Scopus

Trainer : Nattaphol Sisuruk

Elsevier Training Consultant,
Research Solutions

E-mail : sisuruk@yahoo.com

ELSEVIER

Empowering Knowledge

ELSEVIER is a leading Science & Health Information Provider

CONTENTPROVISION

'E' CONTENT PROVISION SEARCH & DISCOVERY

REAXYS®

ScienceDirect
Online Books

MENDELEY

ScienceDirect

EngineeringInformation
Home of Engineering Village

Knovel

Scopus

RESEARCH MGMT /PROMOTION TOOLS

SciVal Spotlight

SciVal Experts

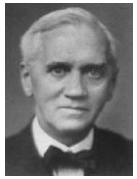
SciVal Strata

SciVal Funding

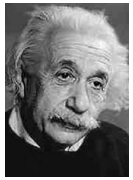
Niels Bohr Physics

Louis Pasteur (Chemistry)

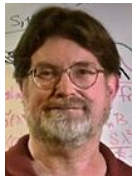
Alexander Fleming Medicine



Albert Einstein Physics



George F. Smoot Physics



John C. Mather Physics

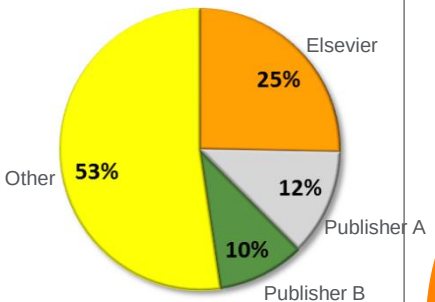
Roger D. Kornberg Chemistry

Craig C Mello Medicine

Globally recognised high impact content

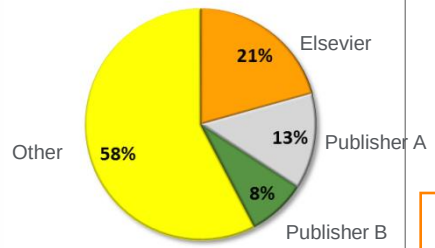
Disseminate

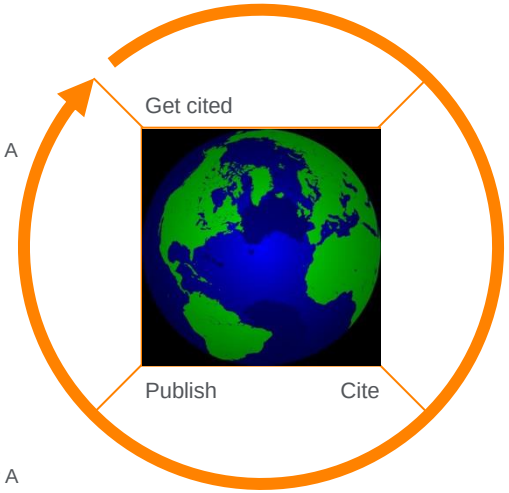
Global Elsevier Citations



Certify

Global Elsevier Publications





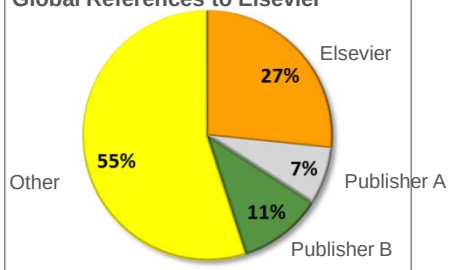
24 Citations Per Paper:
27% of all references

Total STM reference, publication & citations share

Coverage: Approximately 5,000 publishers

Investigate

Global References to Elsevier



Global team

74 offices in 24 countries

7,000 Journal Editors

70,000 Editorial Board Members

600,000 authors

2010-2014			
Publisher	**References**	**Publications**	**Citations**
Elsevier	**56,304,346**	**1,888,115**	**45,990,748**
Publisher A	15,738,334	1,221,036	22,374,220
Publisher B	23,064,330	747,976	18,298,048
Other	116,371,011	5,261,600	95,192,376
Totals	**211,478,021**	**9,118,727**	**181,855,392**

Elsevier Research Platforms

: Researchers seek a digital environment where ideas can be exchanged, examined, and applied with tools that empower STM knowledge.

Scopus

To find and analyze data from over 5000 publishers

ScienceDirect

Access the leading eBooks and journal articles published by Elsevier

MENDELEY

Manage your research and showcase your profile via free services

:These platforms make data and content easier to search, access, analyze, and share.

ELSEVIER

Elsevier is engaging across the research workflow

MENDELEY

newsflo
bespoke media monitoring

SciVal

ScienceDirect

Scopus

Session Outline

1. Introduction to Scopus
2. Basic Functions in Scopus
3. Analytics Functions in Scopus
4. Journal Metrics in Scopus
5. Supporting Sites
6. Elsevier Training Survey

Introduction to Scopus

ELSEVIER

Empowering Knowledge

What is Scopus ?

Scopus is the largest abstract and citation database of peer-reviewed research literature from around the world. Delivering a comprehensive overview of the world's research output in the fields of science, technology, medicine, social sciences, and arts and humanities. Scopus features smart tools to track, analyze and visualize research.

- Over 22,800 titles from more than 5,000 international publishers and 105 different countries
- Over 70 million records, 24 million patents from 5 patent offices worldwide
- All content is vigorously vetted by an independent, international board of experts called the Content Selection and Advisory Board (CSAB)
- More than 4,000 customers worldwide in all geographic regions

QS and THE are not alone: More than 3500 organizations, including more than 150 research organizations, rely on Scopus data

Rankings:

THE WORLD UNIVERSITY RANKINGS

BEST ARAB UNIVERSITIES U.S.News RANKINGS

QS WORLD UNIVERSITY RANKINGS

FT FINANCIAL TIMES

SHANGHAI JIAO TONG UNIVERSITY 1896

MACLEAN'S

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

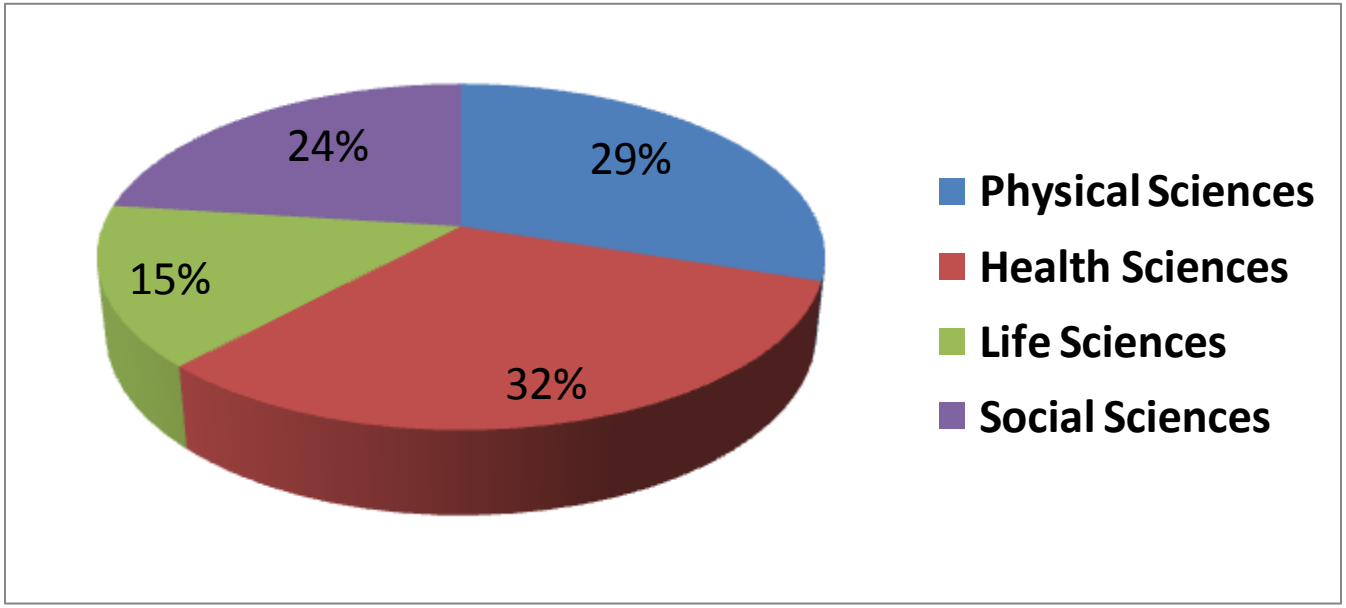
70M records from **22K** serials, **100K** conferences and **150K** books

- Updated daily
- More accurate and complete citation data pre-1996
- 40 different languages covered
- 3,600 Active Gold Open Access journals indexed

	JOURNALS	CONFERENCES	BOOKS
Physical Sciences 11,865 **Health Sciences** 12,992 **Social Sciences** 10,158 **Life Sciences** 6,394	**22,800** peer-reviewed journals **280** trade journals Full metadata, abstracts and cited references (ref's post-1995 only)	**100 K** conference events **8 M** conference papers Mainly Engineering and Computer Sciences	**560** book series **34K** Volumes / **1.3M** items **150,000** stand-alone books **>1.1M** items Focus on Social Sciences and A&H

Source: May 2016 title list at https://www.elsevier.com/solutions/scopus/content

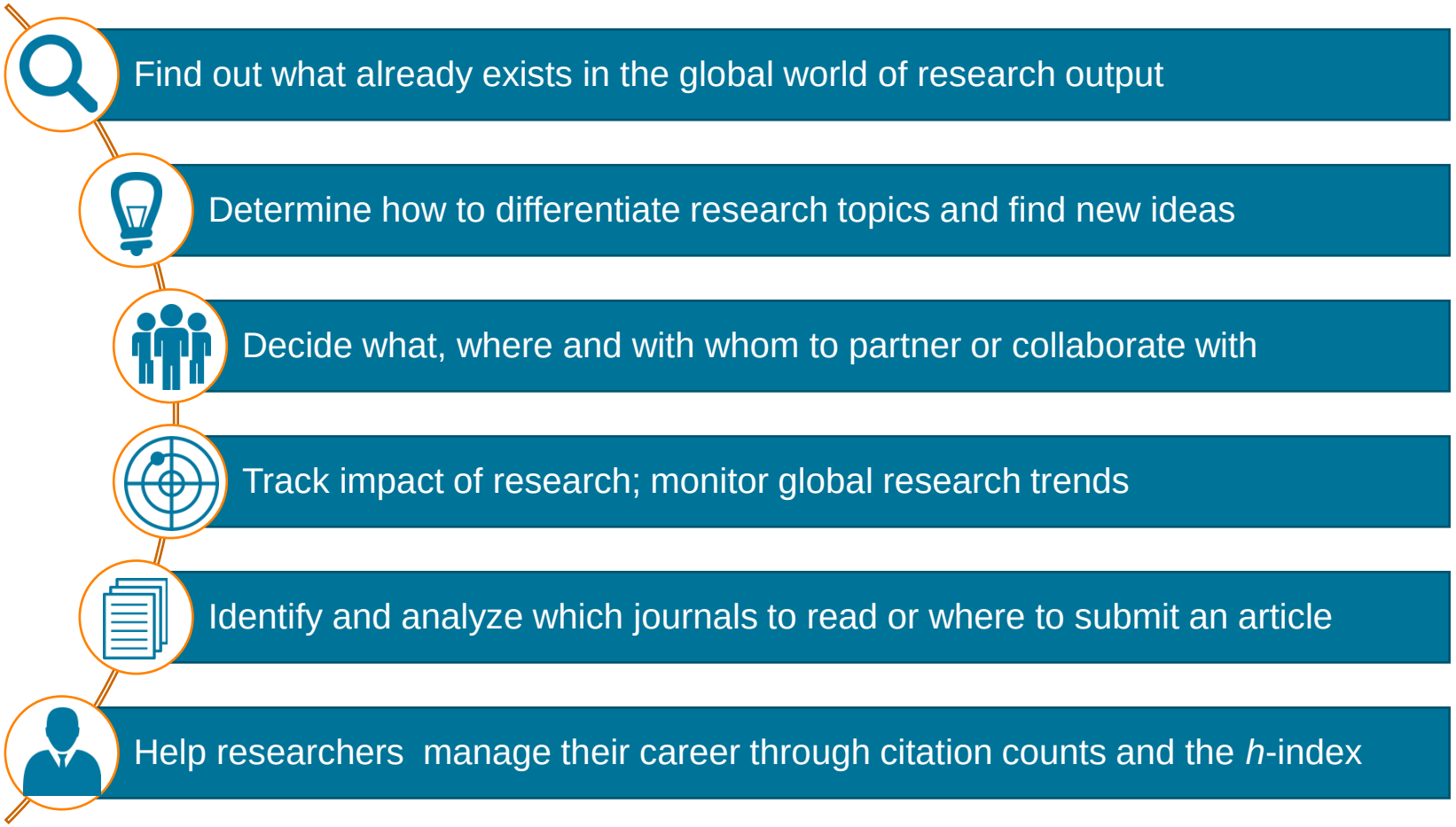
Breadth of coverage across subject areas



Engineering	Medicine	Agriculture	Art & Humanities
Computer Science	Dentistry	Biology	Business
Chemistry	Nursing	Neuroscience	Information
Etc.	Etc.	Etc.	Etc.

More than 22,000 titles in Scopus, titles can be in more than one subject area

Scopus can help researchers



Basic Functions in Scopus

ELSEVIER

Empowering Knowledge

Peer-reviewed research literature

ELSEVIER

Empowering Knowledge

A researcher reads > 300 articles per year

3.7 Hrs spent SEARCHING for articles per week

5.6 Hrs spent READING articles per week

Researchers spend an average **10 hours per week** searching for and reading articles

….of which, **3.5 hours** is spent searching for research articles and **5.5 hours** reading.

- Researchers in Chemistry and Life Science spend longer than average searching for articles and chemists spend longer reading
- Younger researchers spend **> 4hrs** a week searching.
- Researchers from China spend longer searching (**six hours**) and reading (**nine hours**) articles than any other country.

n=4,225

- A researcher typically reads **six** articles per week.
  - Chemists read nine per week. Mathematicians read four articles per week.
  - China-based researchers read one more than average per week (7 articles).
- **After searching and reading for 10 hrs per week only 42% of the papers read are considered important.**

6 articles read per week

42% regarded as 'important'

ELSEVIER
Scopus

Search Sources Alerts Lists Help Nattaphol Sisuruk

Document search

Compare sources

Search Functions

Documents Authors Affiliations Advanced

Search tips

Search

Article title, Abstract, Keywords

E.g., "heart attack" AND stress

Limit

Date range (inclusive)

Published All years to Present

Added to Scopus in the last 7 days

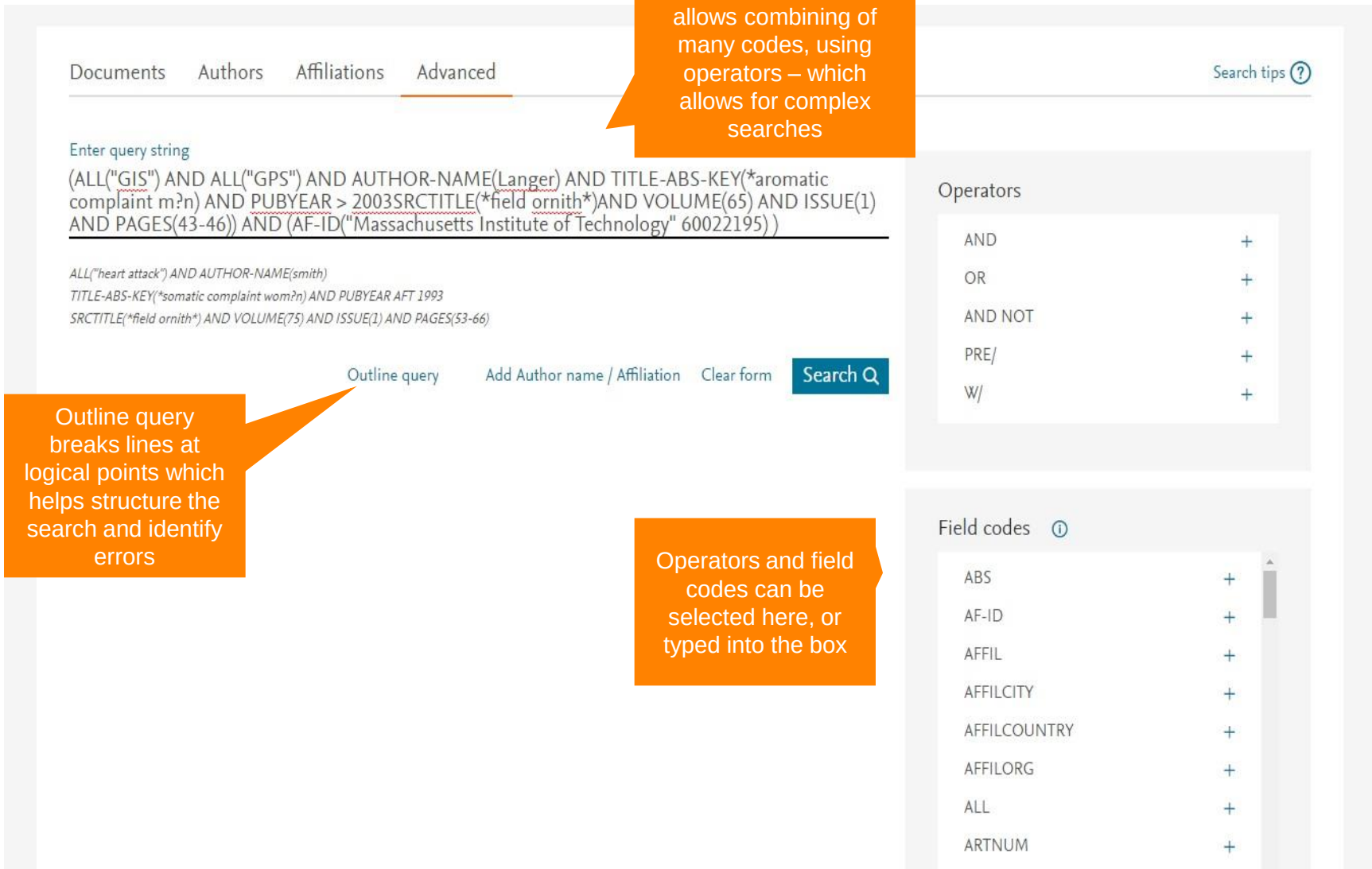
Document type

ALL

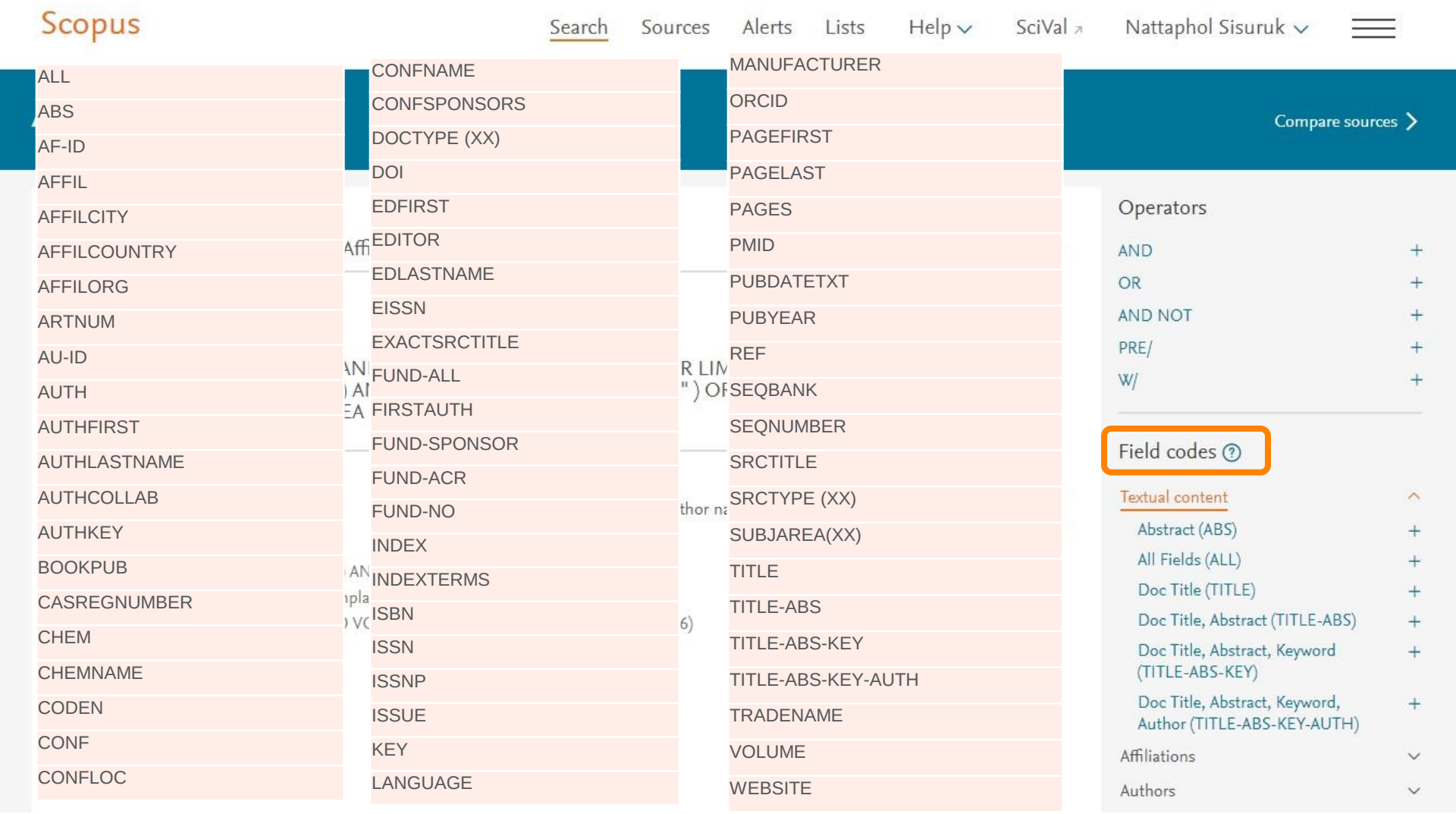
Refine Search Parameters

Reset form Search

Scopus Advanced Search



Advanced Search Field Codes – 102!!



ELSEVIER

Documents | Authors | Affiliations | Advanced | Search tips

Search
"GIS" AND "GPS"
E.g., "heart attack" AND stress

Article title, Abstract, Keywords

4,531 document results

View secondary documents | View 14021 patent results

TITLE-ABS-KEY ("GIS" AND "GPS")

Edit | Save | Set alert | Set feed

1

Search within results...

Refine results

Limit to | Exclude

Year
- 2017 (75)
- 2016 (223)
- 2015 (238)
- 2014 (267)
- 2013 (296)

View more

Author name
- Shikada, M. (18)
- Matejicek, L. (17)
- Cappelle, C. (13)
- Feng, Z.K. (13)

Analyze search results

2

All | Save to Mendeley | Download | View citation overview | View Cited by | Save to list | ...

3

Show all abstracts | Sort on: Cited by (highest)

	Document title	Authors	Year	Source	Cited by
1	On digital soil mapping	McBratney, A.B., Mendonça Santos, M.L., Minasny, B.	2003	Geoderma 117(1-2), pp. 3-52	950
2	Spatial data for landslide susceptibility, hazard, and vulnerability assessment: An overview	van Westen, C.J., Castellanos, E., Kuriakose, S.L.	2008	Engineering Geology 102(3-4), pp. 112-131	319
3	Precision agriculture - A worldwide overview	Zhang, N., Wang, M., Wang, N.	2002	Computers and Electronics in Agriculture 36(2-3), pp. 113-132	308
4	Combining incompatible spatial data	Gotway, C.A., Young, L.J.	2002	Journal of the American Statistical Association 97(458), pp. 632-648	291

4

View abstract | Related documents

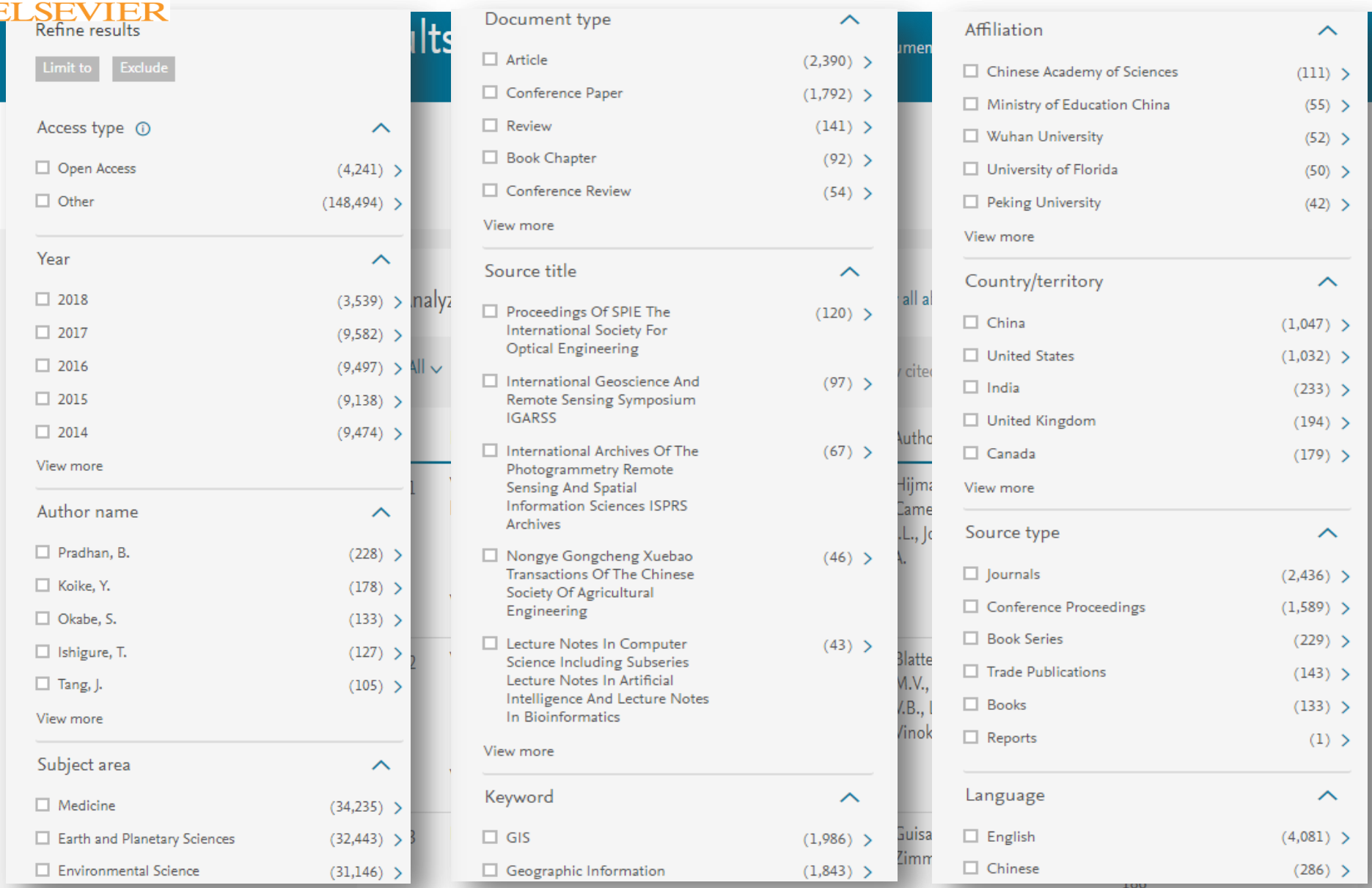
1 Refine Search Results

2 Mendeley/ Download/ Citation Overview/ View Cited by / Alert Setting / View References etc

3 Sorting Option (Date or Number of Citations)

4 Abstract/ Article Record

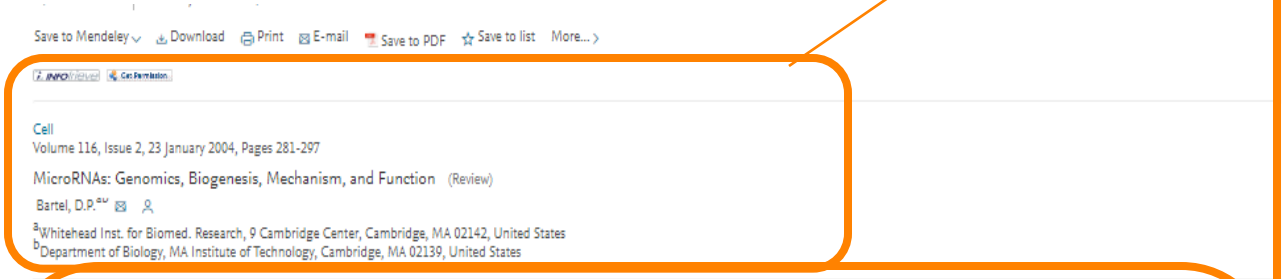
Refine Results by

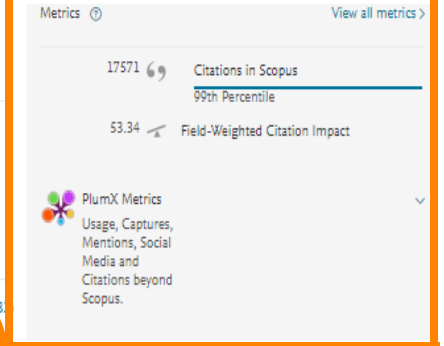


ELSEVIER

Author/Article Information

NEW Feature – Article Metrics Module





Abstract Keywords Funding

Cited by – documents Set Citation Alert

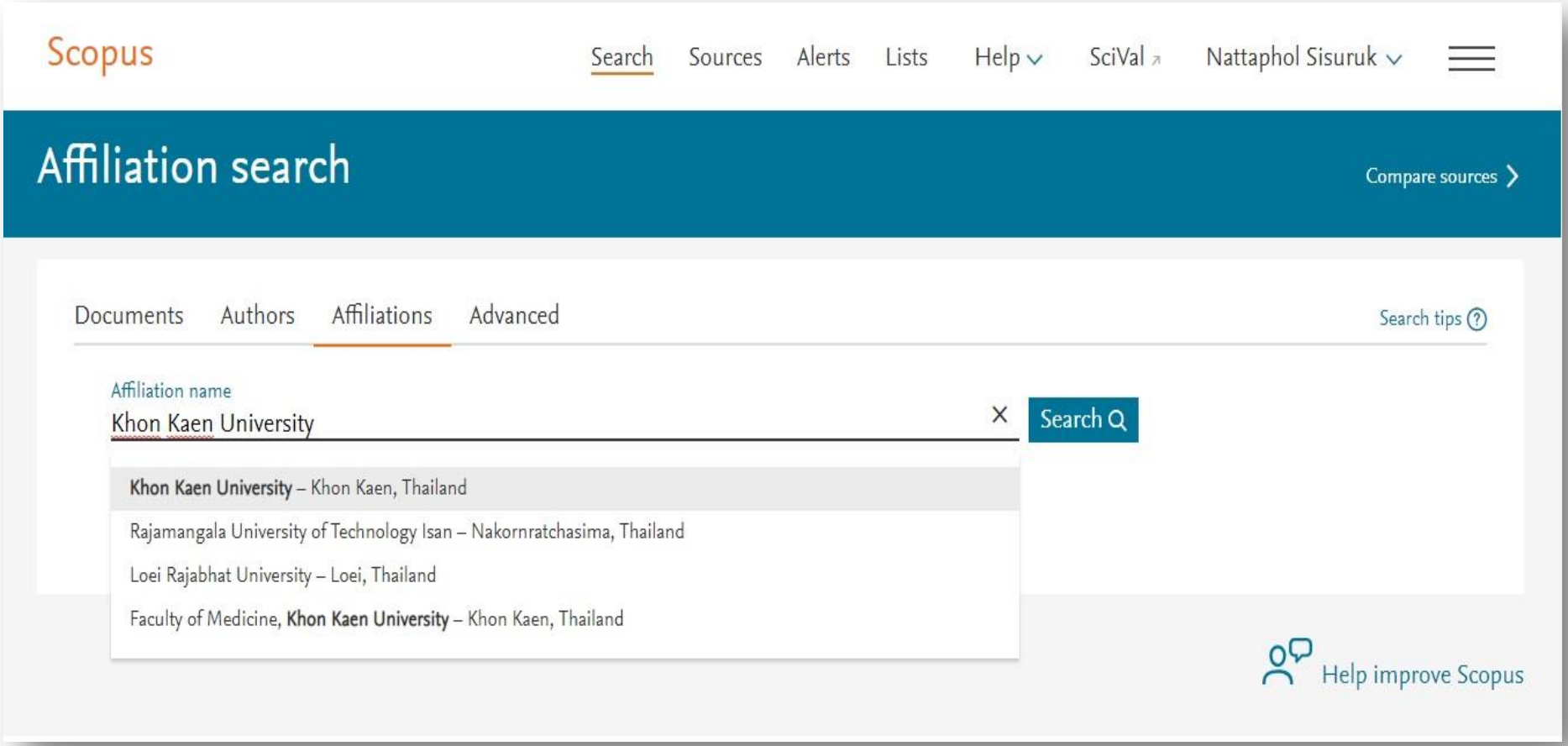
Metadata Reference

Related Documents

Research Profiles in Scopus

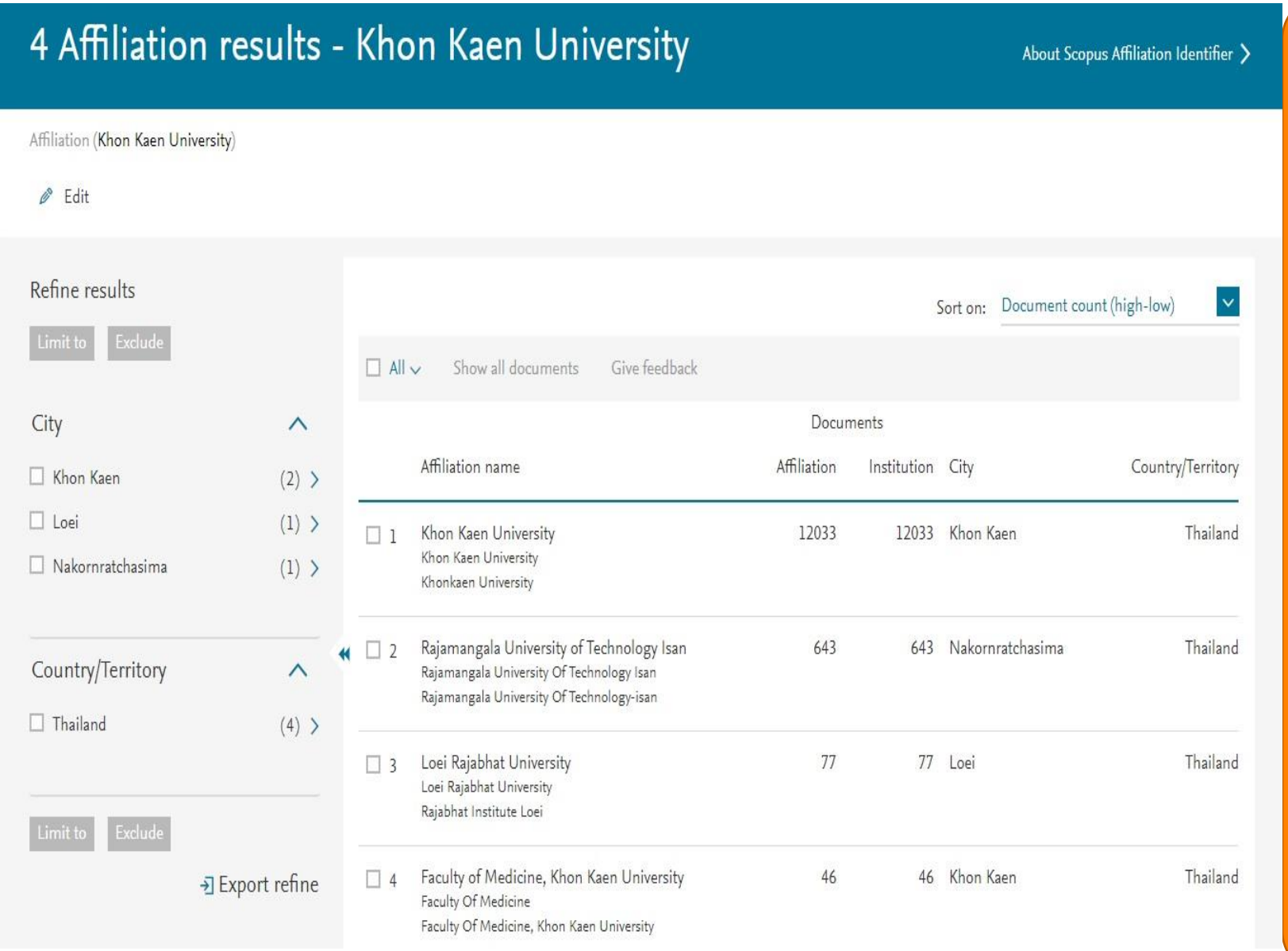
Empowering Knowledge

Affiliation Search



Here we do an affiliation search for “Thailand”

Affiliation Search Results



The results shows all affiliation profiles which includes “Thailand” in either the name or country field.

Affiliation details

Affiliation details - Khon Kaen University

About Scopus Affiliation Identifier

< Return to search results 1 of 4 Next >

Export Print Email

Khon Kaen University

Follow this affiliation

Khon Kaen
Thailand
Affiliation ID: 60017165

View potential affiliation matches

Give feedback Set feed

Other name formats: Khon Kaen University, Khonkaen University

Documents, affiliation only
12,033

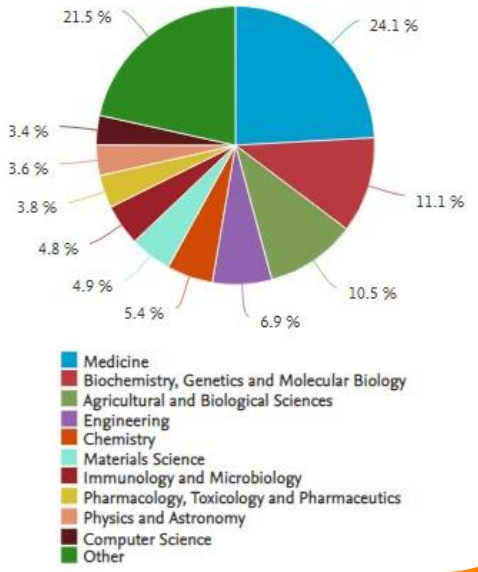
Authors
5,688

Documents by subject area | Collaborating affiliations | Documents by source

Sort by: Document count (high-low)

Medicine	4870	Veterinary	336
Biochemistry, Genetics and Molecular Biology	2245	Multidisciplinary	254
Agricultural and Biological Sciences	2122	Energy	250
Engineering	1387	Nursing	202
Chemistry	1083	Business, Management and Accounting	198
Materials Science	981	Earth and Planetary Sciences	180
Immunology and Microbiology	964	Dentistry	159
Pharmacology, Toxicology and Pharmaceutics	768	Economics, Econometrics and Finance	153
Physics and Astronomy	716	Neuroscience	153
Computer Science	691	Arts and Humanities	119
Environmental Science	619	Health Professions	118
Social Sciences	582	Decision Sciences	61
Mathematics	550	Psychology	59
Chemical Engineering	342	Undefined	6

Khon Kaen University



- Affiliation profiles are profiles which group papers published at relevant institutions.
- The Quality of the profiles is Excellent, yet institutions are welcome to provide feedback to Elsevier.

What is the Challenge? Scholarly Name Ambiguity

Many researchers that too closely resemble one another.

Dr. Lim

Dr. Lim

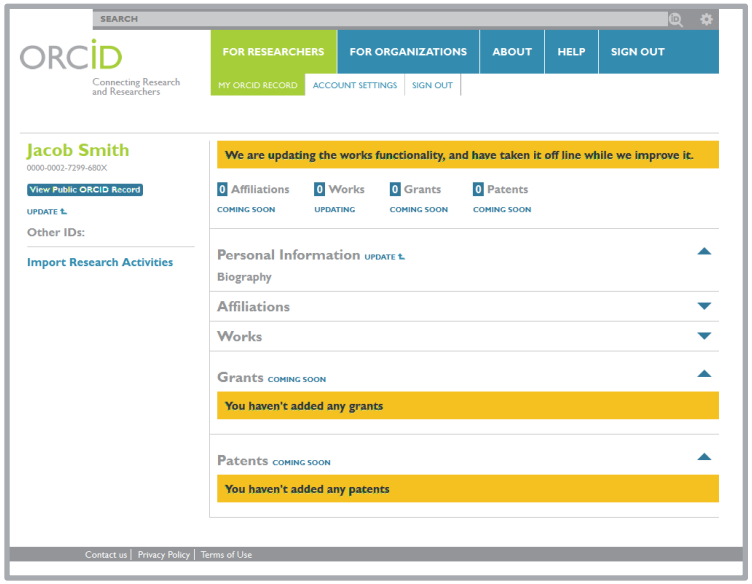
Dr. Lim

Researchers publish under name variations.

Dr. Lim
Dr. W. Lim
Dr. W.L. Lim
Dr. Wee Li Lim
Dr. L. Wee Li

What is the solution? ORCID!

ORCID, the Original Researcher Contributor ID, provides a **persistent digital identifier** that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized.



Dr. Lim
Dr. W. Lim
Dr. Wee Li Lim

Dr. Wee Li Lim
46533489

ELSEVIER

Author search

Compare sources >

To determine which author names should be grouped together under a single identifier number, the Scopus Author Identifier uses an algorithm that matches author names based on their affiliation, address, subject area, source title, dates of publication, citations, and co-authors. Documents with insufficient data may not be matched, this can lead to more than one entry in the results list for the same author. By default, only details pages matched to more than one document in Scopus are shown in search results. About Scopus Author Identifier

Author Search Function

Documents | Authors | Affiliations | Advanced

Search tips

Author last name: Langer

e.g. Smith

Author first name: Robert

e.g. J.L.

Affiliation: Massachusetts Institute of Technology

e.g. University of Toronto

Show exact matches only

Search

ORCID

e.g. 1111-2222-3333-444x

Search

ELSEVIER

5 author results

About Scopus Author Identifier >

Author last name "Langer" , Author first name "Robert" , Affiliation "MIT"

Edit

Show exact matches only

Refine results

Limit to | Exclude

Source title

- Advanced Materials (2)
- Chemical Reviews (2)
- Journal Of Biomedical Materials Research (2)
- Journal Of Controlled Release (2)
- Nature Biomedical Engineering (2)

View more

Affiliation

- Massachusetts Institute of Technology (5)
- Children's Hospital Boston (2)

Sort on: Document count (high-low)

All | Show documents | View | Select

Selecting the right researcher

	Author	Documents	Subject area	Affiliation	City	Country/Territory
1	Langer, Robert Samuel M. Robert, Langer Langer, R. S. LANGER, ROBERT	1631	Biochemistry, Genetics and Molecular Biology ; Materials Science ; Engineering; ...	Massachusetts Institute of Technology	Cambridge	United States
	View last title					
2	Langer, Robert S. Langer, Robert	9	Multidisciplinary ; Pharmacology, Toxicology and Pharmaceutics ; Chemistry; ...	Massachusetts Institute of Technology	Cambridge	United States
	View last title					
3	Langer, Robert	4	Engineering ; Biochemistry, Genetics and Molecular Biology ; Chemical Engineering; ...	Massachusetts Institute of Technology	Cambridge Cambridge Cambridge Boston	United States United States United States United States

Author details

About Scopus Author Identifier

< Return to search results 1 of 5 Next >

Print Email

Langer, Robert Samuel M.

Follow this Author

View potential author matches

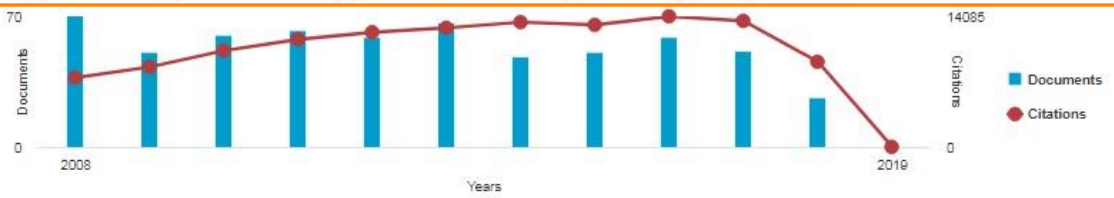
Massachusetts Institute of Technology, David H. Koch Institute for Integrative Cancer Research, Cambridge, United States

Author ID: 7402409226

Other name formats: Robert, Langer | Langer, R. S. | LANGER, ROBERT | Langer, Robert | Langer, Róbert | Langer, R. | Lancer, Robert | LANGER, Robert | Langer, Robert L. | Langer, Robert S.

Subject area: Biochemistry, Genetics and Molecular Biology | Materials Science | Engineering | Pharmacology, Toxicology and Pharmaceutics | Chemistry | Chemical Engineering | Medicine | Multidisciplinary | Physics and Astronomy | Immunology and Microbiology | Neuroscience | Energy | View all

Document and citation trends:



Get citation alerts + Add to ORCID Request author detail corrections

h-index: 204

View *h*-graph

Documents by author 1631

Analyze author output

Total citations 172168 by 100797 documents

View citation overview

1631 Documents | Cited by 100797 documents | 150 co-authors | Author history

View all in search results format >

Sort on: Cited by (highest)

Export all to CSV file | Save all to list | Set document alert | Set document feed

Document title	Authors	Year	Source	Cited by
Tissue engineering	Langer, R., Vacanti, J.P.	1993	Science 260(5110), pp. 920-926	7307

1 Author Details

2 Author Publications and Analytical Features

3 Author History / Get Citation Alerts / Add to ORCID

4 Sorting Option (Date or Number of Citations)

Analytics Functions in Scopus

ELSEVIER

Empowering Knowledge

Analyze Search Results

451,663 document results

View secondary documents | View 347202 patent results | View 19317 Mendeley Data

ALL (gis)

Edit | Save | Set alert | Set feed

Search within results...

Analyze search results

Show all abstracts | Sort on: Cited by (highest)

All | CSV export | Download | View citation overview | View cited by | Save to list | ...

Refine results

Limit to | Exclude

Access type

- Open Access (24,464)
- Other (427,199)

Year

- 2019 (207)
- 2018 (24,448)
- 2017 (36,515)
- 2016 (35,741)

	Document title	Authors	Year	Source	Cited by
1	Principles of fluorescence spectroscopy (Book)	Lakowicz, J.R.	2006	*Principles of Fluorescence Spectroscopy* pp. 1-954	11175
	View abstract | Related documents				
2	Very high resolution interpolated climate surfaces for global land areas	Hijmans, R.J., Cameron, S.E., Parra, J.L., Jones, P.G., Jarvis, A.	2005	International Journal of Climatology 25(15), pp. 1965-1978	9202
	View abstract | Related documents				

Analyze Search Results

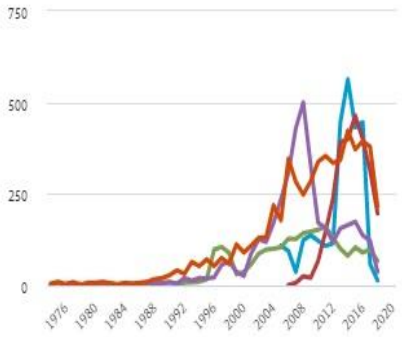
ALL (gis)

317,414 d

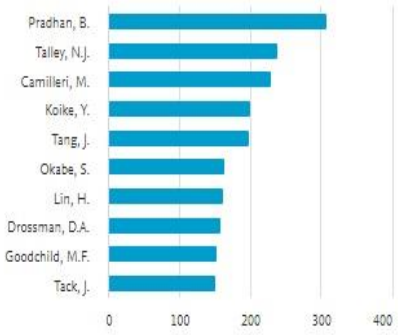
Year

2019
2018
2017
2016
2015
2014
2013
2012
2011

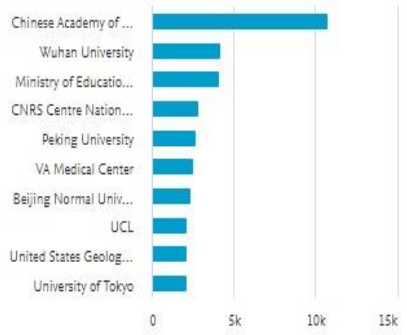
Documents per year by source



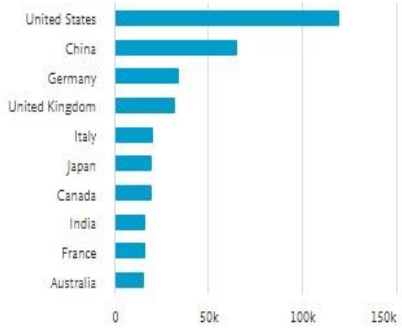
Documents by author



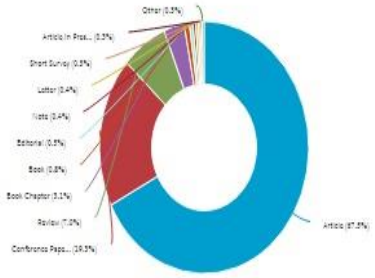
Documents by affiliation



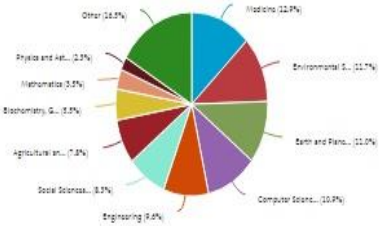
Documents by country/territory



Documents by type



Documents by subject area



Article Metric Module : Every article in Scopus has metrics

Document details

‹ Back to results | 1 of 71,566 Next ›

Save to Mendeley Download Print E-mail Save to PDF Save to list More... ›

INFOrieve Get Permission

Article Metrics Module

Cell
Volume 116, Issue 2, 23 January 2004, Pages 281-297

MicroRNAs: Genomics, Biogenesis, Mechanism, and Function (Review)

Bartel, D.P.[ab]

[a]Whitehead Inst. for Biomed. Research, 9 Cambridge Center, Cambridge, MA 02142, United States
[b]Department of Biology, MA Institute of Technology, Cambridge, MA 02139, United States

Abstract View references (132)

MicroRNAs (miRNAs) are endogenous ~22 nt RNAs that can play important regulatory roles in animals and plants by targeting mRNAs for cleavage or translational repression. Although they escaped notice until relatively recently, miRNAs comprise one of the more abundant classes of gene regulatory molecules in multicellular organisms and likely influence the output of many protein-coding genes.

Indexed keywords

EMTREE drug terms: microRNA, small interfering RNA

EMTREE medical terms: biogenesis, gene control, gene expression, gene function, gene repression, gene sequence, gene targeting, genetic code, genomics, human, intron, molecular mechanics, molecular recognition, nonhuman, plant, priority journal, promoter region, regulatory mechanism, review, RNA analysis, RNA cleavage, RNA transcription, sequence analysis, stem cell, translation regulation

MeSH: Animals, Base Sequence, Caenorhabditis elegans, Drosophila, Genome, Humans, MicroRNAs, Models, Biological

Metrics View all metrics ›

17401 Citations in Scopus
99th Percentile

53.34 Field-Weighted Citation Impact

PlumX Metrics
Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 17401 documents

MicroRNA-30a Regulation of Epithelial-Mesenchymal Transition in Diabetic Cataracts Through Targeting SNAI1
Zhang, L. , Wang, Y. , Li, W.
(2017) Scientific Reports

Upregulation of circulating microRNA-134 in adult-onset Still's disease and its use as potential biomarker
Liao, T.-L. , Chen, Y.-M. , Hsieh, C.-W.
(2017) Scientific Reports

Circulating miRNA-21-5p as a diagnostic

Article Metric Module : Article Metrics Details

Metric Details

Email

MicroRNAs: Genomics, Biogenesis, Mechanism, and Function Back to article
(2004) Cell, 116(2), pp. 281-297

Scopus Metrics

About Snowball Metrics

Citation Count	Field-Weighted Citation Impact	Citation Benchmarking
17401	53.34	99th percentile
Cited by in Scopus		Compared to Biochemistry, Genetics and Molecular Biology articles of same age and document type

Cited by

17401 Citations
Date range: 2010 to 2017
Exclude self citations
Exclude citations from books
Edit the data for this graph. Update

Benchmarking
Measures of activity relative to specific research domains, based on cited by in Scopus
Compared to Biochemistry, Genetics and Molecular Biology articles of the same age and document type
All Citations 99 TH PERCENTILE

PlumX Metrics
see details

Usage

EBSCO - Abstract Views:	219
EBSCO - Link-outs:	57

Captures

EBSCO - Exports-Saves:	24
Mendeley - Readers:	4096

Mentions

Blog - doi.org:	4
Blog - dx.doi.org:	1
News - sciencedirect.com:	1
Wikipedia - Links:	4

Social Media

Twitter - sciencedirect.com:	3
Twitter - www.scopus.com:	3

Citations

CrossRef - Citation Indexes:	12755

PlumX Metrics : The Five Categories

The Five Categories:

Usage – A way to signal if anyone is reading the articles or otherwise using the research. Usage is the number one statistic researchers want to know after citations.

Examples: clicks, downloads, views, library holdings, video plays Learn more

Captures – Indicates that someone wants to come back to the work. Captures can be an leading indicator of future citations.

Examples: bookmarks, code forks, favorites, readers, watchers Learn more

Mentions – Measurement of activities such as news articles or blog posts about research. Mentions is a way to tell that people are truly engaging with the research.

Examples: blog posts, comments, reviews, Wikipedia links, news media Learn more

Social media -This category includes the tweets, Facebook likes, etc. that reference the research. Social Media can help measure "buzz" and attention. Social media can also be a good measure of how well a particular piece of research has been promoted.

Examples: +1s, likes, shares, tweets Learn more

Citations – This is a category that contains both traditional citation indexes such as Scopus, as well as citations that help indicate societal impact such as Clinical or Policy Citations.

Examples: citation indexes, patent citations, clinical citations, policy citations Learn more

SciVal Topic Prominence

Save to Mendeley | Download | Print | E-mail | Save to PDF | Save to list | More...

INFOtrieve | Get Permission

International Journal of Climatology
Volume 25, Issue 15, December 2005, Pages 1965-1978

Very high resolution interpolated climate surfaces for global land areas (Article)

Hijmans, R.J.[a], Cameron, S.E.[a,b,c], Parra, J.L.[a], Jones, P.G.[d], Jarvis, A.[d,e]

[a]Museum of Vertebrate Zoology, University of California, 3101 Valley Life Sciences Building, Berkeley, CA, United States
[b]Department of Environmental Science and Policy, University of California, Davis, CA, United States
[c]Rainforest Cooperative Research Centre, University of Queensland, Cairns, QLD, Australia

View additional affiliations

Abstract

View references (25)

We developed interpolated climate surfaces for global land areas (excluding Antarctica) at a spatial resolution of 30 arc s (often referred to as 1-km spatial resolution). The climate elements considered were monthly precipitation and mean, minimum, and maximum temperature. Input data were gathered from a variety of sources and, where possible, were restricted to records from the 1950-2000 period. We used the thin-plate smoothing spline algorithm implemented in the ANUSPLIN package for interpolation, using latitude, longitude, and elevation as independent variables. We quantified uncertainty arising from the input data and the interpolation by mapping weather station density, elevation bias in the weather stations, and elev validation. Elevation bias tended to be negative (stations lower than expected) at high latitudes but p ly sampled areas. Data partitioning showed high uncertainty of the surfaces on isolated islands, e.g. resolution showed an enormous variation within grid cells, illustrating the value of high-resolution surf howed overall agreement, but with significant variation in some regions. A comparison with two high-resolu differences, particularly in mountainous areas. Compared to previous global climatologies, ours has th imes greater or more); more weather station records were used; improved elevation data were used; and m ilable. Owing to the overall low density of available climate stations, our surfaces do not capture of all var n in mountainous areas. In future work, such variation might be captured through knowledge-based meth hrough remote sensing. Copyright © 2005 Royal Meteorological Society.

New: SciVal Topic Prominence

Topics are unique areas of research, created using all Scopus publications from 1996 onwards.

Use this section to learn about the Topic, find key authors to follow, and view related documents.

Learn more about these Topics

SciVal Topic Prominence

Topic: climate change | models | models SDMs

Prominence percentile: 99.754

Author keywords

ANUSPLIN | Climate | Error | GIS | Interpolation | Precipitation | Temperature | Uncertainty

Metrics View all metrics

9857 Citations in Scopus
99th percentile

27.60 Field-Weighted Citation Impact

PlumX Metrics
Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 9857 documents

Responses of vegetation to climatic variations in the desert region of northern China
Zhu, Y. , Zhang, J. , Zhang, Y.
(2019) Catena

Identifying landscape species for ecological planning
Khosravi, R. , Hemami, M.-R.
(2019) Ecological Indicators

Local topographic and edaphic factors largely predict shrub encroachment in Mediterranean drylands
Nunes, A. , Köbel, M. , Pinho, P.
(2019) Science of the Total Environment

View all 9857 citing documents

Inform me when this document is cited in Scopus:
Set citation alert | Set citation feed

Related research data

SciVal Topic Prominence

climate change | models | models SDMs (T.809)

Year range: 2013 - 2017

Representative documents

A practical guide to MaxEnt for modeling species' distributions: What it does, and why inputs and settings matter
Merow, C.,Smith, M.J.,Silander, J.A....
(2013) *Ecography*
Cited 648 times

The role of biotic interactions in shaping distributions and realised assemblages of species: Implications for species distribution modelling
Wisz, M.S.,Pottier, J.,Kissling, W.D....
(2013) *Biological Reviews*
Cited 471 times

Predicting species distributions for conservation decisions
Guisan, A.,Tingley, R.,Baumgartner, J.B....
(2013) *Ecology Letters*
Cited 438 times

Selecting thresholds for the prediction of species occurrence with presence-only data
Liu, C.,White, M.,Newell, G....
(2013) *Journal of Biogeography*
Cited 278 times

Top authors

	Scholarly Output
Guisan, Antoine	45
Thuiller, Wilfried	33
Araújo, Miguel B.	28
Zimmermann, Niklaus E.	28
Peterson, Andrew Townsend	23

Keyphrase analysis

Chart | Table

Keywords	Relevance	Growth
climate change	1.00	46.1%
models	0.79	71.3%
niche	0.53	57.0%
niches	0.49	90.0%
model	0.46	50.8%
climatic zones	0.45	48.2%

Analyze in SciVal >

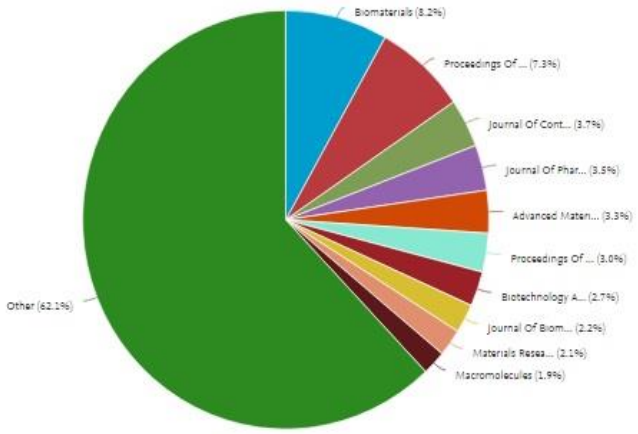
Analyzed Author Output

Langer, Robert Samuel M.

Massachusetts Institute of Technology, David H. Koch Institute for Integrative Cancer Research, Cambridge, United States
Author ID:7402409226

Source	Documents
Biomaterials	109
Proceedings Of The National Academy Of Sciences Of The United States Of America	98
Journal Of Controlled Release	50
Journal Of Pharmaceutical Sciences	47
Advanced Materials	44
Proceedings Of The Controlled Release Society	40
Biotechnology And Bioengineering	36
Journal Of Biomedical Materials Research	30
Materials Research Society Symposium	28

Documents by source



1,337

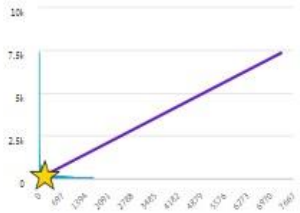
By type

By year

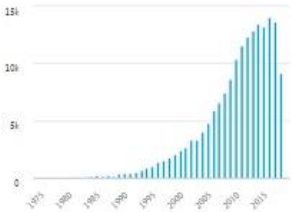
By subject

Click on cards below to see additional data.

h-index 204



Citations 172,168



150 co-authors

Author Name	Co-authored Documents
Anderson, Daniel G.	219
Farokhzad, Omid Cameron	87
Kohane, Daniel S.	79
Vacanti, Joseph Phillip	77
Khademhosseini, Ali L.I.	67

Author quantity & quality by " h-Index "

- Developed in 2005 by Jorge Hirsch, a condensed-matter physicist and peace activist from University of California in San Diego

"The h-index is the highest number of papers a scientist has that have at least that number of citations."

Nature (2005)

- Ignores the highly & poorly cited papers
- Dynamic, not a static number – can change as citations increase, real-time in Scopus
- Can be used to measure : Authors, Journals, Institutions, Departments, Faculties, Selection of Papers etc..etc..etc

View h – graph

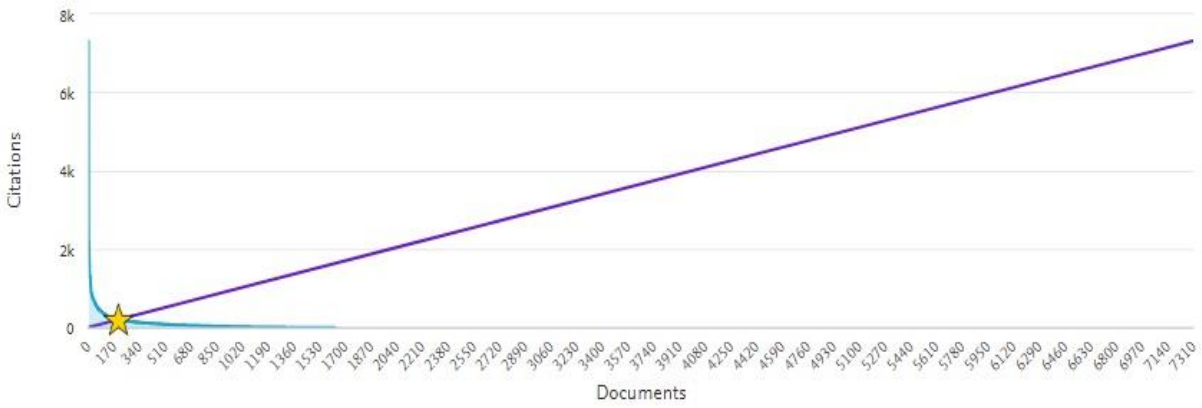
Langer, Robert Samuel M.
Massachusetts Institute of Technology, David H. Koch Institute for Integrative Cancer Research, Cambridge, United States
Author ID:7402409226

Documents	Citations	Title
200	205	Synthesis of poly(β-amino est...
201	205	Controlled-release of IGF-I an...
202	205	Moisture-induced aggregatio...
203	204	pH-responsive polymer micro...
204	204	Determinants of Release Rate ...
205	203	Nanoparticle technologies for...
206	203	Gold, poly(β-amino ester) nan...
207	203	Three-dimensional microfluid...

This author's *h*-index

204

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

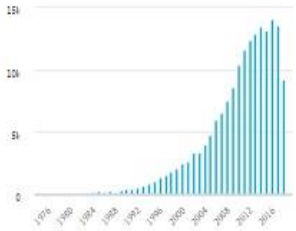


Click on cards below to see additional data.

Documents

Citations

172,168



150 co-authors

Author Name	Co-authored Documents
Anderson, Daniel G.	219
Farokhzad, Omid Cameron	87
Kohane, Daniel S.	79
Vacanti, Joseph Phillip	77
Khademhosseini, Ali L.I.	67

View Citation Overview

Citation overview

Back to author details

Export Print

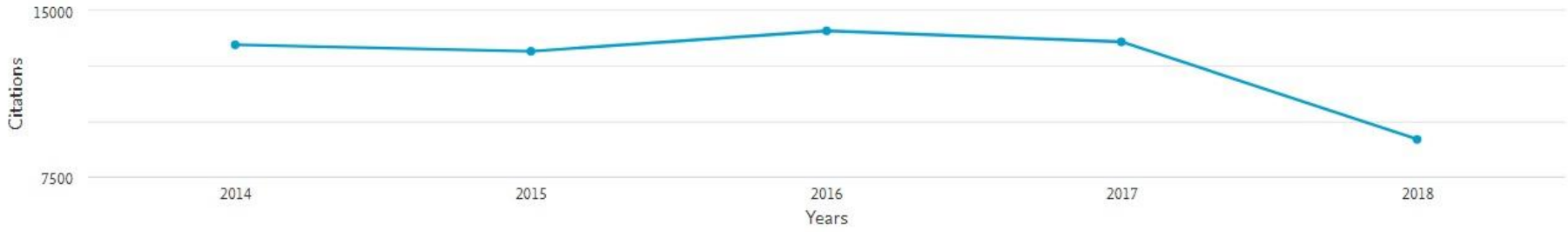
This is an overview of citations for this author.

Author *h*-index : 204 View *h*-graph

1631 Cited Documents from"Langer, Robert Samuel M." + Save to list

Author ID:7402409226

Date range: 2014 to 2018 Exclude self citations of selected author Exclude self citations of all authors Exclude citations from books Update



Sort on: Date (newest)

Page Remove

	Documents	Citations	<2014	2014	2015	2016	2017	2018	Subtotal	>2018	Total
		Total	108683	13456	13161	14085	13586	9178	63466	19	172168
1	Surface tension-assisted additive manufacturing	2018						2	2		2
2	Development of an oral once-weekly drug delivery system for ...	2018						10	10		10
3	Evaporative Cooling Hydrogel Packaging for Storing Biologics...	2018							0		0
4	Advances in Biomaterials for Drug Delivery	2018						1	1		1

Journal Metrics

Empowering Knowledge

Journal Metrics

	Impact Factor™	SNIP & SJR & CiteScore
Metric	1st Generation	2nd & 3rd Generation
Equation	Concealed	Transparent
Coverage	12,000	22,000
Citation Window	2 & 5 years	3 years

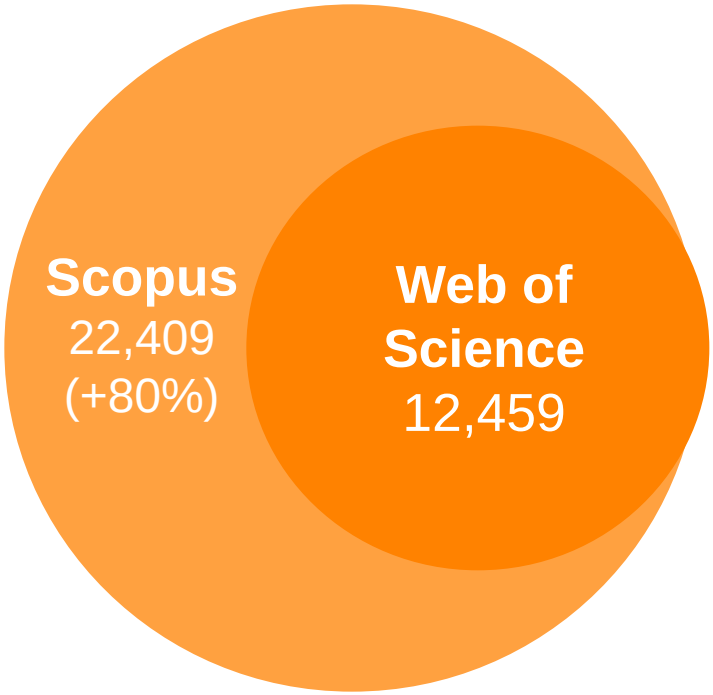
Overall Content Comparison with Web of Science

Scopus

~22K titles

>5,000 publishers

Updated daily

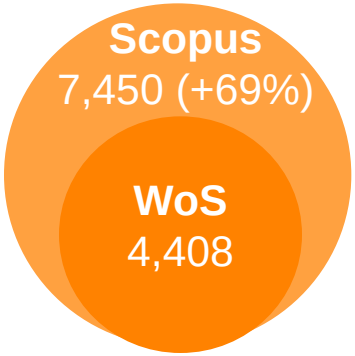


WEB OF SCIENCE™

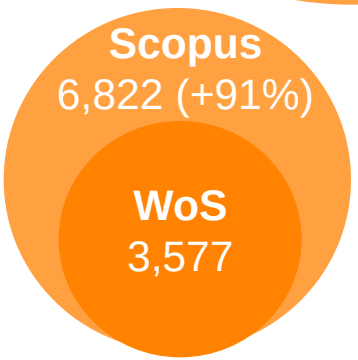
~12K titles (Core Collection),
(18,000 with ESCI)

3,300 publishers

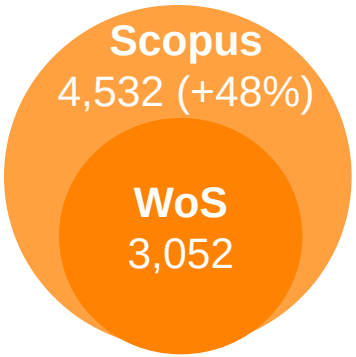
Updated weekly



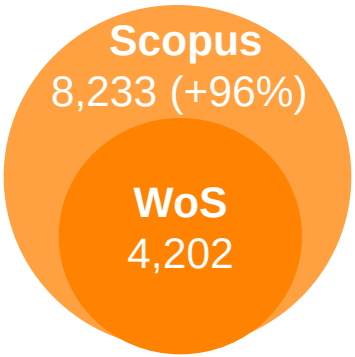
Physical Sciences



Health Sciences



Life Sciences



Social Sciences

Source: Web of Science Real Facts, Web of Science Core Collection title list and Scopus' own data (May 2016)

Broader coverage = higher citations

View at publisher | Full Text | Library Catalogue | View in EMBASE | Download | Export | Print | E-mail | Create bibliography | Add to

Nature

Volume 409, Issue 6822, 15 February 2001, Pages 860-921

Initial sequencing and analysis of the human genome

Lander, E.S.[a], Linton, L.M.[a], Birren, B.[a], Nusbaum, C.[a], Zody, M.C.[a], Baldwin, J.[a], Devon, K.[a], Dewar, K.[a], Doyle, M
Gage, D.[a], Harris, K.[a], Heaford, A.[a], Howland, J.[a], Kann, L.[a], Lehoczky, J.[a], Levine, R.[a], McEwan, P.[a], McKernan, K.[a],

Cited by since 1996

This article has been cited 9456 times in Scopus:
(Showing the 2 most recent)

Iida, A. , Hosono, N. , Sano, M.
Novel deletion mutations of OPTN in amyotrophic lateral sclerosis in Japanese
(2012) Neurobiology of Aging

Ice, J.A. , Li, H. , Adrianto, I.
Genetics of Sjögren's syndrome in the genome-wide association era
(2012) Journal of Autoimmunity

Web of Science®

Title: **Initial sequencing and analysis of the human genome**
Author(s): **Lander ES ; Linton LM ; Birren B ; et al.**
Group Author(s): **Int Human Genome Sequencing Conso**
Source: **NATURE** Volume: **409** Issue: **6822** Pages: **860-921** DOI: **10.1038/35057062** Published: **FEB 15 2001**

8,870 in *Web of Science*

Impact Factor™

A ratio between citations and recent citable items published in a journal; the average number of citations received per published article.

Citations to non-source items (editorials, letters, news items, book reviews, abstracts, etc) may inflate the IF

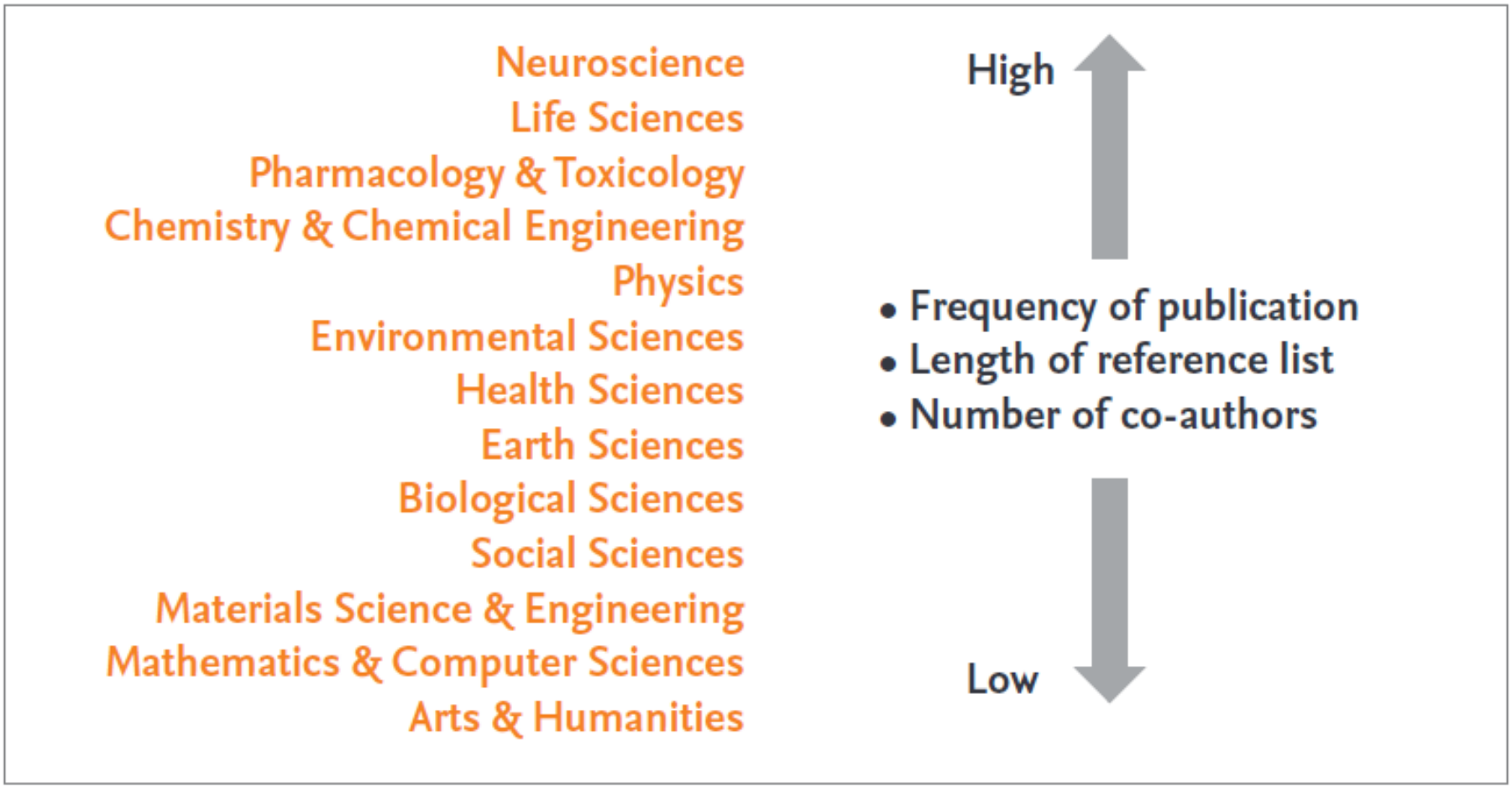
2008 Impact Factor =

A = the number of times that **all items** published in that journal in 2006 and 2007 were cited by indexed publications during 2008.

B = the total number of "citable items" published by that journal in 2006 and 2007.

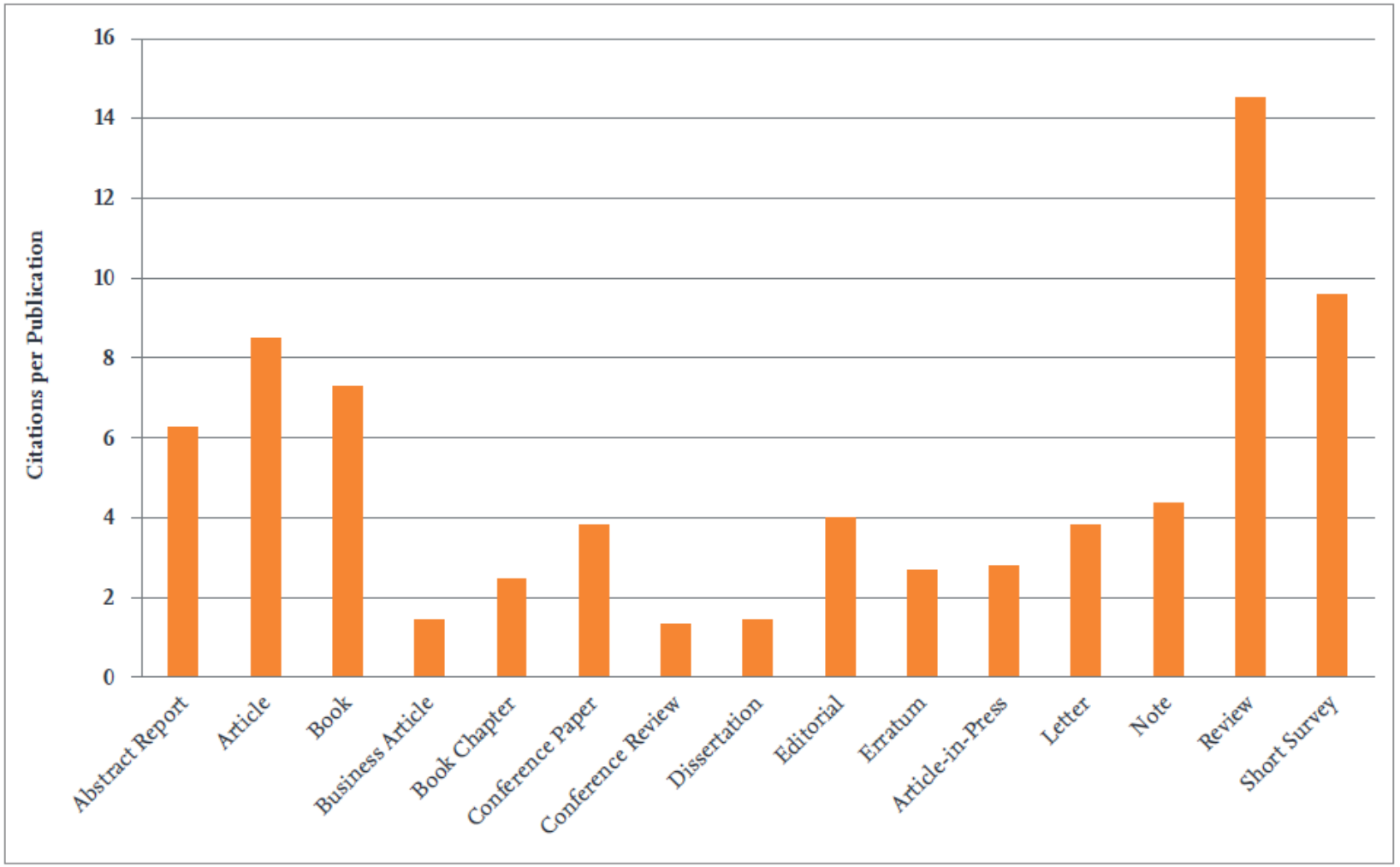
("Citable items" for this calculation are usually articles, reviews, proceedings, or notes; not editorials or letters to the editor).

Citation practices differ between disciplines



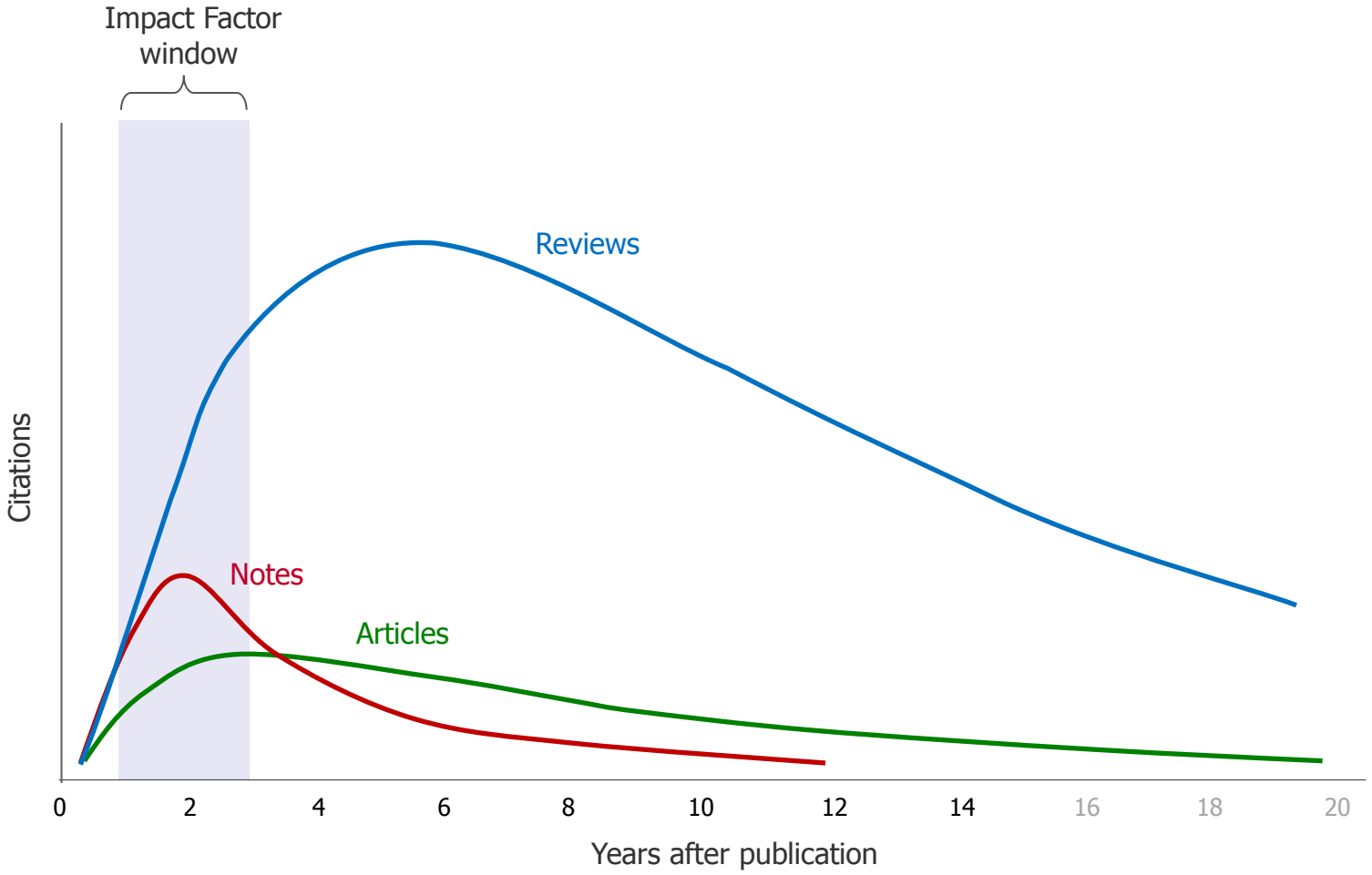
Because some subject areas are cited more often than others, we should not compare papers from different fields without applying normalization.

Publications types receive differing levels of citations



Because some publication types are cited more often than others, we should not compare different types without applying normalization.

Influences on the IF: Article type



ELSEVIER

Impact Factor doubts

THE CHRONICLE OF HIGHER EDUCATION

October 14 2005

The Number That's Devouring Science

The impact factor, once a simple way to rank scientific journals, has become an unyielding yardstick for hiring, tenure, and grants

By RICHARD MONASTERSKY

THE WALL STREET JOURNAL.

June 5, 2006

Science Journals Artfully Try To Boost Their Rankings

BY

Journal of Documentation

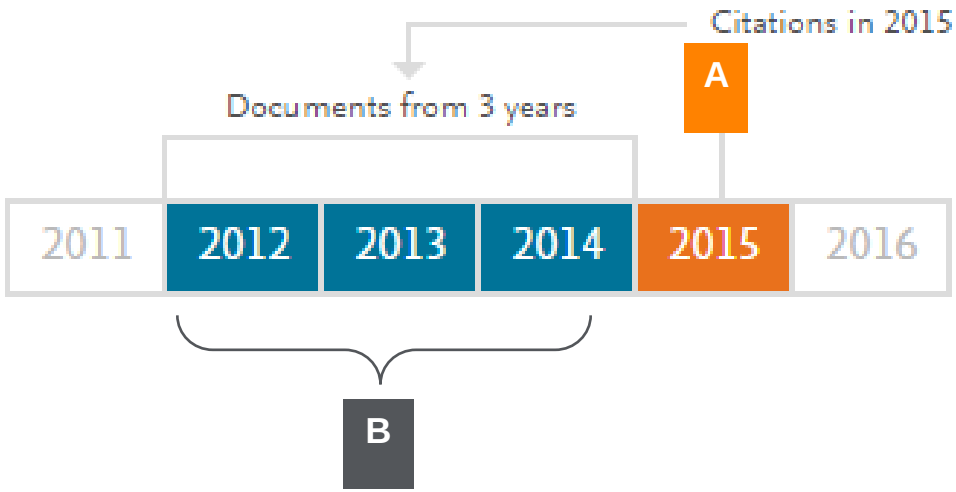
Vol. 64, Iss. 2 (2008)

Is the impact of journal impact factors decreasing?

Jan Reedijk
Leiden Institute of Chemistry, Leiden University, Leiden, The Netherlands, and
Henk F. Moed
Centre for Science and Technology Studies (CWTS), Leiden University, Leiden, The Netherlands

CiteScore is a simple metric for all Scopus serial titles

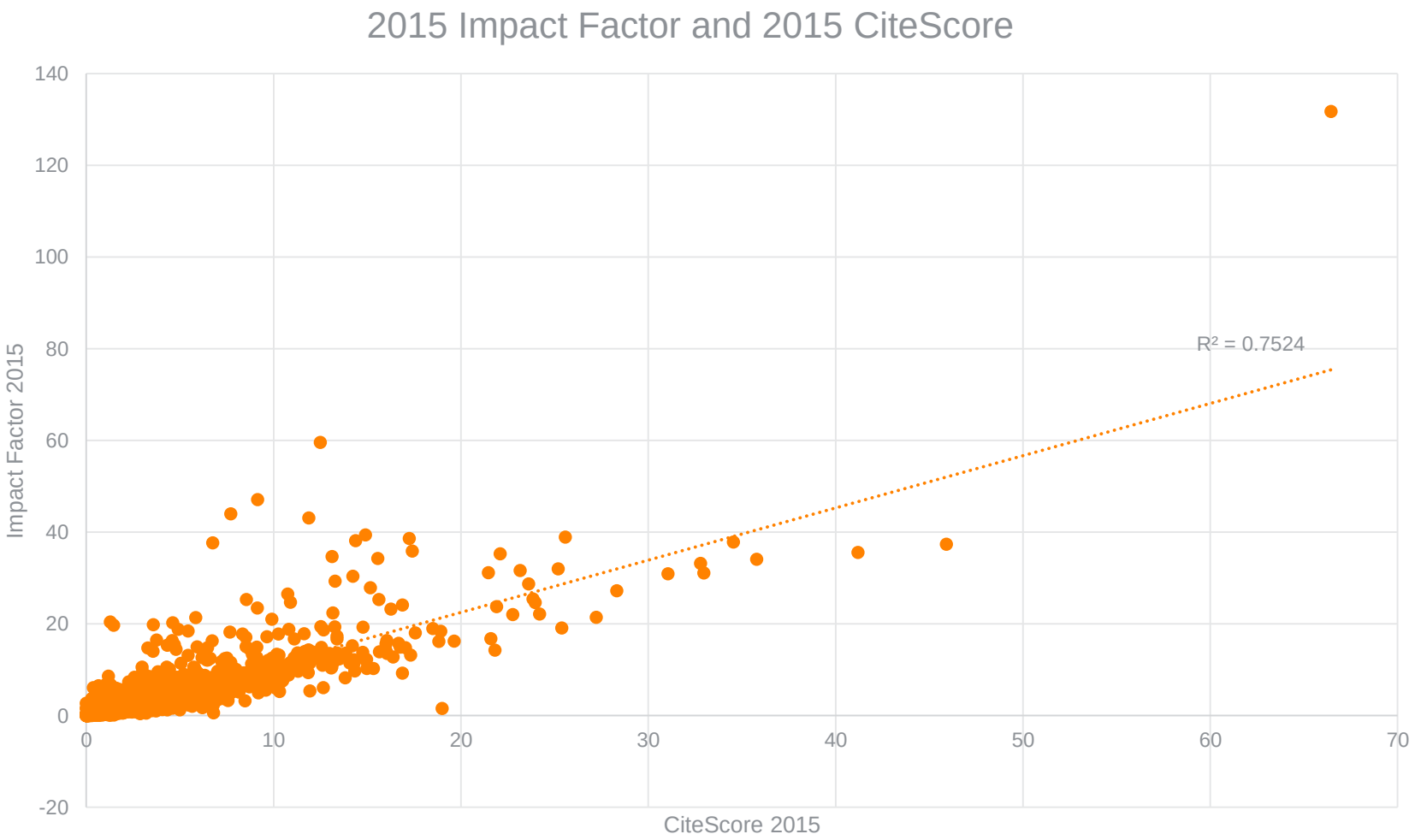
CiteScore 2015 value = $\frac{A}{B}$



CiteScore	Impact Factor
A = citations to 3 years of documents	A = citations to 2 or 5 years of documents
B = all documents indexed in Scopus, same as A	B = only citable items (articles and reviews), different from A

Note: at launch, all serial titles in the May 2016 title list, and with some documents indexed in 2016, will have CiteScore metrics

CiteScore 2015 correlates 75% with Impact Factor



CiteScore is a simple metric for all Scopus serial titles

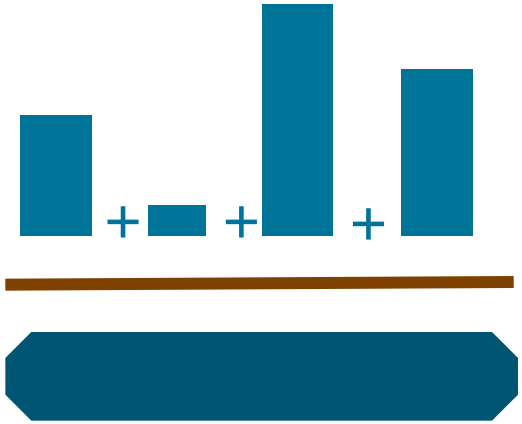
Desirable characteristic	CiteScore	CiteScore Tracker	Impact Factor	
Metric measures citations per document	✓	✓	✓	Replicate strong characteristics
Simple method	✓	✓	✓	
Annual snapshot for reporting purposes	✓	✗	✓	
Document type consistency (num. and denom.)	✓	✓	✗	Improved methodology
Fair compromise for all fields – 3y citation window	✓	✓	✗	
Derivative metric addresses disciplinary differences	✓	✓	✗	
Ongoing inclusion of error correction	✗	✓	✗	
Available for all serials indexed (not only journals)	✓	✓	✗	Comprehensive
New titles have the metric next calendar year	✓	✓	✗	Current
Tracking view for verification and decision making	✗	✓	✗	
Metric is current – updated monthly	✗	✓	✗	
It's calculated from the same database I use	✓	✓	✗	Transparent
Metric and derivative metrics are free	✓	✓	✗	
I can use a free widget on my webpage	✓	✓	✗	
Journal-level evaluation functionality is free	✓	✓	✗	
Underlying database available to verify calculation	✓	✓	✗	

SNIP: Source-normalized impact per paper

Universiteit Leiden

All **20K** journals have **a Source-normalized impact per paper** (SNIP) measuring contextual citation impact by weighting citations per subject field

- Peer-reviewed papers only
- Three year citation window
- Field's frequency and immediacy of citation
- Database coverage
- Journal's scope and focus
- Measured relative to database median

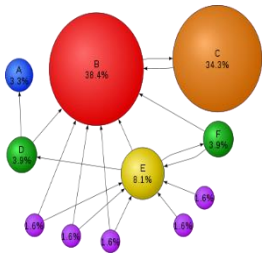


Journal	IPP	Cit. Pot.	SNIP (RIP/Cit. Pot.)
Inventiones Mathematicae	1.5	0.4	**3.8**
Molecular Cell	13.0	3.2	**4.0**

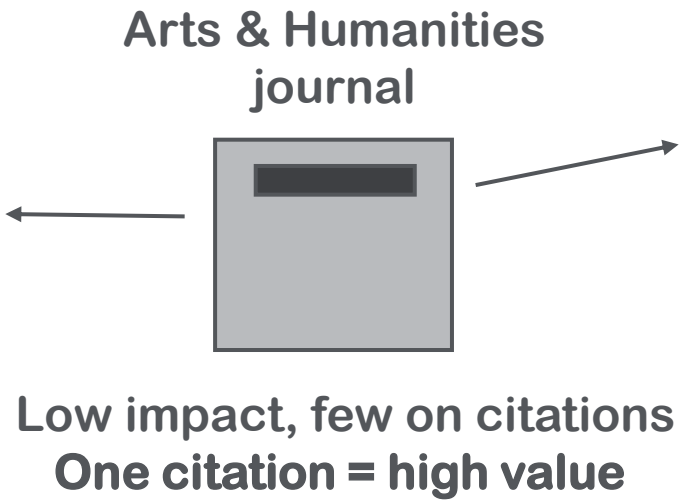
SJR: SCImago Journal Rank

All **20K** journals have a **SCImago Journal Rank** (SJR) a prestige metric based on the idea that not all citations are equal

- SJR is a variant of the eigenvector centrality measure used in network theory and is inspired by the PageRank algorithm used in Google.



- Prestige transferred when a journal cites
  - Citations are weighted depending on where they come from
  - journal's prestige is shared equally between its citations



SJR normalizes for differences in citation behaviour between subject fields

Browse Sources

Scopus

Search | Sources | Alerts | Lists | Help | SciVal | Nattaphol Sisuruk

Sources

Title
- Subject area
- Title
- Publisher
- ISSN

Enter title

Find sources

Display options

- Display only Open Access journals
- Display only source with minimum 0 Documents (previous 3 years)

Citescore highest quartile

- Show only titles in top 10 percent
- 1st quartile
- 2nd quartile
- 3rd quartile
- 4th quartile

Source type

- Journals
- Book Series
- Conference Proceedings
- Trade Publications

Apply | Clear filters

25,322 titles

Download Scopus Source List

View metrics for year: 2017

Source title	CiteScore	Highest percentile	Citations 2017	Documents 2014-16	% Cited	SNIP
Ca-A Cancer Journal for Clinicians	130.47	99% 1/120 Hematology	16961	130	70	88.164
MMWR. Recommendations and reports : Morbidity and mortality weekly report. Recommendations and reports / Centers for Disease Control Open Access	63.12	99% 1/87 Epidemiology	1010	16	100	32.534
Chemical Reviews	51.08	99% 1/359 General Chemistry	44389	869	97	11.97
Chemical Society Reviews	39.42	99% 2/359 General Chemistry	42223	1071	98	7.967
National vital statistics reports : from the Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System	36.13	98% 1/46 Life-span and Life-course Studies	1120	31	100	19.73

CiteScore is one of a family of related metrics, available for FREE

Source details

Feedback > Compare sources >

Gadjah Mada International Journal of Business

Scopus coverage years: from 2010 to Present
Publisher: Universitas Gadjah Mada
ISSN: 1411-1128 E-ISSN: 2338-7238
Subject area: Business, Management and Accounting: Business and International Management

Set document alert | Journal Homepage | Library Catalogue | ACNP Cat.Periodici

Visit Scopus Journal Metrics

CiteScore 2015
0.24

SJR 2015
0.149

SNIP 2015
0.389

CiteScore | CiteScore rank & trend | Scopus content coverage

CiteScore 2015

$$0.24 = \frac{\text{Citation Count 2015}}{\text{*Documents 2012 - 2014}} = \frac{\text{11 Citations}}{\text{45 Documents}}$$

*CiteScore includes all available document types

CiteScore rank
In category: Business and International Management
Percentile: 26th Rank: #225/306 >

View CiteScore trends >

CiteScoreTracker 2016

$$0.17 = \frac{\text{Citation Count 2016}}{\text{Documents 2013 - 2015}} = \frac{\text{8 Citations to date >}}{\text{46 Documents to date >}}$$

Last updated on *29 October, 2016*
Updated monthly

Scopus Compare Sources

Scopus

Search Sources Alerts Lists Help SciVal Nattaphol Sisuruk

Document search

Compare sources >

Documents Authors Affiliations Advanced

Search tips

Search

E.g., "heart attack" AND stress

Article title, Abstract, Keywords

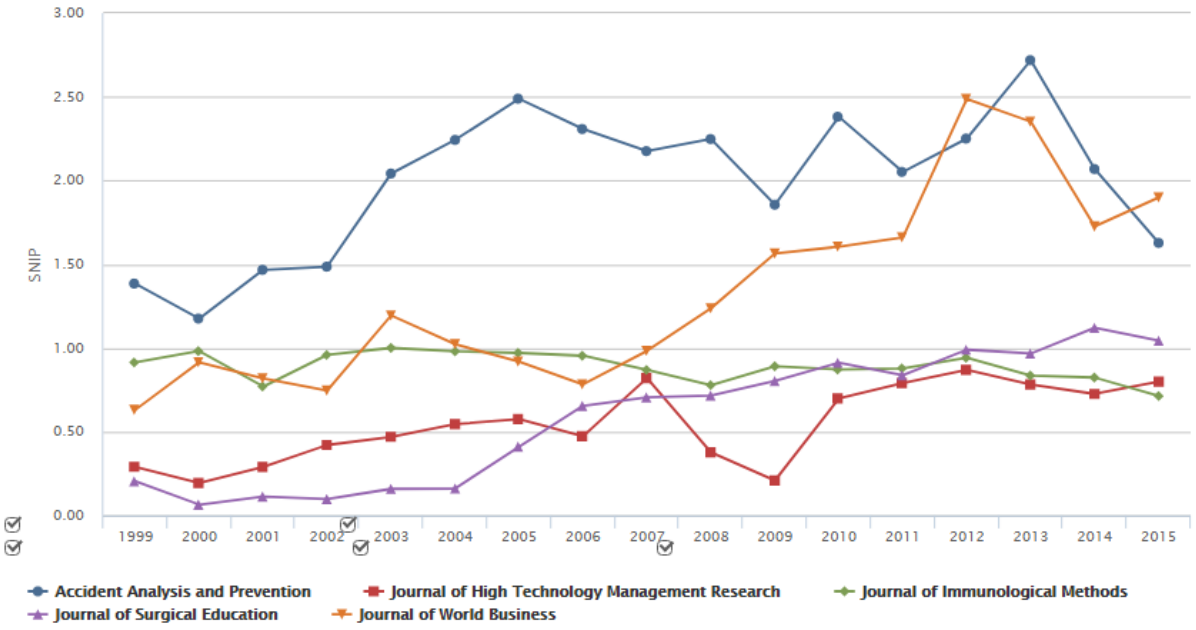
Source	CiteScore
Materials and Design	4.51
Materials Characterization	2.61
Materials Chemistry and Physics	2.32
Materials Discovery	
Materials Letters	2.50
Materials Research Bulletin	2.42
Materials Science & Engineering A: Structura...	3.01
Materials Science and Engineering C	3.13
Materials Science and Engineering: R: Reports	23.97
Materials Science in Semiconductor Process...	2.21
Materials Today	10.26
Materials Today Communications	0.80
Materials Today: Proceedings	
Mathematical Biosciences	1.43
Mathematical Social Sciences	0.44
Mathematics and Computers in Simulation	1.29
Matrix Biology	4.33
Maturitas	3.14
Mayo Clinic Proceedings	3.42
Measurement: Journal of the International Me..	2.18

Chart Table

Calculations last updated: 27 Apr 2016

CiteScore | SJR | **SNIP** | Citations | Documents | % Not cited | % Reviews

Source normalized impact per paper by year



Impact Factor - No.1 Journal in 76 Categories out of 234

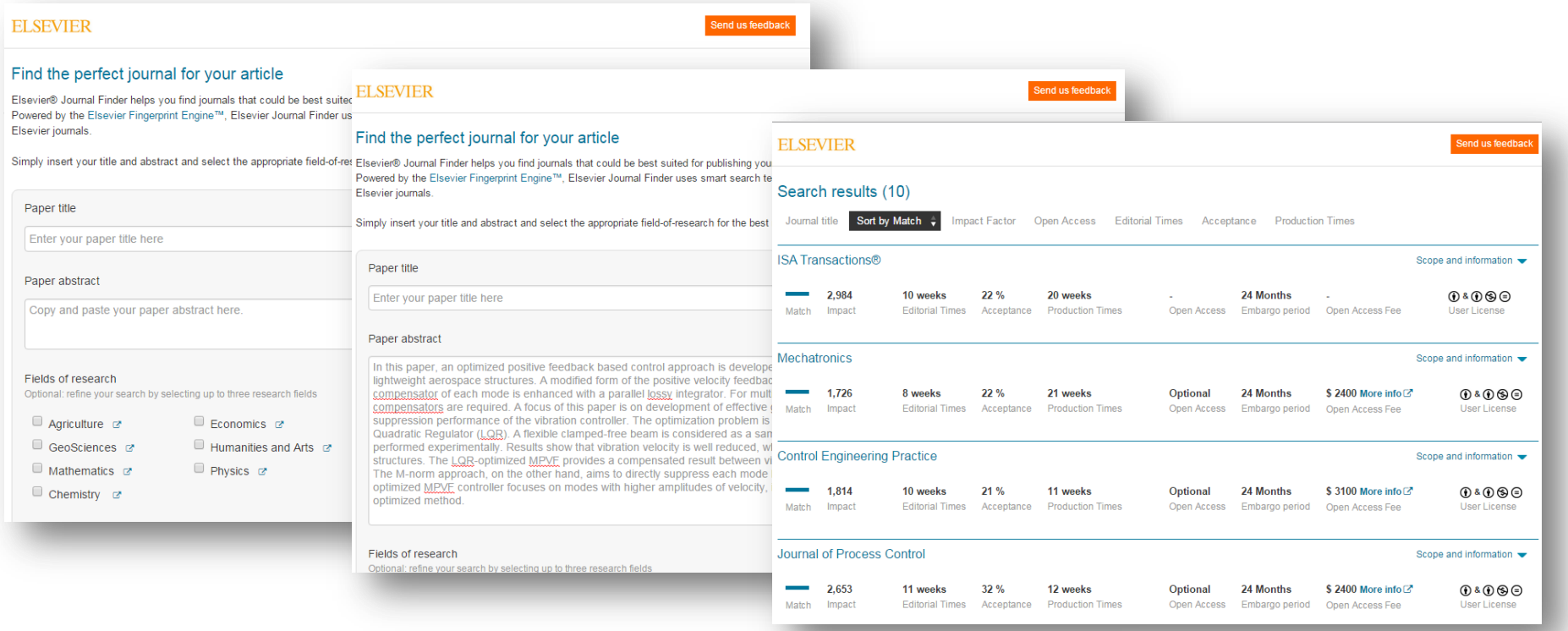
Source: Clarivate Analytics Journal Citation Reports 2016

Elsevier Journals Finder *New*

Find the perfect journal for your article βETA

Elsevier Journal Finder helps is a free resource which allows researchers to find journals that could be best suited for publishing your scientific article.

(http://journalfinder.elsevier.com)



Online Submission

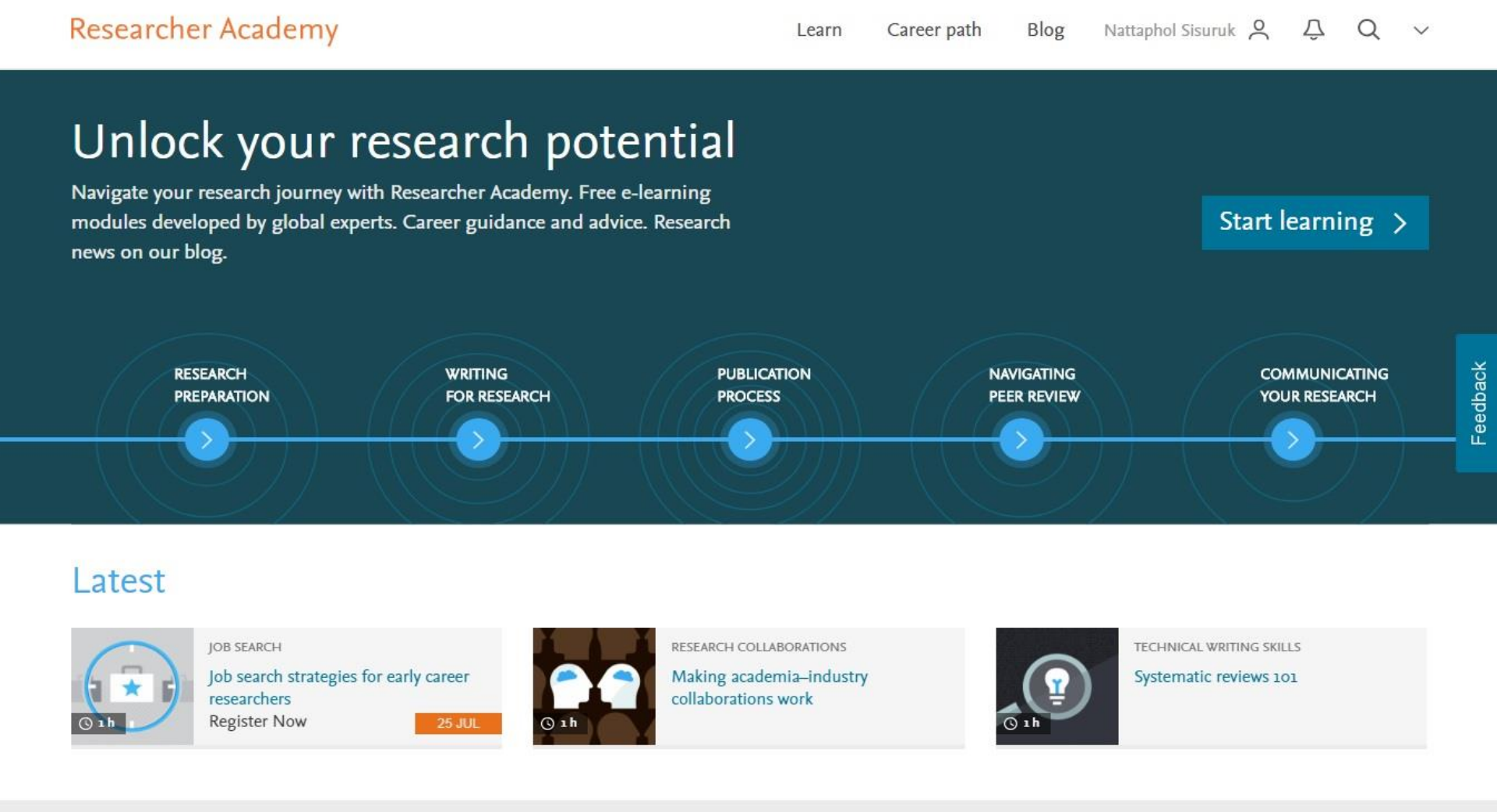
EVISE® is Elsevier's new web-based system to support the editorial process for journals such as submit and check paper status. :

Email: authorsupport@elsevier.com

" track your article "

Research Academy

Researcher Academy provides free access to countless e-learning resources designed to support researchers on every step of their research journey
https://researcheracademy.elsevier.com/



Research Academy : Learning Topic

ELSEVIER Learn

Researcher Academy provides free access to countless e-learning resources designed to support researchers on every step of their research journey. Browse our extensive module catalogue to uncover a world of knowledge, and earn certificates and rewards as you progress.

RESEARCH COLLABORATIONS

Making academia–industry collaborations work

Research cycle | Content library

RESEARCH PREPARATION	WRITING FOR RESEARCH	PUBLICATION PROCESS	NAVIGATING PEER REVIEW	COMMUNICATING YOUR RESEARCH
Funding	Fundamentals of manuscript preparation	Fundamentals of publishing	Fundamentals of peer review	Social impact
Research data management	Writing skills	Finding the right journal	Becoming a peer reviewer	Ensuring visibility
Research collaborations	Technical writing skills	Ethics	Going through peer review	
	Book writing	Open science		
		Publishing in the Chemical Sciences		

Feedback

About Support

Supporting Sites

ELSEVIER

Empowering Knowledge

Stay updated: Scopus Blog & Twitter

ELSEVIER

Important Scopus resources to stay up to date:

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

Elsevier Training Survey

Empowering Knowledge

ELSEVIER

Please Complete Elsevier Training Survey Before You Go !!

WEB LINK OPEN

https://www.surveymonkey.com/s/Thai_Elsevier Customize

Save the Earth & Animals by

SurveyMonkey.com

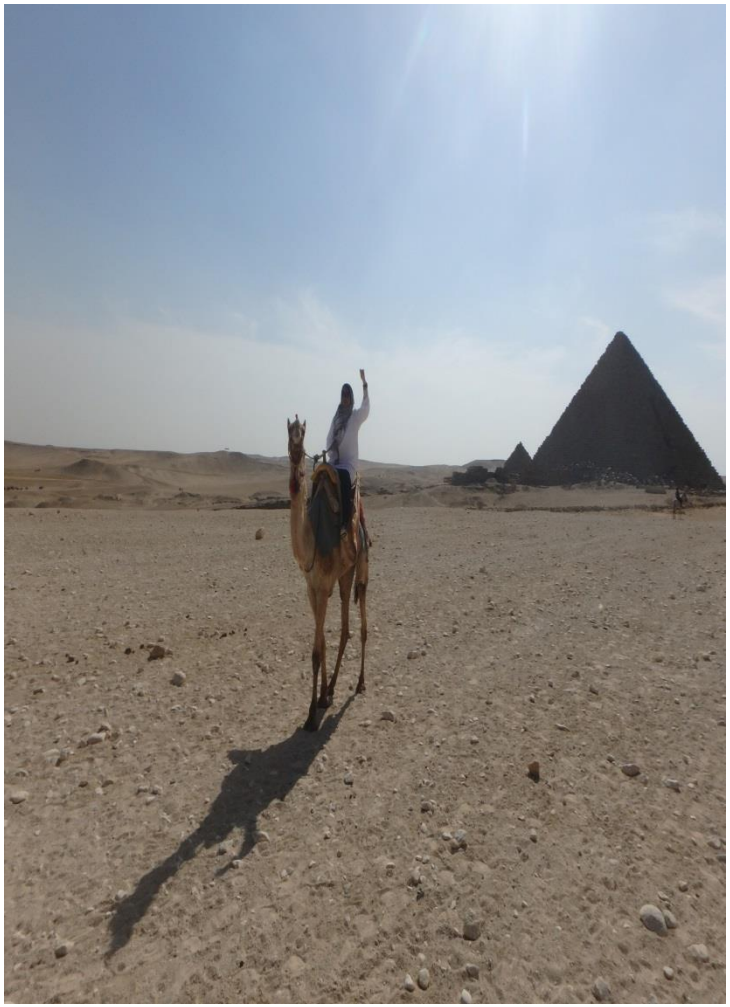
ELSEVIER

THANK YOU

QUESTIONS & ANSWERS

" Find something you love to do and you will never work a day in your life "

...Harvey Mackay...



E-mail : sisuruk@yahoo.com