Empower your Research with Scopus

Data | Curated. Connected. Complete

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Empower your Research with Scopus

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Table of Contents

Using Published Literature

On average, researchers spend just over four hours searching for research articles a week and more than 5 hours reading them. They read 5 – 6 articles per week and only half are considered useful
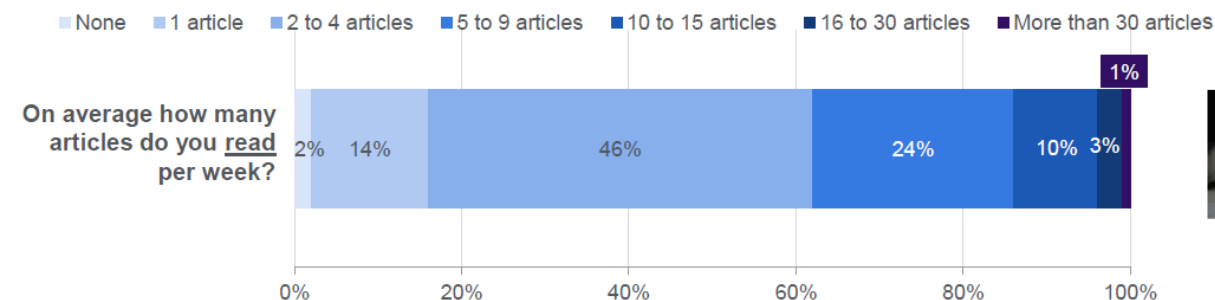
Legend: Less than an hour | 1 to 2 hours | 3 to 5 hours | 6 to 10 hours | 11 to 15 hours | More than 15 hours

On average how much time do you spend searching for research articles per week?
16% | 35% | 28% | 12% | 3% | 6%

On average how much time do you spend reading research articles per week?
7% | 28% | 34% | 17% | 8% | 7%
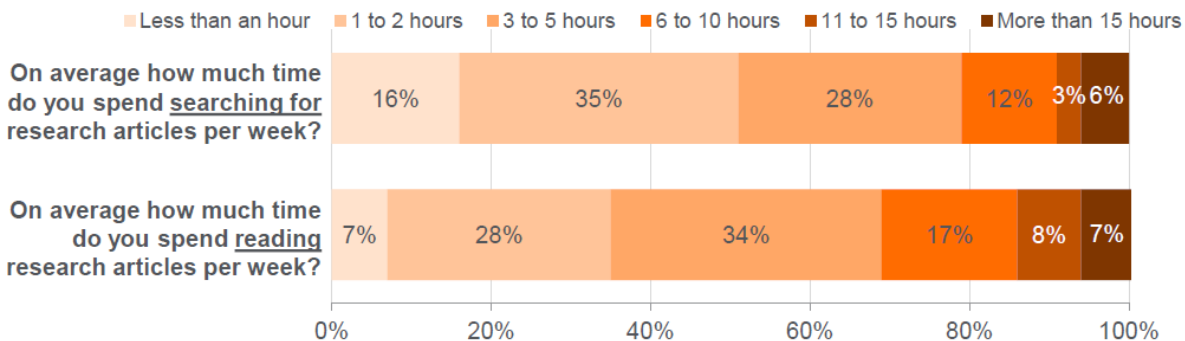
	2019 Average (mean)	2011 Average (mean)
SEARCHING	4 hours and 8 minutes	3 hours and 42 minutes
READING	5 hours and 18 minutes	5 hours and 36 minutes

Legend: None | 1 article | 2 to 4 articles | 5 to 9 articles | 10 to 15 articles | 16 to 30 articles | More than 30 articles

On average how many articles do you read per week?
2% | 14% | 46% | 24% | 10% | 3% | 1%

READING 5.4 articles per week — READING 6 articles per week

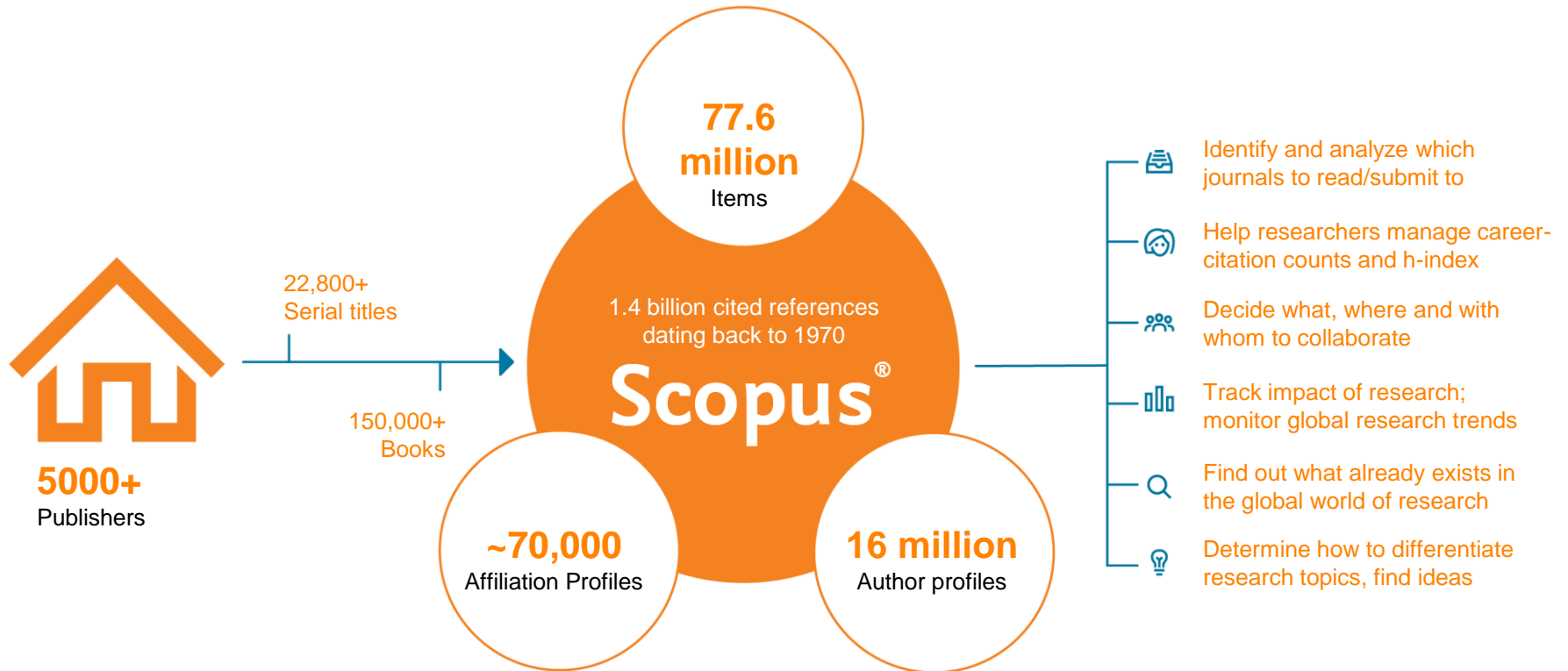Approximately what percentage of the research articles you read per week do you find useful?
51%
50% in 2016
56% in 2013

* 'Articles downloaded' in 2013 and 2014

Base: 2016 n= 1691; 2014 n=2344; 2013 n=3001

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.

77.6 million
Items

1.4 billion cited references dating back to 1970

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Determine how to differentiate research topics, find ideas

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Scopus is the largest abstract and citation database of peer-reviewed scholarly literature, making it a highly recommended resource for discovering the world of research

Expert curation

There are 104,586* active scholarly titles

> Of which 47,519* are peer-reviewed
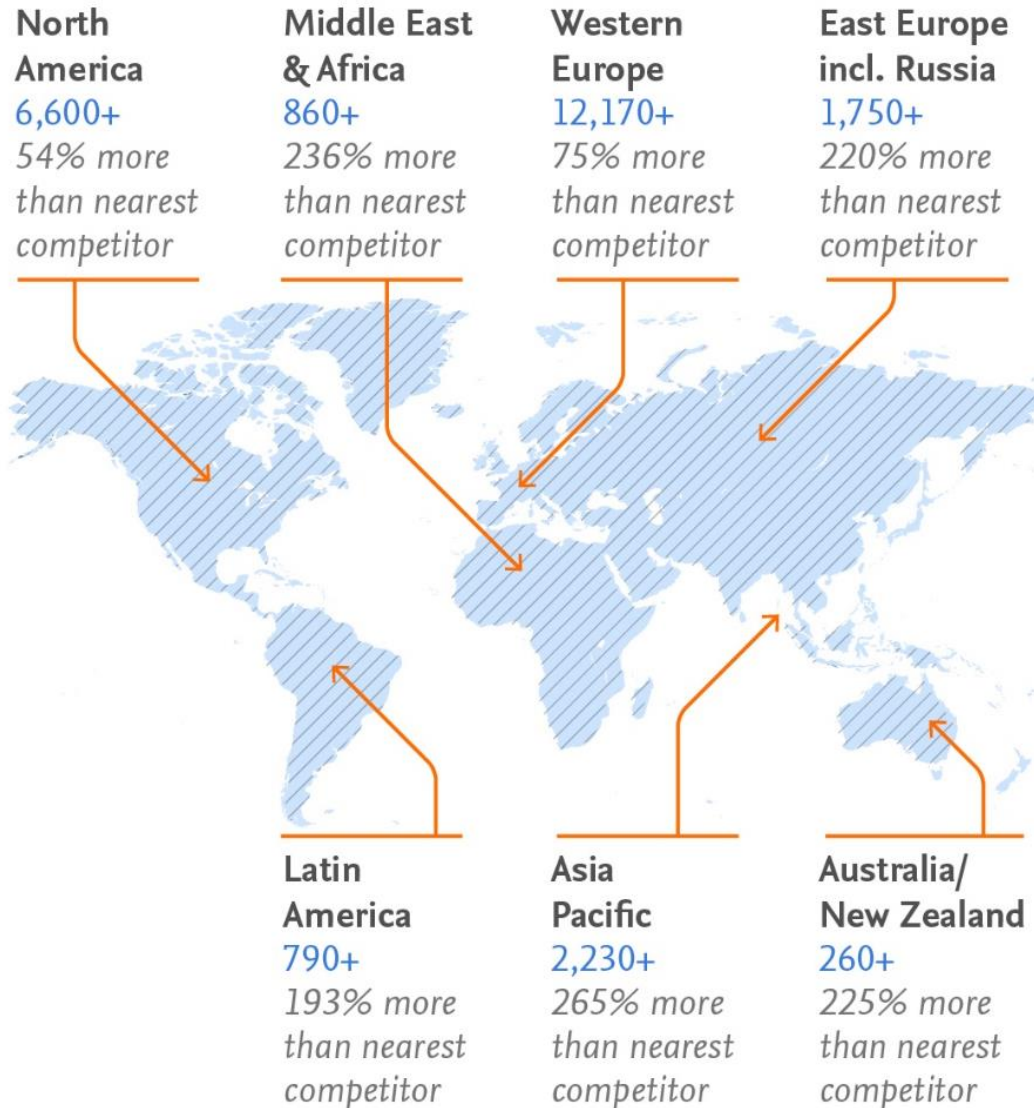
> **Scopus** indexes 24,600+

> Curated content

> Titles on Scopus are rigorously reviewed and selected by an independent board of subject matter experts to include 52% of the world's peer-reviewed scholarly literature.

* Source: Ulrich's Web Global Serials Directory, February 15, 2019

Global Representation means global discovery

Global Representation
(number of active titles)

North America
6,600+
54% more than nearest competitor

Middle East & Africa
860+
236% more than nearest competitor

Western Europe
12,170+
75% more than nearest competitor

East Europe incl. Russia
1,750+
220% more than nearest competitor

Latin America
790+
193% more than nearest competitor

Asia Pacific
2,230+
265% more than nearest competitor

Australia/ New Zealand
260+
225% more than nearest competitor

What content is in Scopus?

Global Representation means global discovery
Across all subjects and content types

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

- 77.6M records from 24K serials, 119K+ conferences and 217K books
- 40 different languages covered
- Updated daily – approximately 10,000 articles indexed per day
- Multiple regional content types covered (journals, conferences, books, book series)
- 9.19M Open Access documents
- 5,527 active Gold Open Access Journals indexed

Number of Journals by subject area*

	Journals	Conference	Books
Physical Sciences 7,441	**24,039**** Peer-reviewed journals	**119K** Conference events	**852** Book series
	294 Trade journals	**9.87M** Conference papers	**38K** Volumes
Health Sciences 7,133	**5,527** Active Gold Open Access journals	Mainly Engineering and Computer Sciences	**1.5M** Items
Social Sciences 8,698	**>8,000** Articles in Press		**217K** Stand-alone books
	Full metadata, abstracts and cited references		**1.78M** Items
Life Sciences 4,601			Focus on Social Sciences and A&H

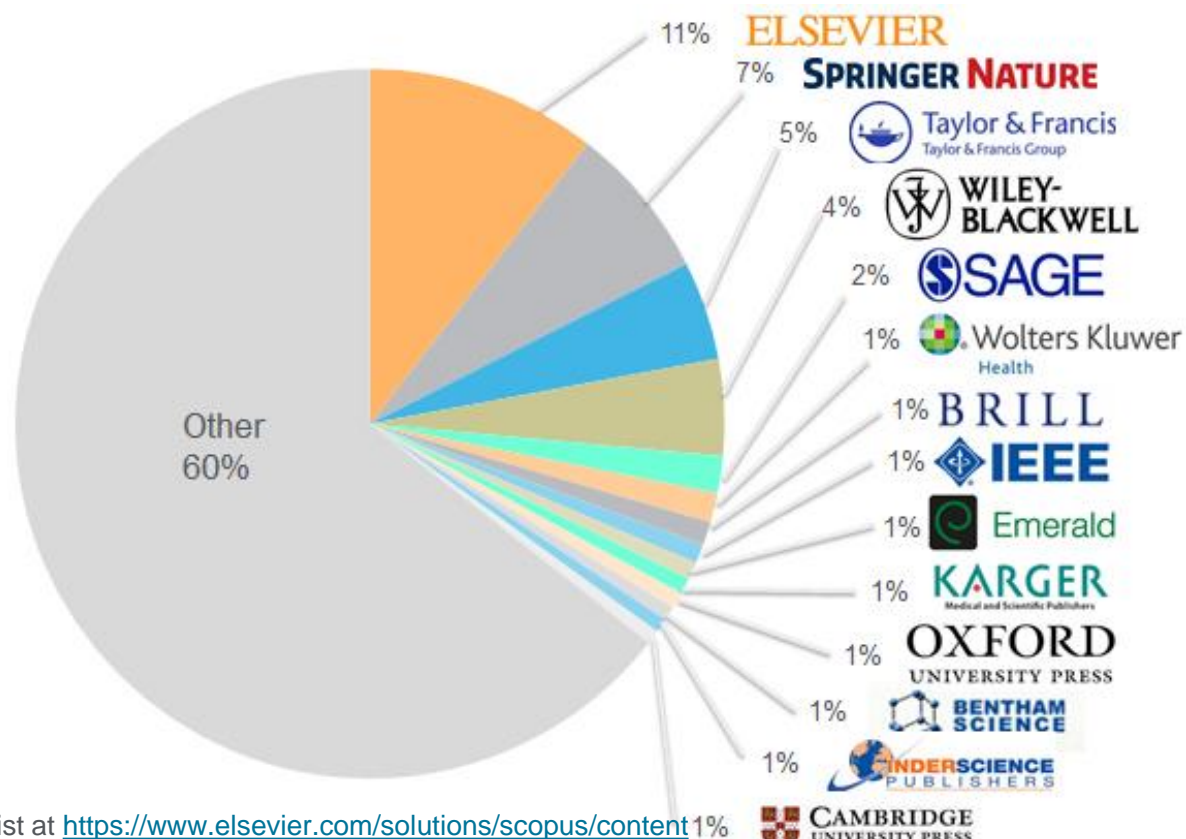*Journals may be classified in multiple subject areas: this count includes current actively indexed titles only
**Total number of Scopus journals in database including inactive titles is 39,743

Scopus

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>75M records and over **23,500** active titles from more than **5K** international publishers. More than **3,759** Gold Open Access journals indexed, **165K** books and **8,3M** conference proceedings*

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- 2% SAGE
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- 1% BRILL
- 1% IEEE
- 1% Emerald
- 1% KARGER — Medical and Scientific Publishers
- 1% OXFORD UNIVERSITY PRESS
- 1% BENTHAM SCIENCE
- 1% INDERSCIENCE PUBLISHERS
- 1% CAMBRIDGE UNIVERSITY PRESS

Other 60%

Source: Feb 2018 title list at https://www.elsevier.com/solutions/scopus/content

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STINT

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ISTIC

IISER

TCI-Thailand

Peking University

NRF-Korea

Keio University

Nanyang Technologica University

European Commission & ERC

FCT Portugal

Danish BFI

Italy ANVUR

Germany IFQ

Kiel University

Nigerian Government

Gazi University

Rankings organizations

World university rankings – QS

University Rankings use a combination of expert opinion (surveys) and objective data (including from Scopus)

QS World University Rankings – http://www.topuniversities.com/university-rankings/world-university-rankings
Published since 2004 by Quacquarelli Symonds
Formerly (until 2009) produced with Times Higher Education as *THE-QS World University Rankings*
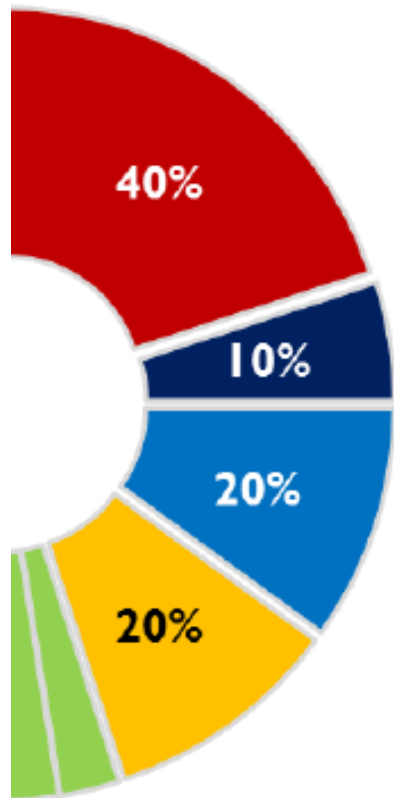
Academic reputation (40%)
From QS Global Academic Survey with almost 63,700 responses for 2014/15

Employer reputation (10%)
From QS Global Employer Survey with 28,800 responses for 2014/15

Citations per faculty (20%)
Citation counts from last five years considered
Citation data source: Scopus
Author self-citations excluded
Normalised by staff FTE figures

Publication and citation data from Scopus is used

Scopus

Faculty/student ratio (20%)
FTE values used for faculty and students

International students (5%)
Proportion of students that are international
International faculty (5%)
Proportion of faculty that are international

40%
10%
20%
20%

https://www.topuniversities.com/qs-world-university-rankings/methodology

World university rankings – THE

University Rankings use a combination of expert opinion (surveys) and objective data (including from Scopus)

THE

THE World University Rankings – http://www.timeshighereducation.co.uk/world-university-rankings/
Published since 2010 by the Times Higher Education
Broke away from the QS-partnered rankings prior to 2010 edition

15%

18%

30%
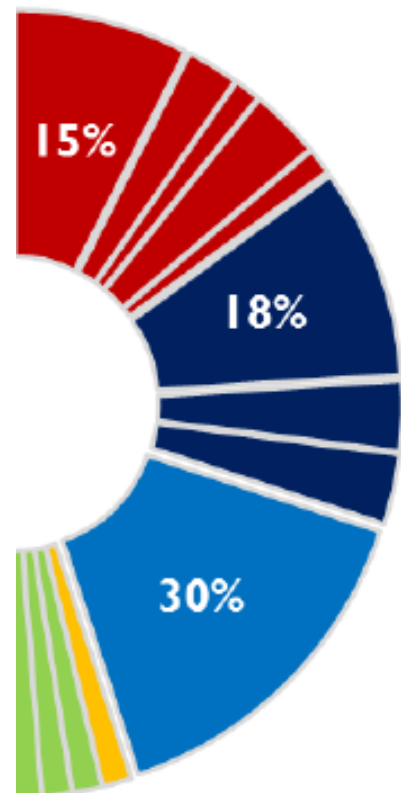
Teaching: the learning environment **(30%)**
Academic reputation survey: reputation for teaching (15%)
Staff to student ratio (4.5%)
Ratio of doctoral to bachelor's degrees awarded (2.25%)
(Field-weighted) number of doctorates awarded per staff FTE (6%)
Institutional income per staff FTE (2.25)

Research: volume, income and reputation **(30%)**
Academic reputation survey: reputation for research excellence (18%)
(Field-weighted) research income per staff FTE (6%)
(Field-weighted) research output per staff FTE (6%)

Publication and citation data from Scopus is used

Citations: research influence **(30%)**
(Field-weighted) citations in 2006-11 to papers published 2006-10

Scopus

Industry income: innovation **(2.5%)**
Income from industry per staff FTE

International outlook: staff, students and research **(7.5%)**
Ratio of international to domestic students (2.5%)
Ratio of international to domestic staff (2.5%)
(Field-weighted) proportion of research papers with international co-authors (2.5%)

Transparent Scopus selection criteria for serial content

<u>All</u> titles should meet <u>all</u> minimum criteria in order to be considered for Scopus review:

Peer-review	English abstracts	Regular publication	Roman script references	Pub. ethics statement

Eligible titles are reviewed by the Content Selection & Advisory Board according to a combination of 14 quantitative and qualitative selection criteria:

Journal Policy	Quality of Content	Journal Standing	Regularity	Online Availability
• Convincing editorial concept/policy • Type of peer-review • Diversity geographic distribution of editors • Diversity geographic distribution of authors	• Academic contribution to the field • Clarity of abstracts • Quality and conformity with stated aims & scope • Readability of articles	• Citedness of journal articles in Scopus • Editor standing	• No delay in publication schedule	• Content available online • English-language journal home page • Quality of home page

Continuous, online title review process for selecting new journals for Scopus coverage
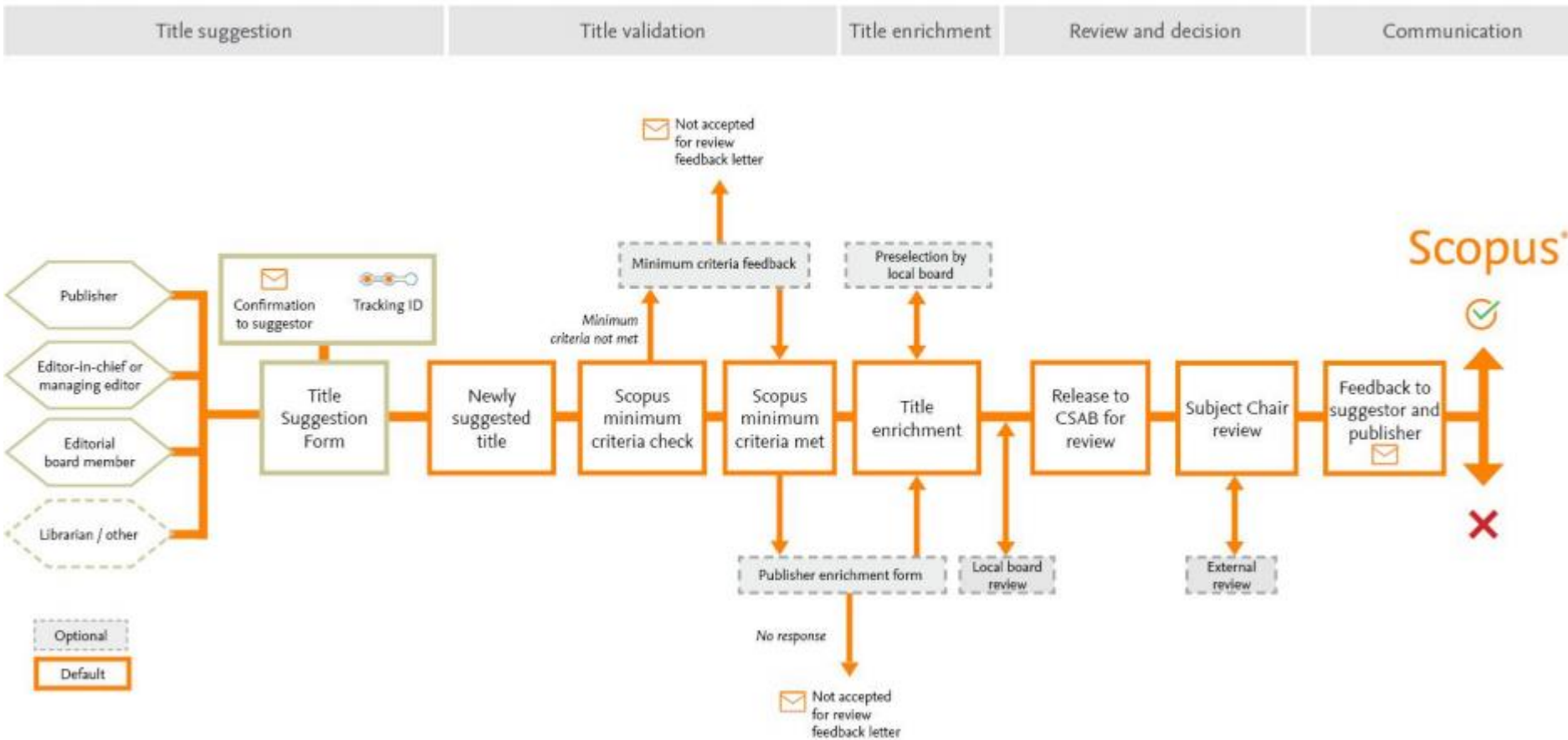
Objective, High-quality Resources

*All titles on **Scopus** are selected by the independent Content Selection & Advisory Board, which is strict about quality and publishing ethics. Furthermore, we are transparent about our selection policy, criteria and title evaluation process: https://www.elsevier.com/solutions/scopus/content/content-policy-and-selection*

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Searching Scopus - Demonstration

Use Cases

- Exploring literature

- Identifying potential collaborators

- Assessing the quality or 'impact' of a paper

- Analyzing journals for reading or to target publication

- Your Scopus author profile

- Any other topics you want to nominate

Exploring Literature

Scopus

Search   Sources   Lists   SciVal ↗   Library catalogue ↗

Document search

Compare sources ›

Documents   Authors   Affiliations   Advanced

Search Functions

Search tips ⓘ

Sources & Metrics

Search

Article title, Abstract, Keywords

E.g., "Cognitive architectures" AND robots

› Limit

Refine Search Parameters

Reset form   Search

Help improve Scopus

Scopus

Search Sources Alerts Lists Help ⌄ SciVal ↗ Nicholas Pak ⌄ ☰

Advanced search

Compare sources

Documents Authors Affiliations **Advanced**

Search tips ⑦

Enter query string

((Title-ABS-Key(adult* OR "young adult*" OR "middle*age*" OR inactiv* OR sedentary)) AND ((TITLE-ABS-KEY(exerc* OR "physical exercise*" OR aerobic* OR intermittent OR accumulat* OR interval* OR "short bout*" OR "multiple bout*")) OR (TITLE-ABS-KEY(continu* OR "long bout*" OR "single bout*")))) AND (TITLE-ABS-KEY(glucose OR "glucose intoleran*" OR "blood glucose" OR *insulin* OR "insulin sensitivity" OR "insulin resistan*" OR *glyc*mi*))

ALL("heart attack") AND AUTHOR-NAME(smith)
*TITLE-ABS-KEY(*somatic complaint wom?n) AND PUBYEAR AFT 1993*
*SRCTITLE(*field ornith*) AND VOLUME(75) AND ISSUE(1) AND PAGES(53-66)*

Outline query Add Author name / Affiliation Clear form **Search Q**

Operators

AND	+
OR	+
AND NOT	+
PRE/	+
W/	+

Outline query breaks lines at logical points which helps structure the search and identify errors

Operators and field codes can be selected here, or typed into the box

Field codes ⓘ

ABS	+
AF-ID	+
AFFIL	+
AFFILCITY	+
AFFILCOUNTRY	+
AFFILORG	+
ALL	+
ARTNUM	+
AU-ID	+
AUTH	+

Advanced search box allows combining of many codes, using operators – which allows for complex searches

Advanced Search Field Codes – 64!!

Operators

AND	+
OR	+
AND NOT	+
PRE/	+
W/	+

Field codes ⓘ

ABS	+
AF-ID	+
AFFIL	+
AFFILCITY	+
AFFILCOUNTRY	+
AFFILORG	+
ALL	+
ARTNUM	+
AU-ID	+
AUTH	+

Operators and field codes can be added by typing it in the query field, clicking on the "+" icon or by clicking on the "add" button in the example pop out.

ALL	CONFNAME	MANUFACTURER
ABS	CONFSPONSORS	ORCID
AF-ID	DOCTYPE (XX)	PAGEFIRST
AFFIL	DOI	PAGELAST
AFFILCITY	EDFIRST	PAGES
AFFILCOUNTRY	EDITOR	PMID
AFFILORG	EDLASTNAME	PUBDATETXT
ARTNUM	EISSN	PUBYEAR
AU-ID	EXACTSRCTITLE	REF
AUTH	FUND-ALL	SEQBANK
AUTHFIRST	FIRSTAUTH	SEQNUMBER
AUTHLASTNAME	FUND-SPONSOR	SRCTITLE
AUTHCOLLAB	FUND-ACR	SRCTYPE (XX)
AUTHKEY	FUND-NO	SUBJAREA(XX)
BOOKPUB	INDEX	TITLE
CASREGNUMBER	INDEXTERMS	TITLE-ABS
CHEM	ISBN	TITLE-ABS-KEY
CHEMNAME	ISSN	TITLE-ABS-KEY-AUTH
CODEN	ISSNP	TRADENAME
CONF	ISSUE	VOLUME
CONFLOC	KEY	WEBSITE
	LANGUAGE	

Advanced search strings can be used in Document Search tab.

Document search

Documents	Authors	Affiliations	Advanced

Search
"Particle Interactions" AND "Collisions" AND NOT "Theoretical"   ✕   Article title, Abstract, Keywords   ∨   ＋

E.g., "heart attack" AND stress

775 document results

View secondary documents   View 861 patent results   Search your library

TITLE-ABS-KEY ("Particle Interactions" AND "Collisions" AND NOT "Theoretical")

✎ Edit   💾 Save   🔔 Set alert   📶 Set feed

Search within results... 🔍

Refine results

Limit to   Exclude

▥ Analyze search results   Show all abstracts   Sort on: Date (newest) ∨

☐ All ∨   CSV export ∨   Download   View citation overview   View Cited by   Save to list   •••   🖨 ✉ 📄

	Document title	Authors	Year	Source	Cited by
☐ 1	The role of inter-particle collisions on elbow erosion	Duarte, C.A.R., de Souza, F.J., Salvo, R.D.V., dos Santos, V.F.	2017	International Journal of Multiphase Flow 89, pp. 1-22	0

View abstract ∨   **Full Text**   View at Publisher   Related documents

Year ⌃

☐ 2017   (10) ⟩

☐ 2016   (43) ⟩

☐ 2015   (39) ⟩

Search Functionality

- **Choosing Search Terms**
  - Use specific search terms that are closely related to your research topic
  - Include alternative words and abbreviations
  - Avoid words that are too general

- **Use Boolean Operators**
  - AND
    - Finds documents that contain ALL of the terms
    - Use this when the terms must appear and may be far apart from each other
    - Example: "Programmable Logic Controller AND Elevator"
  - OR
    - Finds documents that contain any of the terms
    - Use OR when at least one of the terms must appear (such as synonyms, alternate spellings, or abbreviations)
    - Example: micromouse OR picomouse
  - AND NOT
    - Excludes documents that include the specified term from the search
    - Use AND NOT to exclude specific terms. This connector must be used at the end of a search.
    - Example: micromouse OR picomouse AND NOT rodent

Search Functionality

- **Finding Variations of a Word**
  - To search for an exact phrase, including any stop words, spaces and punctuation, enclose the phrase in braces or inverted commas: {air con} or "air con"
  - Special characters are included in the search
  - Wildcards are searched as characters

- **Finding Phrases**
  - Use wildcard characters to search for variations of a word
  - Question mark (?) replaces a single character anywhere in a word. Use 1 question mark for each character you want to replace
  - Asterisk (*) replaces multiple characters anywhere in a word; it can be used to replace 0 and more characters.

Exercise

- **SARS Coronavirus 2 (SARS-CoV-2)**
  - 526 Document Results – Search for "Novel Coronavirus"
  - 566 Document Results – Search for "Novel Coronavirus", add search field, use the OR Boolean modifier, and include "COVID-19" or "2019-NCOV"

- **Remote Control Automated Fire Ignition System**
  - 2 Document Results – Search for "Fire Ignition System", add search field, use the AND Boolean modifier, and include "Automat*"
  - 113 Document Results – Search for "Ignition System", add search field, use the AND Boolean modifier, and include "Automat*"

- **Smart Controller for Air Conditioning System**
  - 2,121 Document Results – Search for "controller", add search field, use the AND Boolean modifier, and include "air con*"
  - 4 Document Results – Search for "smart controller", add search field, use the AND Boolean modifier, and include "air con*"

Scopus

Documents | Authors | Affiliations | Advanced

Search
"Particle Interactions" ✕ | Article title, Abstract, Keywords ▼ | +

E.g., "heart attack" AND stress

⬇

12,561 document results

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TITLE-ABS-KEY ("Particle Interactions")

✏ Edit | 💾 Save | 🔔 Set alert | 📶 Set feed

Search within results... 🔍

① Refine results

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Year ▼
Author name ▼
Subject area ▼
Document type ▼
Source title ▼
Keyword ▼
Affiliation ▼
Country/territory ▼
Source type ▼
Language ▼

◧ Analyze search results

Show all abstracts | Sort on: Date (newest) ▼ **③**

☐ All ▼ | CSV export ▼ | Download | View citation overview | View Cited by | Save to list | ⋯ | 🖨 ✉ 📄 **②**

	Document title	Authors	Year	Source	Cited by
☐ 1	Synthesis and characterization of nanometric magnetite coated by oleic acid and the surfactant CTAB: Surfactant coated nanometric magnetite/maghemite	Celis, J.A., Olea Mejía, O.F., Cabral-Prieto, A., (...), Baggio Saitovitch, E.M., Alzamora Camarena, M.	2017	Hyperfine Interactions 238(1),43	0

Hide abstract ∧ | **Full Text** | View at Publisher | Related documents

© 2017, Springer International Publishing Switzerland.Nanometric magnetite (nm-Fe3O4) particles were prepared by the reverse co-precipitation synthesis method, obtaining particle sizes that ranged from 4 to 8.5 nm. In their synthesis, the concentration of iron salts of ferric nitrate, Fe(NO3)3·9H2O, and ferrous sulfate, FeSO4·7H2O, were varied relative to the chemical reaction volume and by using different surfactants such as oleic acid (OA) and hexadecyltrimethylammonium bromide (CTAB). The nm-Fe3O4 particles were characterized by transmission electron microscopy (TEM), Mössbauer spectroscopy (MS), magnetic and X-ray diffraction (XRD) measurements. Typical asymmetrical and/or broad lines shapes appeared in all Mössbauer spectra of the as prepared samples suggesting strong magnetic inter-**particle interactions**, reducing these interactions to some extent by gentle mechanical grinding. For the smallest particles, maghemite instead of magnetite was the main preparation product as low temperature Mössbauer and magnetic measurements indicated. For the intermediate and largest particles a mixture of magnetite and maghemite phases were produced as the saturation magnetization values of MS ~ 60 emu/g indicated; these values were measured for most samples, independently of the coating surfactant concentration, and according to the ZFC-FC curves the blocking temperatures were 225K and 275K for the smallest and largest magnetite nanoparticles, respectively. The synthesis method was highly reproducible.

① Refine Search Results

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

③ Sorting Option (Date, Number of Citations, Relevance, First Author, Source Title)

④ Abstract/ Article Record

Author/Article Information

Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Ass...

Volume 506, Issue 3, 1 July 2003, Pages 250-303

GEANT4 - A simulation toolkit (Article)

Agostinelli, S.[ae], Allison, J.[as] ✉, Amako, K.[e], Apostolakis, J.[a], Araujo, H.[aj], Arce, P.[almx], Asai, M.[gai], Axen, D.[u], Banerjee, S.[lbh], Barrand, G.[an], Behner, F.[l], Bellagamba, L.[c], Boudreau, J.[bc], Broglia, L.[ar], Brunengo, A.[c], Burkhardt, H.[a], Chauvie, S.[bibk], Chuma, J.[h], Chytracek, R.[a], Cooperman, G.[ay], Cosmo, G.[a], Degtyarenko, P.[d], Dell'Acqua, A.[ai], Depaola, G.[ty], Dietrich, D.[af], Enami, R.[ab], Feliciello, A.[bi], Ferguson, C.[bg], Fesefeldt, H.[lo], Folger, G.[a], Foppiano, F.[ac], Forti, A.[as], Garelli, S.[ac], Giani, S.[a], Giannitrapani, R.[bn], Gibin, D.[mbb], Gomez Cadenas, J.J.[mbo], Gonzalez, I.[q], Gracia Abril, G.[n], Greeniaus, G.[hpag], Greiner, W.[af], Grichine, V.[f] ▲

⊞ View additional authors

[a] European Organization for Nuclear Research (CERN) Switzerland, United States
[b] European Space Agency (ESA), ESTEC, Netherlands
Istituto Nazionale di Fisica Nucleare (INFN), Italy

⊞ View additional affiliations

Metrics

Abstract

▼ View references (131)

GEANT4 is a toolkit for simulating the passage of particles through matter. It includes a complete range of functionality including tracking, geometry, physics models and hits. The physics processes offered cover a comprehensive range, including electromagnetic, hadronic and optical processes, a large set of long-lived particles, materials and elements, over a wide energy range starting, in some cases, from 250 eV and extending in others to the TeV energy range. It has been designed and constructed to expose the physics models utilised, to handle complex geometries, and to enable its easy adaptation for optimal use in different sets of applications. The toolkit is the result of a worldwide collaboration of physicists and software engineers. It has been created exploiting software engineering and object-oriented technology and implemented in the C++ programming language. It has been used in applications in particle physics, nuclear physics, accelerator design, space engineering and medical physics. © 2003 Elsevier Science B.V. All rights reserved.

Author keywords

Distributed software development; Geometrical modelling; Object-oriented technology; Particle interactions; Simulation; Software engineering

Indexed keywords

Particle interactions

Engineering controlled terms: Computer simulation; High energy physics; Nuclear physics; Object oriented programming; Particle accelerators; Software engineering
Engineering main heading: Nuclear instrumentation

Abstract and Keywords of the articles

Cited Documents

References (131)

☐ All ⊟ CSV export ▾ | 🖨 Print | ✉ E-mail | 📄 Save to PDF | ✍ Create b

View in search results format

☐ Giani, S.
1   (1998) GEANT4: An Object-oriented Toolkit for Simulation in HEP. Cited 21 times.
CERN/LHCC 98-44, GEANT4 Web page
http://cern.ch/geant4

☐ Amako, K.
2   Proceedings of CHEP94
San Francisco, CA, USA, LBL-35822 CONF-940492

Related Documents

Metrics ⑦   View all metrics ≫

10474 ❝❞ Citations in Scopus
          99th Percentile

140.44 ⬈   Field-Weighted Citation Impact

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

Cited by 10474 documents

The design of JLAMT: An aided tool for large-scale complex physical modeling
Ma, Y. , Fu, Y. , Qin, G.M.
(2019) Advances in Intelligent Systems and Computing

Geant4 simulation for commissioning of proton therapy centre
Tan, H.Q. , Phua, J.H. , Tan, L.
(2019) IFMBE Proceedings

Quantifying the spatial and angular distribution of lethal neutrons for treating planning
Yeo, J.J.W. , Tan, H.Q. , Ang, K.W.
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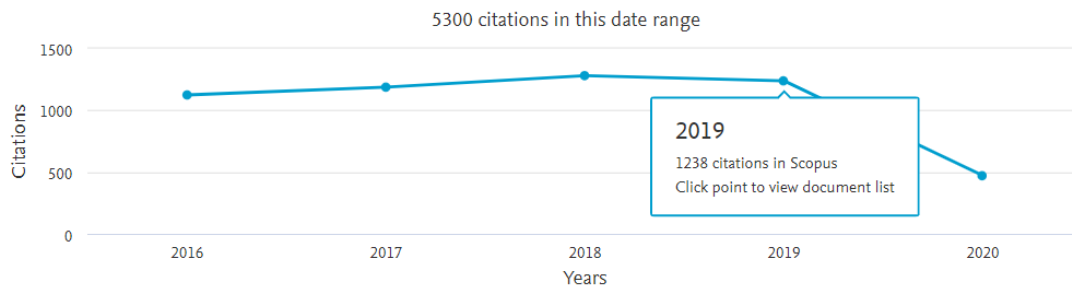Scopus Metrics   About Snowball Metrics ✿

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○ Colloids And Surfaces A Physic...	96
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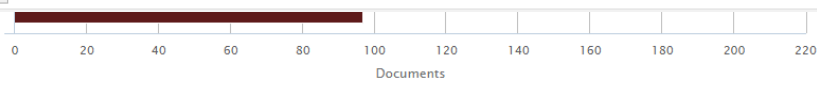
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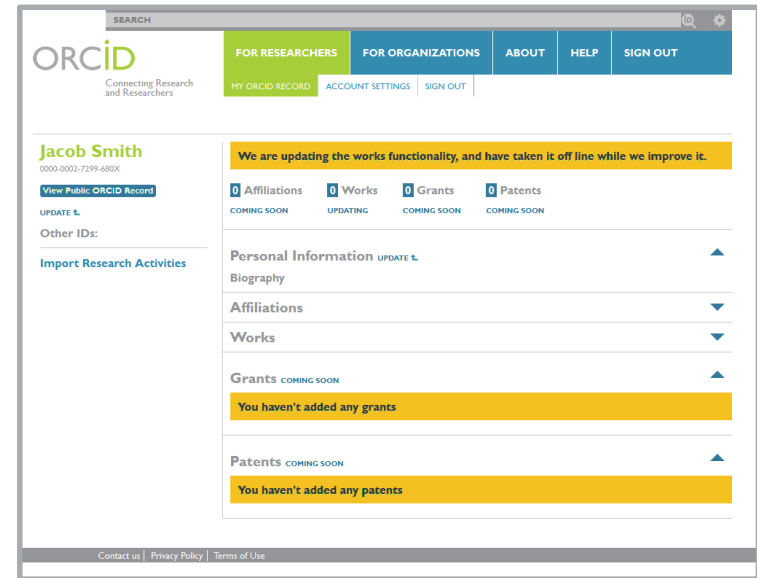
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The rise of graphene

(2007) Nature Materials, 6(3), pp. 183-191

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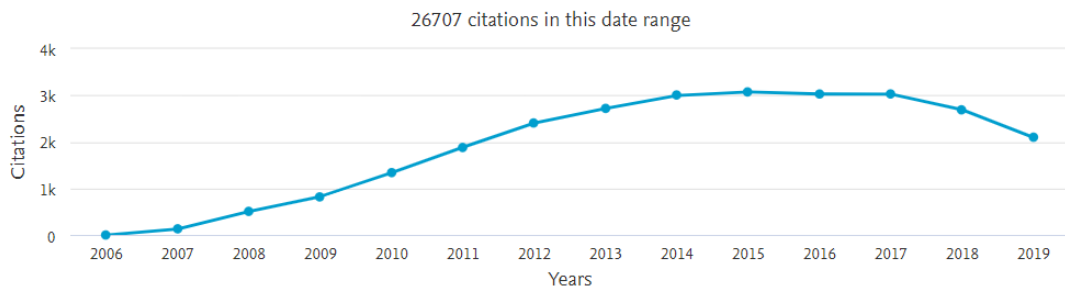
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3 Search Functionality

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Ahmad, H.
University of Malaya, Kuala Lumpur, Malaysia
Author ID:7102866709

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41

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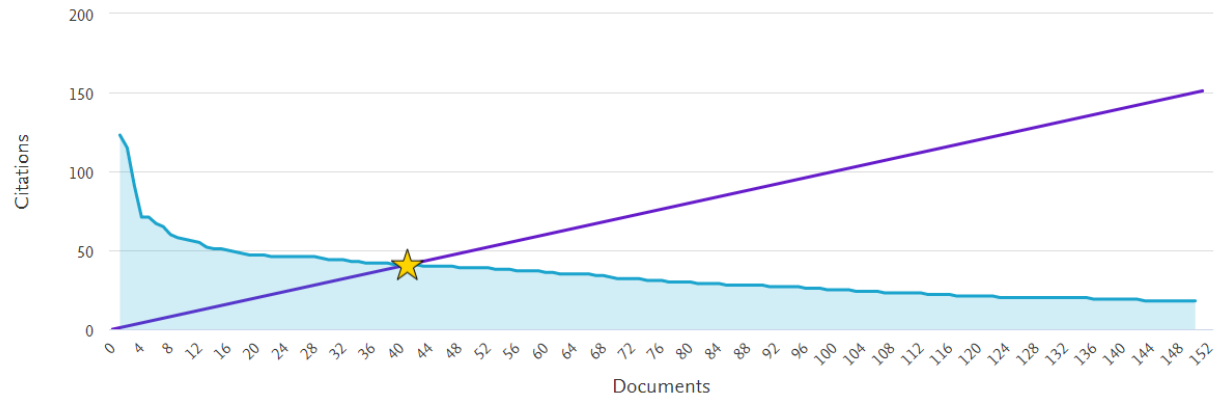
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Environmental Science	792	Psychology	75
Social Sciences	691	Nursing	53
Business, Management and Accounting	679	Pharmacology, Toxicology and Pharmaceutics	29
Chemistry	647	Neuroscience	11
Energy	525	Health Professions	10
Chemical Engineering	491	Immunology and Microbiology	10
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- SJR = SCImago Journal Rank

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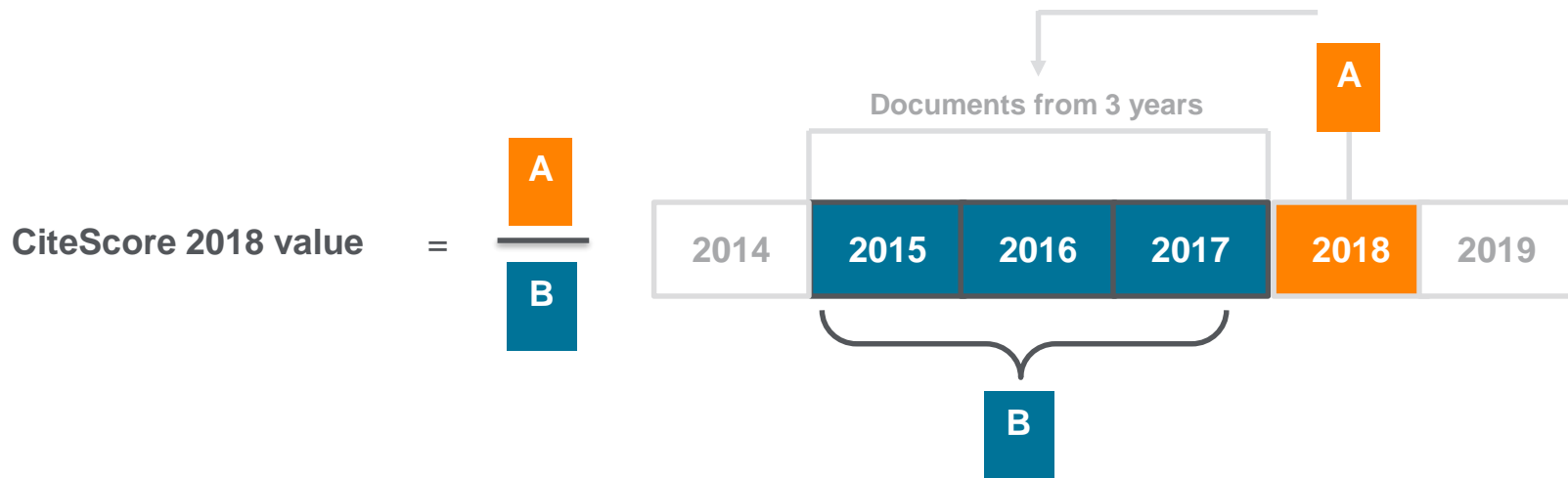
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Sources Browser

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	Rank	Source title	CiteScore 2018	Percentile
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	#3	Annual Review of Medicine	12.98	98th percentile
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	#5	Nature Communications	12.19	97th percentile
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	#8	Annals of the Rheumatic Diseases	9.18	96th percentile
	#9	EMBO Journal	8.28	95th percentile
	#10	Cell Reports	8.04	94th percentile
	#11	Molecular Systems Biology	7.86	94th percentile
	#12	Mass Spectrometry Reviews	7.80	93rd percentile
	#13	PLoS Biology	7.11	93rd percentile
	#14	eLife	6.99	92nd percentile
	#15	Developmental Cell	6.41	92nd percentile

CiteScore trend

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●— Percentile in category

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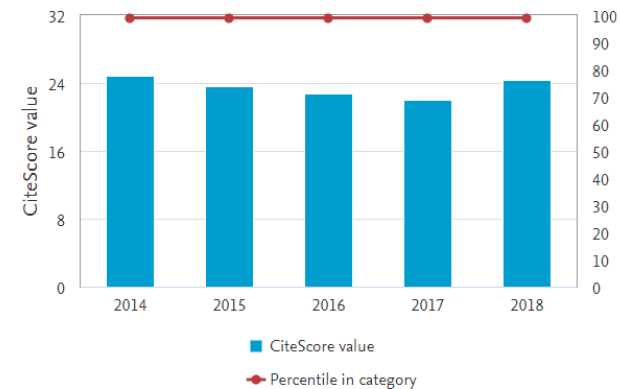
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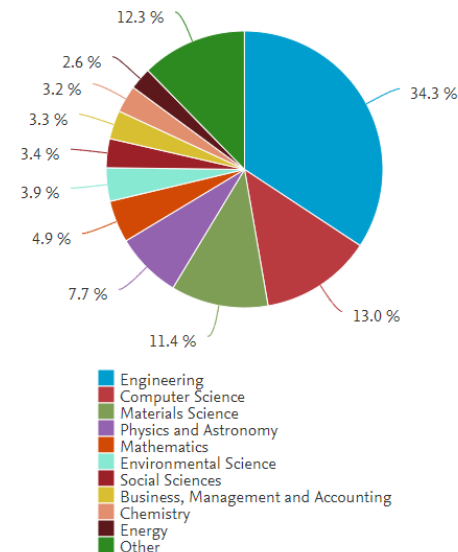
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Mathematics	999	Economics, Econometrics and Finance	137
Environmental Science	792	Psychology	75
Social Sciences	691	Nursing	53
Business, Management and Accounting	679	Pharmacology, Toxicology and Pharmaceutics	29
Chemistry	647	Neuroscience	11
Energy	525	Health Professions	10
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Decision Sciences	376	Undefined	2
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3.2 %
3.3 %
3.4 %
3.9 %
4.9 %
7.7 %
11.4 %
13.0 %
34.3 %

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Year   ⌃

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☐ 2019   (1,814) ›
☐ 2018   (1,517) ›
☐ 2017   (1,878) ›
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	Document title	Authors	Year	Source	Cited by
☐ 1	Epoxy/graphene platelets nanocomposites with two levels of interface strength	Zaman, I., Phan, T.T., Kuan, H.-C., (...), Youssf, O., Ma, J.	2011	Polymer 52(7), pp. 1603-1611	343
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☐ 3	The hydrological performance of a green roof test bed under UK climatic conditions	Stovin, V., Vesuviano, G., Kasmin, H.	2012	Journal of Hydrology 414-415, pp. 148-161	187
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☐ 4	The high value of logged tropical forests: Lessons from northern Borneo	Berry, N.J., Phillips, O.L., Lewis, S.L., (...), Ong, R.C., Hamer, K.C.	2010	Biodiversity and Conservation 19(4), pp. 985-997	186

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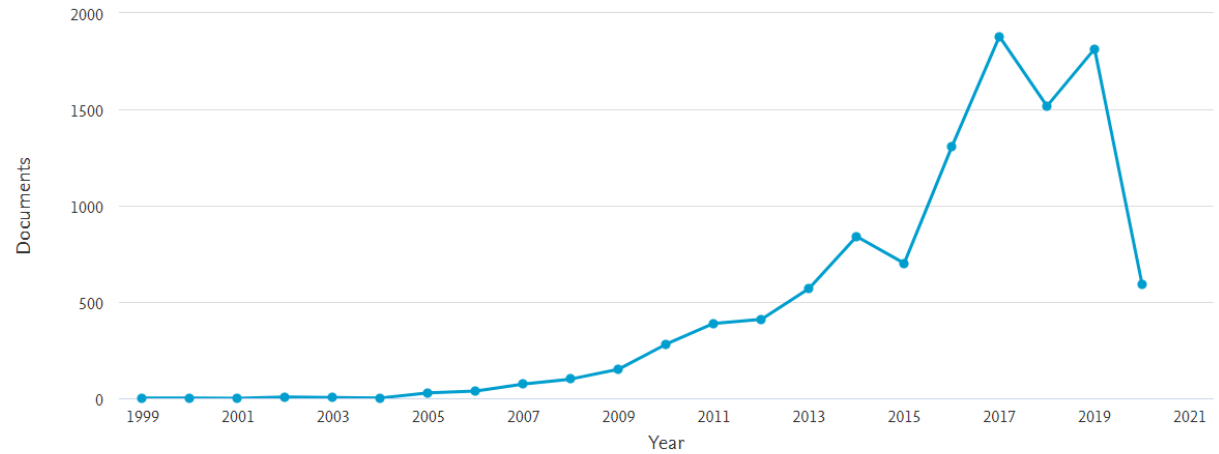## Analyze search results

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2019	1814
2018	1517
2017	1878
2016	1306
2015	701
2014	840
2013	570
2012	410
2011	389

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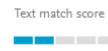
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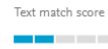
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Discover how Malaysia is becoming a destination for research excellence

Supported by a strong national investment in research, Malaysia is embarking on a path to become a knowledge-based economy. As this report shows, the nation has been highly productive in terms of its number of highly cited publications per spend on research & development.

In fact, Malaysia's publication share is at least **twice** the global average in areas such as Business, Computer Science, Energy, and Finance, with high citation impact in Medicine, Physics & Astronomy, and Veterinary Science. This is accompanied by overall growth in research output and impact, showing Malaysia's increasing presence in the global research landscape..

Key findings in the report show:
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- **Increasing presence in the QS World University Rankings**: the number of Malaysian institutions in the rankings rose from six in the 2016 rankings to 20 in the 2020 rankings.
- **Malaysia as an attractive knowledge and research destination** for international faculty and students, and especially for highly prolific and impactful researchers that come from English-speaking countries on a short-term basis.

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