publication history and output performance/impact

Dingwell, Donald Bruce [Back to author details page](#)

Ludwig-Maximilians-Universitat Munchen, Department of Earth and Environmental Sciences, Munich, Germany

Author ID:7005060998

**Documents (331)**

*h*-index (55)

Citations (11118)

Co-authors (150)

by source

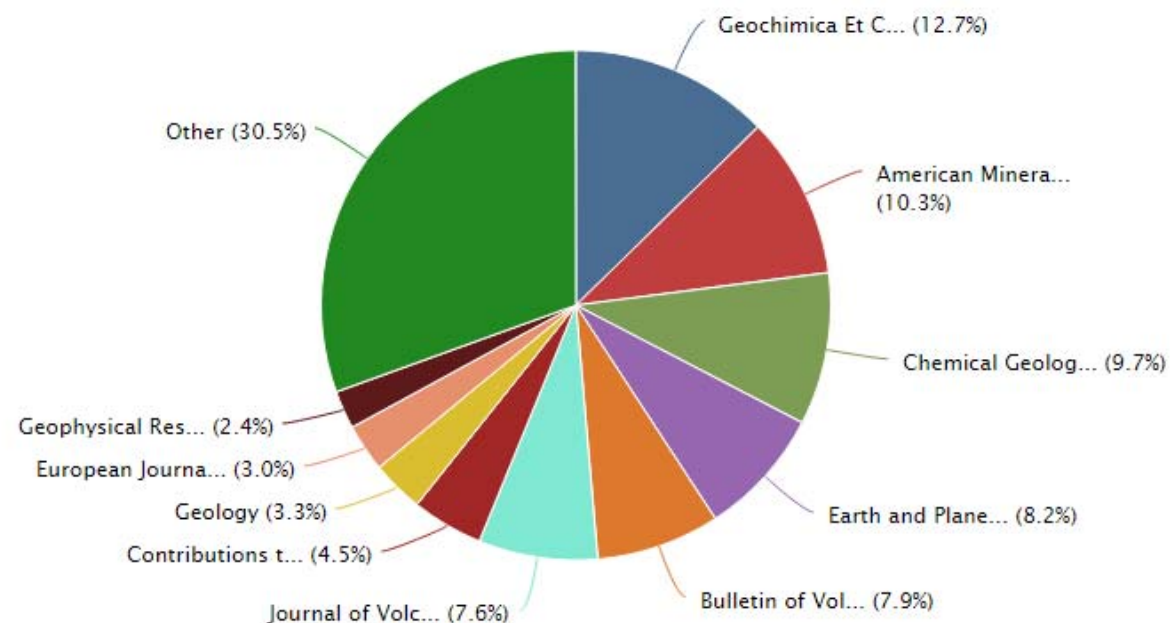
by type

by year

by subject area

Source	Documents ▾
Geochimica Et Cosmochimica Acta	42
American Mineralogist	34
Chemical Geology	32
Earth and Planetary Science Letters	27
Bulletin of Volcanology	26
Journal of Volcanology and Geothermology	25
Contributions to Mineralogy and Petrology	15
Geology	11
European Journal of Mineralogy	10
Geophysical Research Letters	8
Journal of Geophysical Research	7
Journal of Non Crystalline Solids	7
Nature	6

## Documents by source

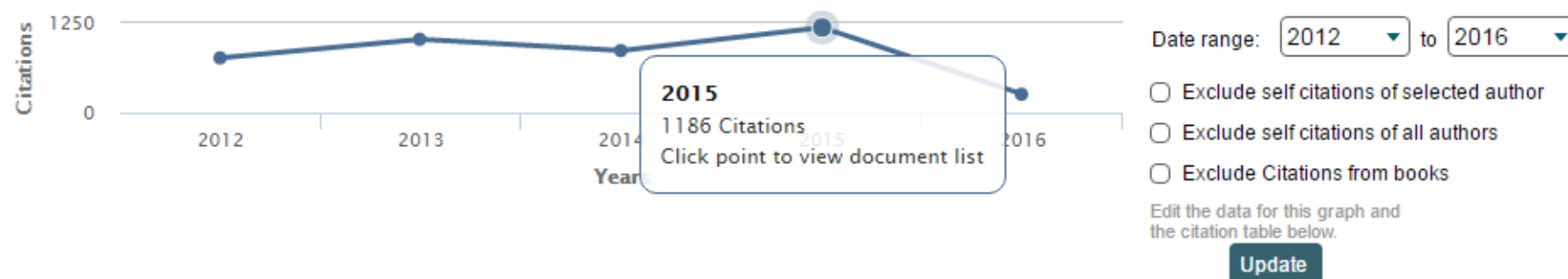


# Clicking “View citation overview” from an Author Profile provides an overview of an author’s citations

332 Cited Documents from "Dingwell, Donald Bruce"

Author ID:7005060998 [Back to author details](#) [Save to list](#)

Author h-index : 55 Scopus is in progress of updating pre-1996 cited references going back to 1970. The h-index might increase over time. [View h-graph](#) [?](#)



## Documents

## Citations

Sort on: [Date \(newest\)](#) [Citation count \(descending\)](#) [...](#)

		<2012	2012	2013	2014	2015	2016	Subtotal	>2016	Total
	Total	7061	763	1022	865	1186	256	4092	0	11153
1	Viscosity of magmatic liquids: A model	2008	114	54	70	76	78	19	297	411
2	Viscosities of hydrous leucogranitic melts: a non-Arrhenian ...	1996	296	20	22	11	14	5	72	368
3	Relaxation in silicate melts	1990	257	13	20	13	12	3	61	318
4	Structural relaxation in silicate melts and non-Newtonian me...	1989	142	9	13	2	11	3	38	180
5	Repeated fracture and healing of silicic magma generate flow...	2003	106	17	16	15	19	4	71	177
6	H2O solubility in haplogranitic melts: compositional, pressu...	1995	143	5	7	4	14	4	34	177



# Clicking “View *h*-graph” from an Author Profile provides insight into an author’s *h*-index

Dingwell, Donald Bruce [Back to author details page](#)

Ludwig-Maximilians-Universitat Munchen, Department of Earth and Environmental Sciences, Munich, Germany

Author ID:7005060998

Documents (331)

***h*-index (55)**

Citations (11118)

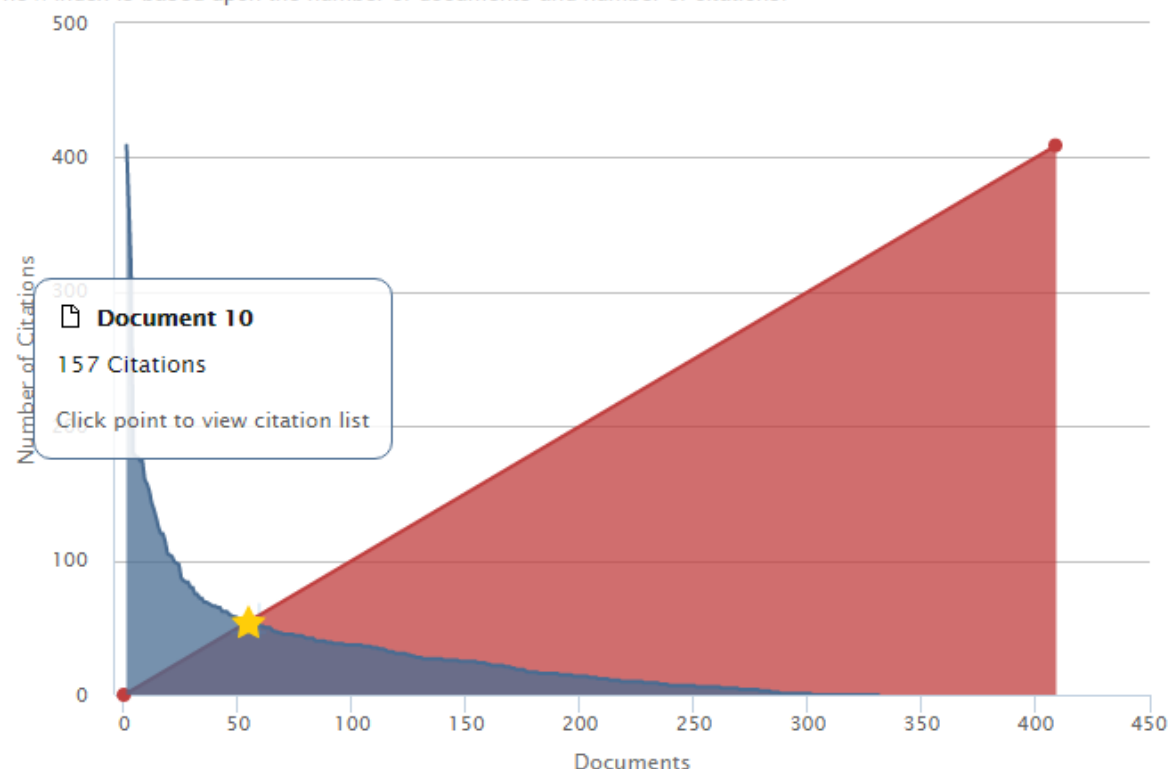
Co-authors (150)

Analyze documents published between: 1984 to 2016 ☐ Exclude self citations ☐ Exclude citations from books [Update Graph](#)

Documents	Citations	Title
1	409	Viscosity of magmatic liquids: A
2	366	Viscosities of hydrous leucogran
3	318	Relaxation in silicate melts
4	180	Structural relaxation in silicate n
5	177	Repeated fracture and healing o
6	177	H <sub>2</sub> O solubility in haplogranitic n
7	174	The preparation and preliminary
8	174	Magma fragmentation by rapid c
9	160	Near-infrared spectroscopic det
10	157	Non-Newtonian rheology of igne
11	152	Peraluminous viscosity maxima
12	143	Volcanic dilemma: Flow or blow
13	138	The effect of water on the viscos
14	132	The fragmentation threshold of p
15	126	Experimental petrochemistry of

## This author's *h*-index is 55

The *h*-index is based upon the number of documents and number of citations.



# Thank you!

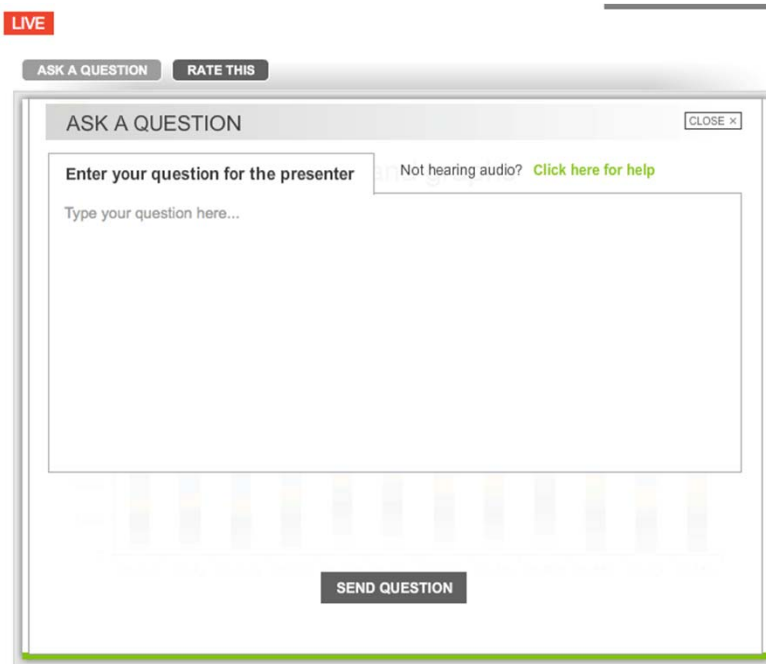
## Important Scopus resources to stay up to date:

Site	URL
Scopus Info Site	<a href="https://www.elsevier.com/solutions/scopus">https://www.elsevier.com/solutions/scopus</a>
Scopus Blog	<a href="http://blog.scopus.com">http://blog.scopus.com</a>
Scopus newsletter	<a href="https://communications.elsevier.com/webApp/els_doubleOptInWA?do=0&amp;srv=els_scopus&amp;sid=71&amp;uif=0&amp;uvis=3">https://communications.elsevier.com/webApp/els_doubleOptInWA?do=0&amp;srv=els_scopus&amp;sid=71&amp;uif=0&amp;uvis=3</a>
Twitter	<a href="http://www.twitter.com/scopus">www.twitter.com/scopus</a>
Facebook	<a href="http://www.facebook.com/elsevierscopus">www.facebook.com/elsevierscopus</a>
LinkedIn	<a href="https://www.linkedin.com/company/scopus-an-eye-on-global-research">https://www.linkedin.com/company/scopus-an-eye-on-global-research</a>
YouTube	<a href="https://www.youtube.com/c/ScopusDotCom">https://www.youtube.com/c/ScopusDotCom</a>



# Questions?

You are welcome to submit questions by using the “Ask a Question” feature on your screen:



The screenshot shows a web interface for submitting questions. At the top, there is a red 'LIVE' badge and two buttons: 'ASK A QUESTION' and 'RATE THIS'. Below these is a modal window titled 'ASK A QUESTION' with a 'CLOSE x' button in the top right corner. Inside the modal, there is a text input field with the placeholder 'Type your question here...'. Above the input field, there is a prompt 'Enter your question for the presenter' and a link 'Not hearing audio? Click here for help'. At the bottom of the modal, there is a 'SEND QUESTION' button. The background of the slide shows a blurred image of a person at a podium.

For the questions we do not get to answer today, we will look at all of them and try to answer them in subsequent webinars or on the Scopus blog.

## Upcoming Scopus webinars



Live on May 19 2016 12:00 pm (60 mins) ⓘ

### **Scopus: How Author Profiles work and how they can ...**

Jessica Kowalski Director of Market Development: Scopus and Engi...

We will take a deeper look at the automated creation and curation of...



Live on Jun 16 2016 12:00 pm (60 mins) ⓘ

### **Scopus: Using the right metrics**

Norman Azoulay, Product Manager, Scopus

This webinar will focus on the metrics that Scopus offers at the articl...

**Register at [blog.scopus.com/webinars](http://blog.scopus.com/webinars)**



**Thank you and please join us  
again next month**

**A recording of this webinar will soon be made available via  
[blog.scopus.com/webinars](http://blog.scopus.com/webinars)**



[www.elsevier.com/scopus](http://www.elsevier.com/scopus)