

Scopus

Training for Universitas Gadjah Mada

Elsevier Indonesia

March 2018

Agenda

1. Introduction
2. Content in Scopus
3. Use cases for researchers
4. Tools & metrics

Introduction

Scopus is the world's largest
abstract and citation database of
peer-reviewed scientific literature

Introducing Scopus

Scopus is the largest abstract and citation database of peer-reviewed research literature from around the world.

Over 22,000 titles from more than 5,000 international publishers and 105 different countries

Over 61 million records, 24 million patents from 5 patent offices worldwide

All content is vigorously vetted by an independent, 15-person, international board of experts called the Content Selection and Advisory Board (CSAB)

More than 3,000 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:

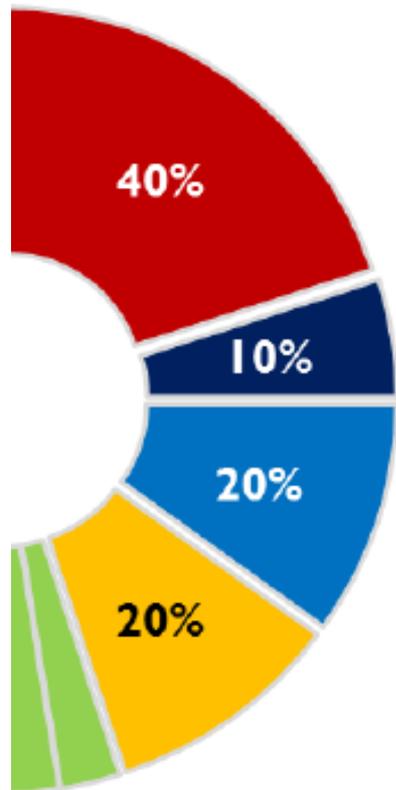


World university rankings – QS

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*



<p>Academic reputation (40%) From QS Global Academic Survey with almost 63,700 responses for 2014/15</p>	<p>Publication and citation data from Scopus is used</p> <p>Scopus</p>
<p>Employer reputation (10%) From QS Global Employer Survey with 28,800 responses for 2014/15</p>	
<p>Citations per faculty (20%) Citation counts from last five years considered Citation data source: Scopus Author self-citations excluded Normalised by staff FTE figures</p>	
<p>Faculty/student ratio (20%) FTE values used for faculty and students</p>	
<p>International students (5%) Proportion of students that are international</p> <p>International faculty (5%) Proportion of faculty that are international</p>	

World university rankings – THE

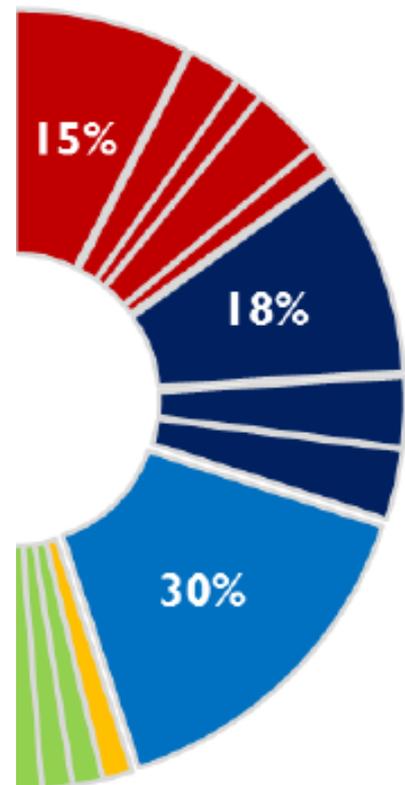
University Rankings use a combination of expert opinion (surveys) and objective data (including from Scopus)

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



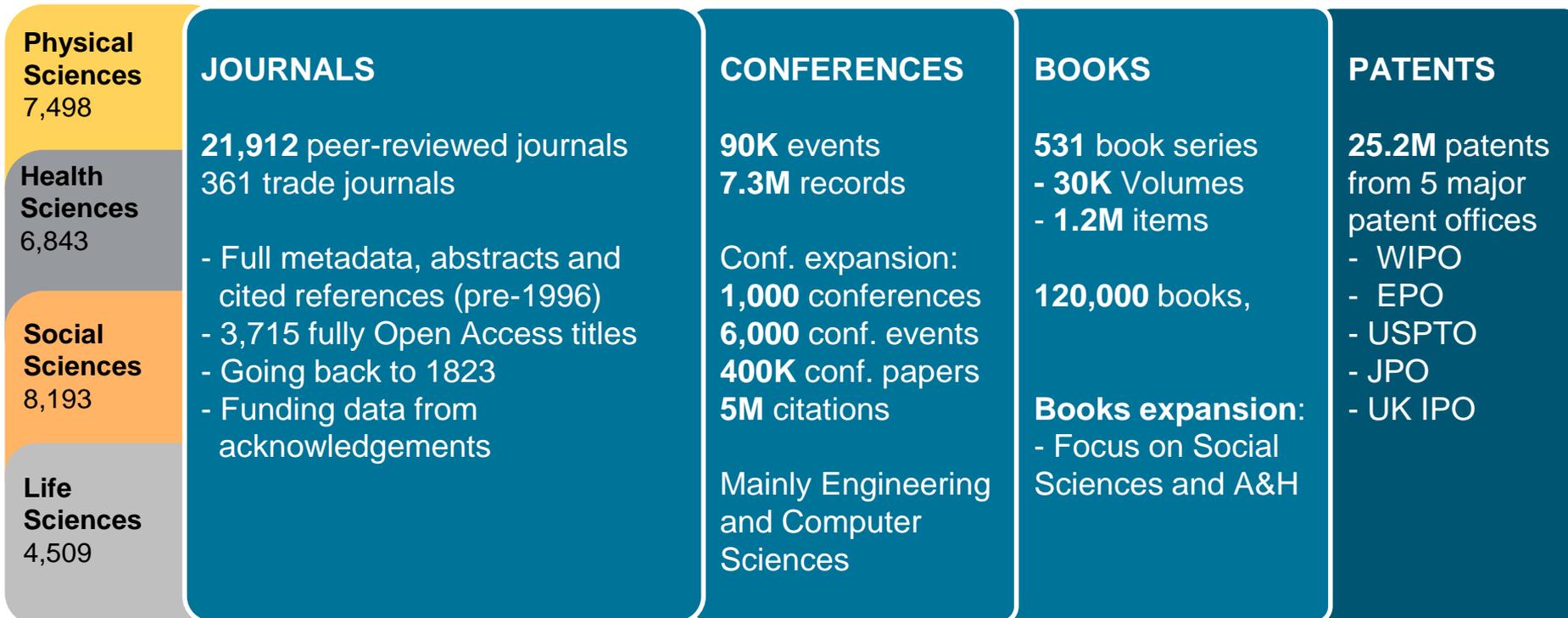
<p>Teaching: the learning environment (30%) Academic reputation survey: reputation for teaching (15%) Staff to student ratio (4.5%) Ratio of doctoral to bachelor's degrees awarded (2.25%) (Field-weighted) number of doctorates awarded per staff FTE (6%) Institutional income per staff FTE (2.25)</p>	<p>Publication and citation data from Scopus is used</p>
<p>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%)</p>	
<p>Citations: research influence (30%) (Field-weighted) citations in 2006-11 to papers published 2006-10</p>	<p>Scopus</p>
<p>Industry income: innovation (2.5%) Income from industry per staff FTE</p>	
<p>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%)</p>	

Content in Scopus

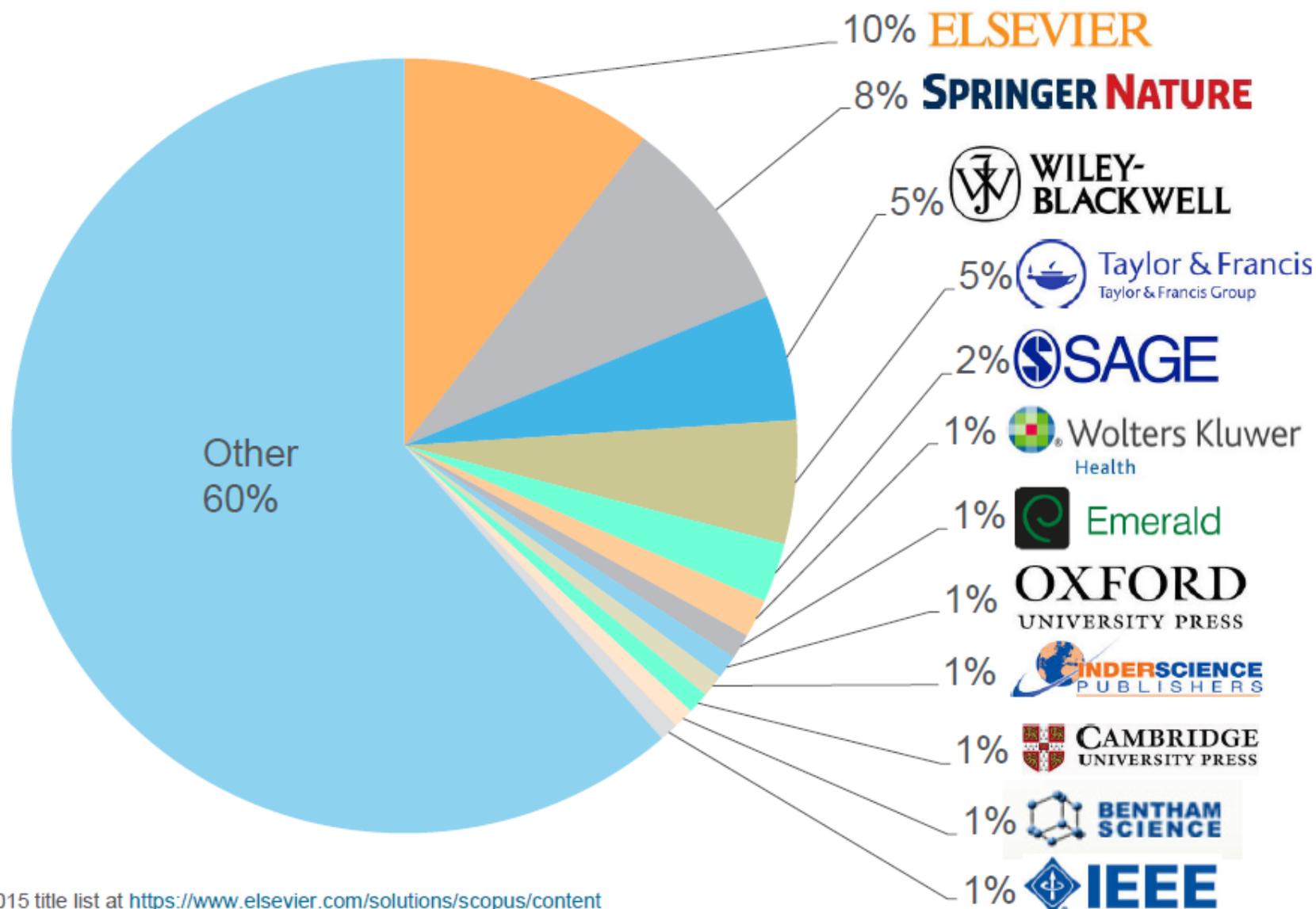
Content Coverage

What content does Scopus include?

- The **largest** abstract and citation database of research information with over **61 million** records.
23M+ records pre-1996, going back as far as 1823 | 38M+ records back to 1996 (84% with references)
- Updated daily
- Content from > 5,000 publishers
- More than 2,800 Gold Open Access journals indexed



Unbiased, comprehensive journal coverage with titles from many reputable scholarly publishers



Comparison with nearest peer

Scopus

~22K titles

>5,000 publishers

Updated daily

Scopus
22,245

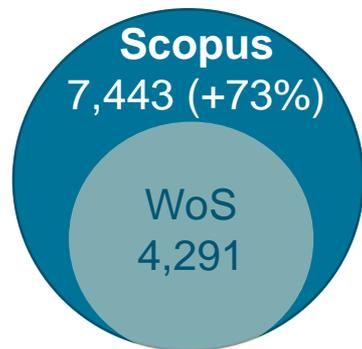
Web of Science
12,140

WEB OF SCIENCE™

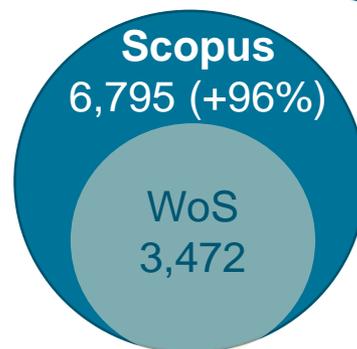
~12K titles (Core Collection)

3,300 publishers

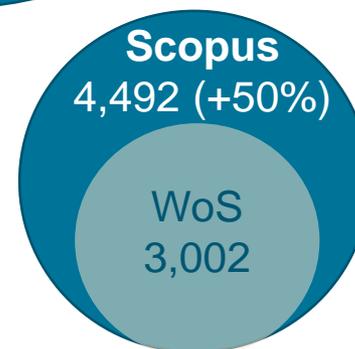
Updated weekly



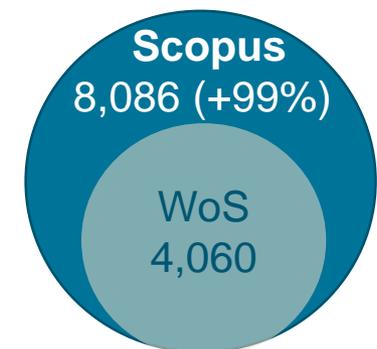
Physical Sciences



Health Sciences



Life Sciences



Social Sciences

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.^a, Gage, D.^a, Harris, K.^a, Heaford, A.^a, Howland, J.^a, Kann, L.^a, Lehoczy, 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

Content Expansion

Ongoing Scopus Expansion Programs at No Extra Costs



Pre-1996 Cited Reference Expansion Program

Cited references going back to 1970, 8M+ articles



Conference Expansion Program

+1,000 new titles, +6,000 events, +400K papers and +5M references



Books Expansion Program

120K books back to 2005. +20K every year

Already in Scopus : Elsevier, Springer, Wiley, Brill, De Gruyter, Woodhead, Karger, Oxford University Press, Edward Elgar, Maney, Intellect, IOS Press, Pan Stanford, University of California Press, Princeton University Press, Edinburgh University Press, Delft University Press, Duke University Press, McGill Queens University Press, Project Muse (60+ UPs), OECD and more...

Indexing funding data in Scopus

Current Opinion in Biotechnology

Volume 28, August 2014, Pages 39-45

Self-assembled two-dimensional protein arrays in bionanotechnology: From S-layers to designed lattices (Review)

Baneyx, F. ✉, Matthaei, J.F. 🧑

Department of Chemical Engineering, University of Washington, Box 351750, Seattle, WA 98195-1750, United States

Abstract

▼ View references (49)

Although the crystalline S-layer arrays that form the exoskeleton of many archaea and bacteria have been studied for decades, a long-awaited crystal structure coupled with a growing understanding of the S-layer assembly process are injecting new excitement in the field. The trend is amplified by computational strategies that allow for in silico design of protein building blocks capable of self-assembling into 2D lattices and other prescribed quaternary structures. We review these and other recent developments toward achieving unparalleled control over the geometry, chemistry and function of protein-based 2D objects from the nanoscale to the mesoscale. © 2013 Elsevier Ltd.

Indexed keywords

Assembly process; Bionanotechnology; Building blocks; Computational strategy; Protein arrays; Quaternary structure; Self-assembled; Self-assembling

Engineering controlled terms: Biotechnology

Engineering main heading: Proteins

EMTREE drug terms: ampholyte; nanomaterial; nanoparticle

EMTREE medical terms: archaeon; bacterium; binding affinity; binding site; computer analysis; computer model; crystal structure; Deinococcus radiodurans; Escherichia coli; exoskeleton; Geobacillus stearothermophilus; geometry; nanoanalysis; nanobiotechnology; nonhuman; physical chemistry; priority journal; process design; process development; protein assembly; protein engineering; protein function; protein microarray; protein quaternary structure; proton transport; review; Sporosarcina ureae; structure activity relation; two dimensional protein array; ultrafiltration

ISSN: 09581689 CODEN: CUOBE Source Type: Journal Original language: English

DOI: 10.1016/j.copbio.2013.11.001 Document Type: Review

Funding Details

Number; Acronym; Sponsor: T32CA138312; ONR; Office of Naval Research
Number; Acronym; Sponsor: BRC-11123566; NIH; **National Institutes of Health**

WHAT FUNDING DATA:

- Full name of the funding body, **acronym** and **grant number** captured from the acknowledgments section of the article.
- Making use of the **FundRef** ontology
- **Forward flow** only, started in July 2013

FUNDREF ONTOLOGY:

- Only funding bodies included in the FundRef ontology are captured
- Around **5,000 funding bodies** originally included in FundRef
- When processing content for Scopus new funding body terms are identified as **candidate terms**
- As of January 2014 around **1,000 new candidate terms** will be added to FundRef each month

In Scopus funding data can be searched using the following fields in Advanced Search:

FUND-SPONSOR | FUND-ACR | FUND-NO

For example, the advanced search term "**FUND-SPONSOR(National Science Foundation)**" will result in all articles that mention the National Science Foundation as the funding body in the acknowledgements.

Content Selection Process

How does Scopus choose content?

All titles should meet all 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
<ul style="list-style-type: none"> • Convincing editorial concept/policy • Type of peer-review • Diversity geographic distribution of editors • Diversity geographic distribution of authors 	<ul style="list-style-type: none"> • Academic contribution to the field • Clarity of abstracts • Quality and conformity with stated aims & scope • Readability of articles 	<ul style="list-style-type: none"> • Citedness of journal articles in Scopus • Editor standing 	<ul style="list-style-type: none"> • No delay in publication schedule 	<ul style="list-style-type: none"> • Content available online • English-language journal home page • Quality of home page

Info: <http://www.elsevier.com/online-tools/scopus/content-overview>

Questions: titlesuggestion@scopus.com

Coverage of High Quality Journals Due to Selection by the Independent Content Selection & Advisory Board (CSAB)



The CSAB is an independent board of subject experts from all over the world.

Board members are chosen for their expertise in specific subject areas; many have (journal) Editor experience.

Summary

- **Scopus Overview**

- Is the largest abstract and citation database of research information with over 61 million records.
- covers journals, conferences, books and patents
- includes content from all major publishers, but importantly also content from many small, and local publishers
- Covers 99.9% of journals in Web of Sciences

- **Content Expansion**

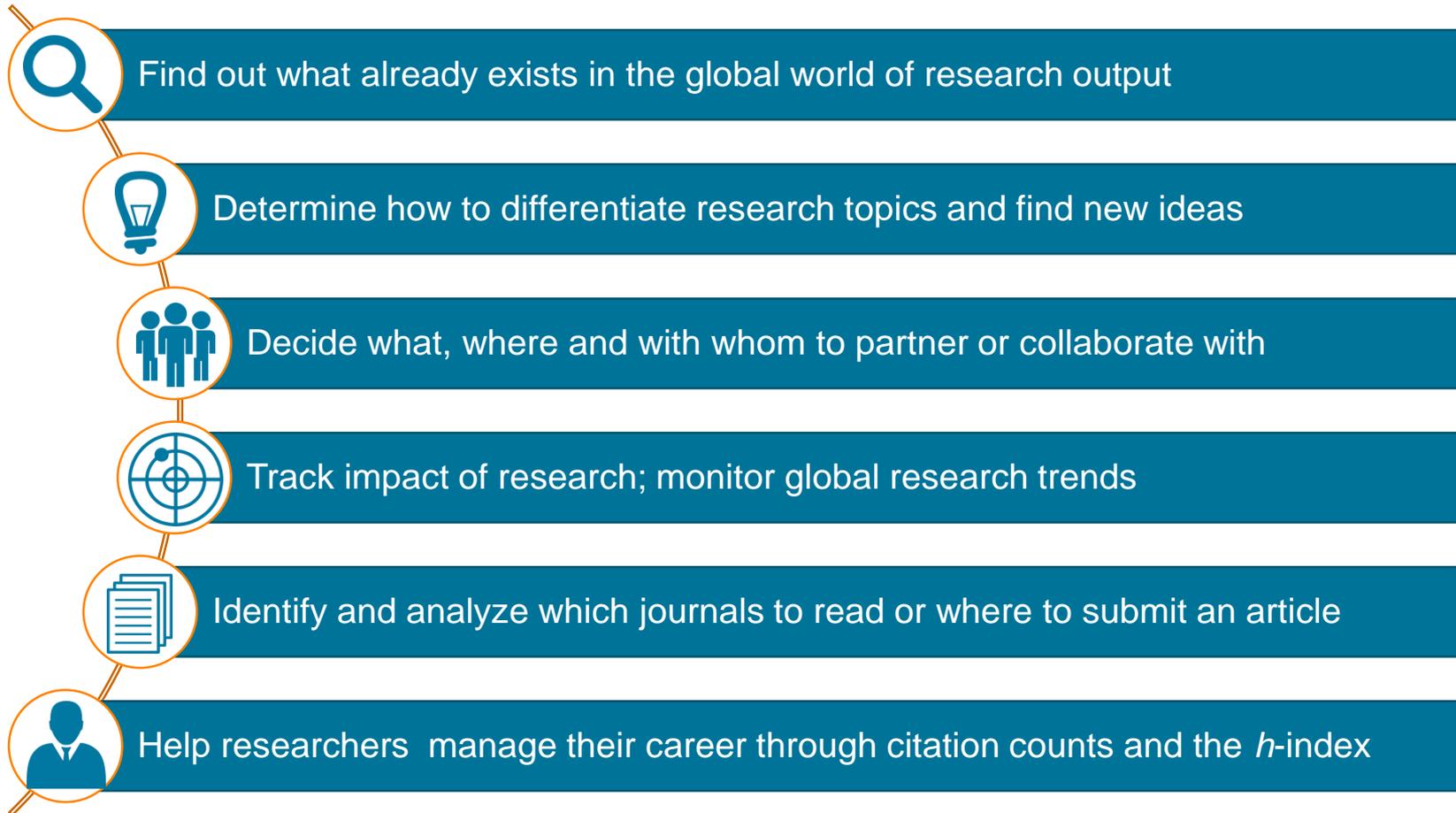
- Pre-1996 Cited Reference Expansion Program
- Conference Expansion Program
- Books Expansion program

- **Content Selection**

- Journals vetted by an independent Content Selection Advisory Board
- Best understand the criteria very well before submitting
- Elsevier provides editor workshops to explain the criteria in more detail

Use Cases for Researchers

Scopus can help researchers & students



Search & Discovery

Scopus

Scopus | SciVal

Search

Alerts

My list

Open Access indicator for journals indexed in Scopus.

Search Functions

Document search | Author search | Affiliation search | Advanced search

Browse Sources | Compare journals

Particle Interactions

Article Title, Abstract, Keywords



+ Add search field

Limit to:

Date Range (inclusive)

Published to
 Added to Scopus in the last days

Document Type

Subject Areas

- Life Sciences (> 4,300 titles . .)
- Health Sciences (> 6,800 titles . 100% Medline coverage)
- Physical Sciences (> 7,200 titles . .)
- Social Sciences & Humanities (> 5,300 titles . .)

Sources & Metrics

Refine Search Parameters

About Scopus

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[Content coverage](#)
[Scopus Blog](#)
[Scopus API](#)

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Scopus Advanced Search

Document search | Author search | Affiliation search | **Advanced search** | [Browse Sources](#) | [Compare journals](#)

[? Search tips](#) | [? Field codes](#)

```
((TITLE-ABS-KEY(adult* OR "young adult*" OR "middle*age*" OR inactiv* OR sedentary)) AND ((TITLE-ABS-KEY(exercis* OR "physical exercis*" OR aerobic* OR intermittent OR accumul* 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 resistanc*" OR *glyc*mi*))
```

Outline query | ✕ Clear form | 🔍 Add Author name / Affiliation

As you type Scopus offers code suggestions. Double click or press "enter" to add to advanced search.

Operators

- AND
- OR
- AND NOT
- PRE/
- W/

Codes

- ABS
- AF-ID
- AFFIL
- AFFILCITY
- AFFILCOUNTRY
- AFFILORG
- ALL

Advanced search examples:

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

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

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

Advanced Search Field Codes – 64!!

Document search | Author search | Affiliation search | **Advanced search**

[Browse Sources](#) [Compare journals](#)

[? Search tips](#)

[? Field codes](#)

Search for...

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 | Author search | Affiliation search | Advanced search [Browse Sources](#) [Compare journals](#)

"practical intelligence" AND "tacit knowledge" Article Title, Abstract, Keywords ?

AND NOT "academic intelligence" Article Title, Abstract, Keywords ×

[+](#) Add search field | [Reset form](#)

(TITLE-ABS-KEY ("practical intelligence" AND "tacit knowledge") AND NOT TITLE-ABS-KEY ("academic intelligence")) [Edit](#) | [Save](#) | [Set alert](#) | [Set feed](#)

21 document results [Analyze search results](#) [View secondary documents](#) | [Search your library](#) |

Search within results...

Text export | Download | View citation overview | View Cited by | Save to list | More...

Refine

[Limit to](#) [Exclude](#)

Year

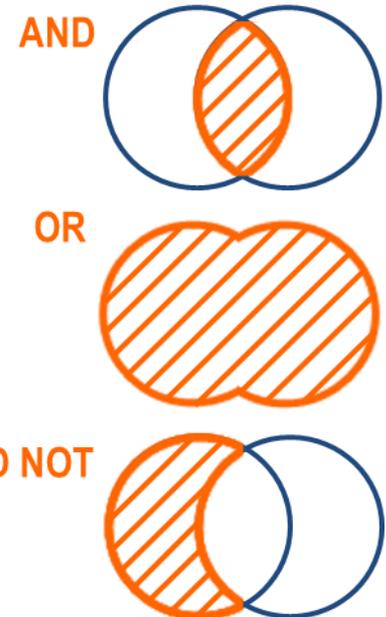
- 2015 (1)
- 2014 (2)
- 2010 (1)
- 2009 (1)
- 2008 (1)
- 2007 (1)
- 2006 (2)
- 2005 (1)
- 2004 (1)
- 2003 (3)

- Practical Intelligence in Real-World Pursuits. The Role of Tacit Knowledge Wagner, R.K., Sternberg, R.J.
1
[Full Text](#) [View at Publisher](#)
- Identifying and assessing tacit knowledge understanding the practical intelligence of military leaders Hedlund, J., Forsythe, G.B., Horvath, Snook, S., Sternberg, R.J.
2
[Full Text](#) [View at Publisher](#)
- Practical intelligence, g, and work psychology Sternberg, R.J., Hedlund, J.
3
- Practical intelligence at work: Relationship between aging and cognitive efficiency among managers in a bank environment Colonia-Willner, R.
4

Search Term Rules - Boolean

Boolean Operators

- **AND** Finds only documents that contain all of the terms. The terms may be far apart from each other.
e.g. **food AND poison**
- **OR** Finds documents that contain any of the terms. It is used to cover synonyms, alternate spellings, or abbreviations.
e.g. **weather OR climate; "green fluorescent protein" OR gfp**
- **AND NOT** Excludes documents that include the specified term from the search. It must be used at the end of a search.
e.g. **tumor AND NOT malignant**



Document search | Author search | Affiliation search | Advanced search

Browse Sources Compare journals

Particle Interactions

Article Title, Abstract, Keywords



+ Add search field

Limit to:



162,833 document results [View secondary documents](#) | [View 351 patent results](#) | [Search your library](#) | [Analyze search results](#)

Search within results...

1 Save to Mendeley Download View citation overview View cited by More... [Show all abstracts](#)

2

3 Sort on: Date Cited by Relevance ...

Refine

Limit to Exclude

Year

Author Name

Subject Area

Document Type

Source Title

Keyword

Affiliation

Country/Territory

Source Type

Language

Limit to Exclude

Export refine

Engineering (29,351)

Chemistry (28,493)

Self-interaction correction to density-functional approximations for many-electron systems	Perdew, J.P., Ernzerhof, M., Burke, K., 1996	1981	Physical Review B	11637
Full Text View at Publisher				
View references				
Add to My List				
Create bibliography				
Email				
Print				
ANT4 - A simulation toolkit	Agostini, T., Di Felice, F., Di Stefano, K., 2003		Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	6935
Full Text View at Publisher				
CRETE NUMERICAL MODEL FOR GRANULAR ASSEMBLIES.	Cundall, P.A., Strack, O.D.L., 1979		Geotechnique	5665
Quantum dot bioconjugates for ultrasensitive nonisotopic detection	Chan, W.C.W., Nie, S., 1998		Science	5559
Full Text View at Publisher				
BMACS 4: Algorithms for highly efficient, load-balanced, and scalable molecular simulation	Hess, B., Kutzner, C., Van Der Spoel, D., Lindahl, E., 2008		Journal of Chemical Theory and Computation	4978
Full Text View at Publisher				
Theory of superconductivity	Bardeen, J., Cooper, L.N., Schrieffer, J.R., 1957		Physical Review	4595
Full Text View at Publisher				

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

Author/Article Information

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.^o, Boudreau, J.^{bo}, Broglio, L.^{af}, Brunengo, A.^c, Burkhardt, H.^a, Chauvie, S.^{blbk}, Chuma, J.^h, Chytrcek, R.^a, Cooperman, G.^{ay}, Cosmo, G.^a, Degtyarenko, P.^d, Dell'Acqua, A.^{ai}, Depaola, G.^{ly}, Dietrich, D.^{af}, Enami, R.^{ab}, Feliciello, A.^{bi}, Ferguson, C.^{bo}, Fesefeldt, H.^o, Folger, G.^a, Foppiano, F.^{ao}, Forti, A.^{as}, Garelli, S.^{ao}, Giani, S.^a

View additional authors

^a European Organization for Nuclear Research (CERN), Switzerland, United States

^b European Space Agency (ESA), ESTEC, Netherlands

^c Istituto Nazionale di Fisica Nucleare (INFN), Italy

View additional affiliations

Cited by – documents
Set Citation Alert

Abstract

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

Keywords of the articles

Related Documents

ISSN: 01689002 CODEN: NIMAE Source Type: Journal Original language: English
DOI: 10.1016/S0168-9002(03)01368-8 Document Type: Article

References (131)

View in search results format

Page Save to Mendeley Print E-mail Create bibliography

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

NEW Feature – Article Metrics Module

Cited by 6920 documents

Preflight performance studies of the PoGOLite hard X-ray polarimeter
Chauvin, M., Jackson, M., Kawano, T.
(2016) *Astroparticle Physics*

Mass composition sensitivity of combined arrays of water cherenkov and scintillation detectors in the EeV range
Gonzalez, J.G., Engel, R., Roth, M.
(2016) *Astroparticle Physics*

Long and short-term atmospheric radiation analyses based on coupled measurements at high altitude remote stations and extensive air shower modeling
Hubert, G., Federico, C.A., Pazianotto, M.T.
(2016) *Astroparticle Physics*

View all 6920 citing documents

Inform me when this document is cited in Scopus:

Set citation alert Set citation feed

Cited by patents 4 times

Related documents

The Geant4 toolkit: Simulation capabilities and application results
Pla, M.G.
(2003) *Nuclear Physics B - Proceedings Supplements*

New trends in detector and background simulation: Geant4
Wellisch, J.P.
(2006) *Czechoslovak Journal of Physics*

Geant4: Physics potential for HEP instrumentation
Ivanchenko, V.N.
(2002) *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*

View all related documents based on references

Find more related documents in Scopus based on:

Authors Keywords

Metrics



Select data provided by altmetric.com

View all metrics

Demo



Setting up Search Alerts

Scopus

Scopus

Set Search Alert
 Set Alert - Search Alert is saved search that you can schedule to run at regular (daily/ weekly/ bi-weekly/ monthly) intervals. Search Results will be sent to your mailbox

Search | **Alerts**

TITLE-ABS-KEY ("Palm oil") [Edit](#) | [Save](#) | [Set alert](#) | [Set feed](#)

9,605 document results [View secondary documents](#) [Analyze search results](#)

Search within results...

Refine

[Limit to](#) [Exclude](#)

Year

<input type="radio"/>	2016	(257)
<input type="radio"/>	2015	(1,025)
<input type="radio"/>	2014	(1,258)
<input type="radio"/>	2013	(1,059)
<input type="radio"/>	2012	(808)
<input type="radio"/>	2011	(759)
<input type="radio"/>	2010	(608)
<input type="radio"/>	2009	(454)
<input type="radio"/>	2008	(384)
<input type="radio"/>	2007	(371)

Author Name

<input type="radio"/>	Hassan, M.A.	(84)
<input type="radio"/>	Masjuki, H.H.	(60)
<input type="radio"/>	Bhatia, S.	(56)
<input type="radio"/>	Choo, Y.M.	(54)
<input type="radio"/>	Jumaat, M.Z.	(54)

Set Alert (* = Required fields)

Search: TITLE-ABS-KEY ("Palm oil")

Name of alert:

E-mail address(es):

Separate multiple email addresses by a semicolon, comma, space or enter.

Frequency: on

E-mail format: HTML Text

Status: Active Inactive

[Set Alert](#)

Comparison of...
1 and lipop...

An outloo...
2

A review...
3

Importan...
4

Substitut...
5 Adh parallel rate differences at the plastid gene rbcL

Kinetics of palm oil transesterification in a batch reactor
6

[Full Text](#) [View at Publisher](#)

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Alerts
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Author Name

- Hassan, M.A. (84)
- Masjuki, H.H. (60)
- Bhatia, S. (56)
- Choo, Y.M. (54)
- Jumaat, M.Z. (54)

Subject Area

- Agricultural and Biological Sciences (2,925)
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Subject Area

- Agricultural and Biological Sciences (2,925)
- Engineering (1,863)
- Chemistry (1,854)
- Chemical Engineering (1,793)
- Environmental Science (1,456)
- Medicine (1,430)
- Biochemistry, Genetics and

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- A review of *Jatropha curcas*: An oil plant of unfulfilled promise [Full Text](#)
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 Kota Kinabalu, Malaysia
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Author Profiles



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

Hussin, Kamarudin

Universiti Malaysia Perlis, School of Materials Engineering, Kubang Gajah, Malaysia

Author ID: 16642513600

<http://orcid.org/0000-0001-9644-4244>

Documents: 266

Citations: 1082 total citations by 688 documents

h-index: 17

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

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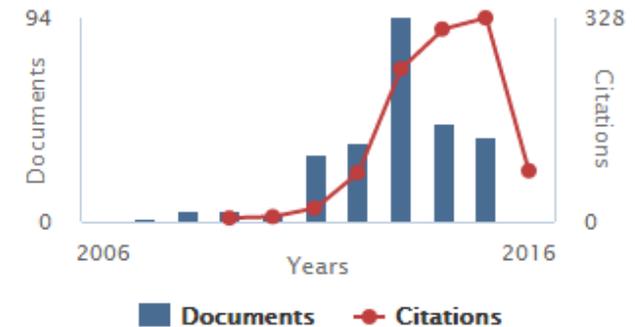
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Publication range: 1994 - 2015

References: 3353

Source history:

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- Nursing (2)
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- Applied Nursing Research (1)
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1 Van Servellen, Gwen
van Servellen, Gwen
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1	Van Servellen, Gwen Marram	 56804832400	University of California, Los Angeles	 3
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2	Van Servellen, Gwen M.	 55665452500	University of California, Los Angeles	 62
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- The Author Feedback Wizard allows you to make changes to an author profile
- The best person to give such feedback is of course the author him/herself, but in principal others can also give feedback

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East Java, Indonesia
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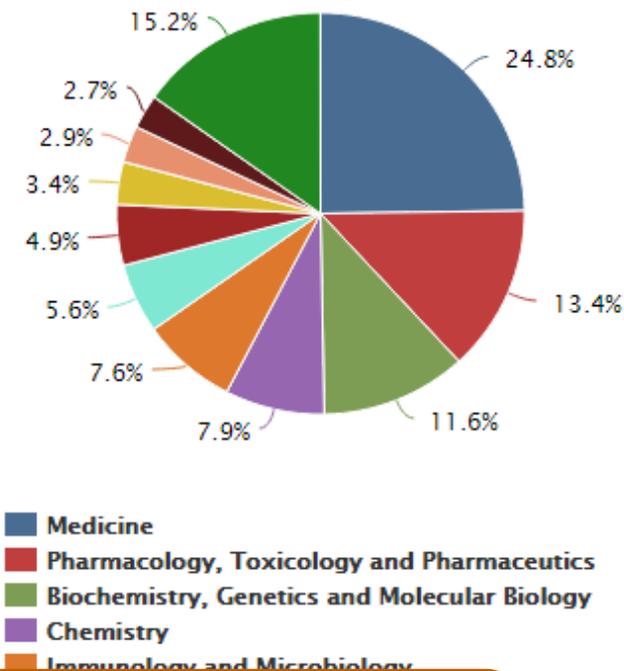
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- Affiliation profiles are profiles which group papers published at relevant institutions.
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 - Institutional profiles do the same for an institution.

Analytical Tools & Metrics

What are research metrics?



- Research workflow can be represented by three main stages.
- A metric is a **numerical measurement** that provides quantitative information about performance (i.e. an indicator)
- Metrics are used by people in research as one of the **inputs in making decisions**.
- Research is growing and becoming more complex, and metrics provide **digestible insights** from the massive amounts of data that these activities generate.

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 - 2008 (10)
 - 2007 (3)

- Author Name**
- Mahlia, T.M.I. (10)
 - Rohman, A. (10)
 - Caliman, J.P. (8)
 - Ismadji, S. (8)
 - Basri, N.H. (7)

- Subject Area**
- Agricultural and Biological Sciences (98)
 - Engineering (92)

<input type="checkbox"/>	Kinetics of palm oil transesterification in a batch reactor 1	Darnoko, D., Cheryan, M.
<input type="checkbox"/>	Biofuel plantations on forested lands: Double jeopardy for biodiversity and climate [Plantaciones de biocombustible en terrenos boscosos: Doble peligro para la biodiversidad y el clima] 2	Danielsen, F., Beukema, H., Burgess, N.D., (...), Struebig, M., Fitzherbert, E.B.
	Full Text View at Publisher	
<input type="checkbox"/>	Comparison of palm oil, Jatropha curcas and Calophyllum inophyllum for biodiesel: A review 3	Ong, H.C., Mahlia, T.M.I., Masjuki, H.H., Norhasyima, R.S.
	Full Text View at Publisher	
<input type="checkbox"/>	Fourier transform infrared (FTIR) spectroscopy for analysis of extra virgin olive oil adulterated with palm oil 4	Rohman, A., Man, Y.B.C.
	Full Text View at Publisher	
<input type="checkbox"/>	An alternative energy source from palm wastes industry for Malaysia and Indonesia 5	Mahlia, T.M.I., Abdulmuin, M.Z., Alamsyah, T.M.I., Mukhlisshien, D.
	Full Text View at Publisher	
<input type="checkbox"/>	Continuous production of palm methyl esters 6	Darnoko, D., Cheryan, M.
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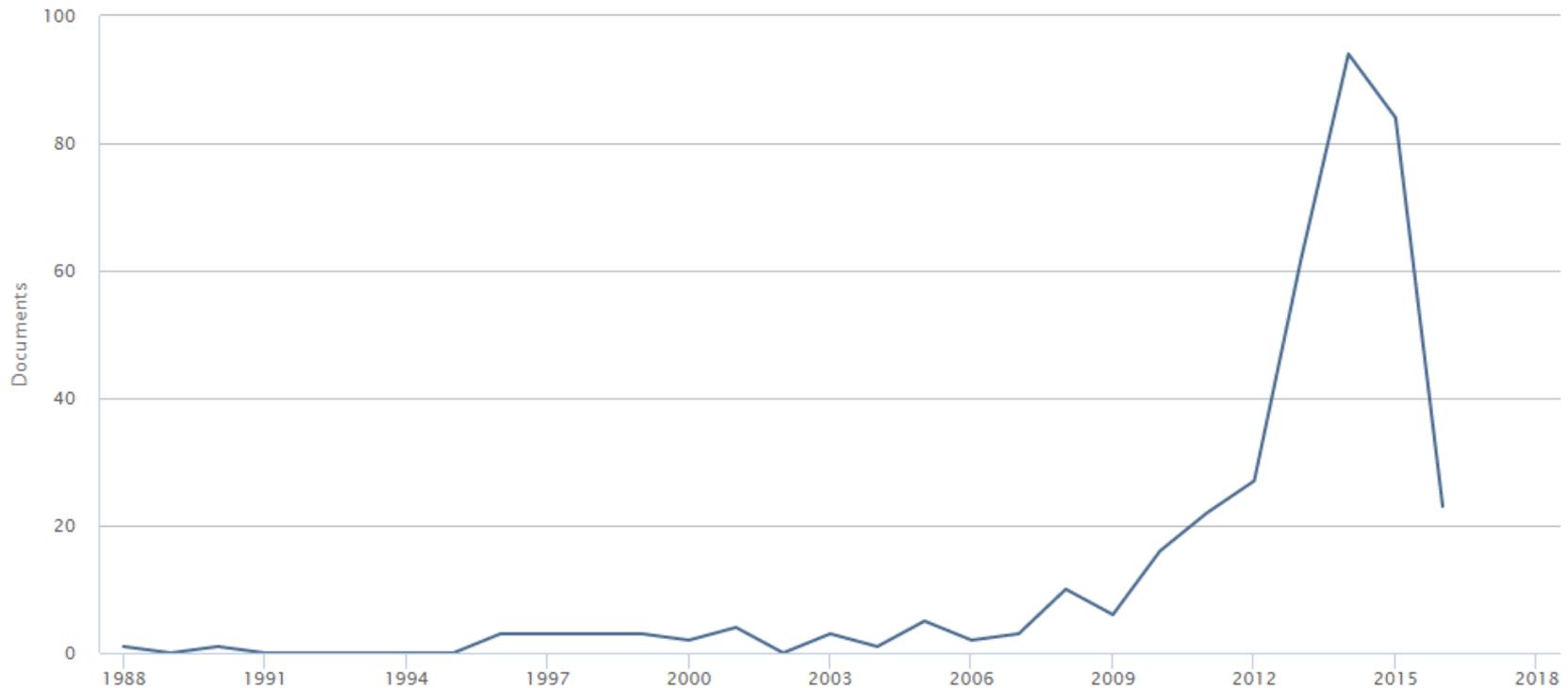
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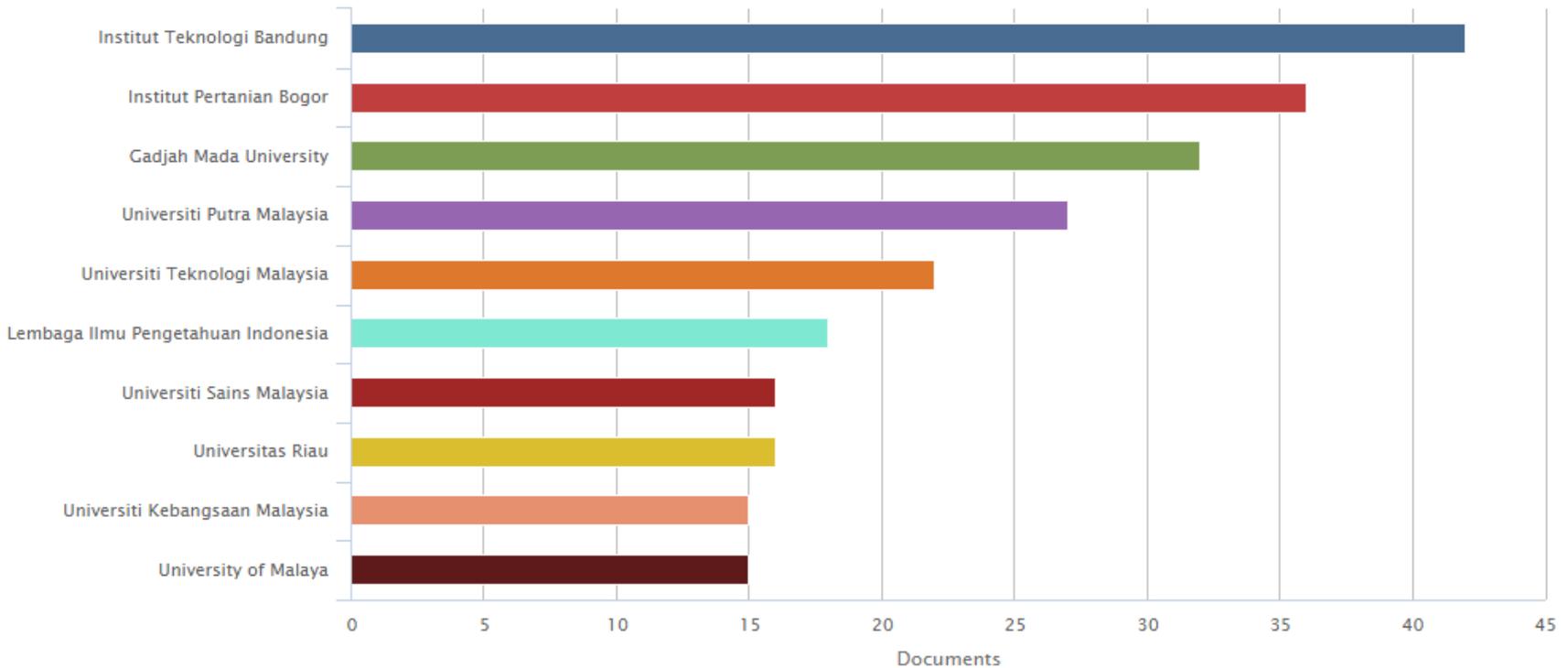
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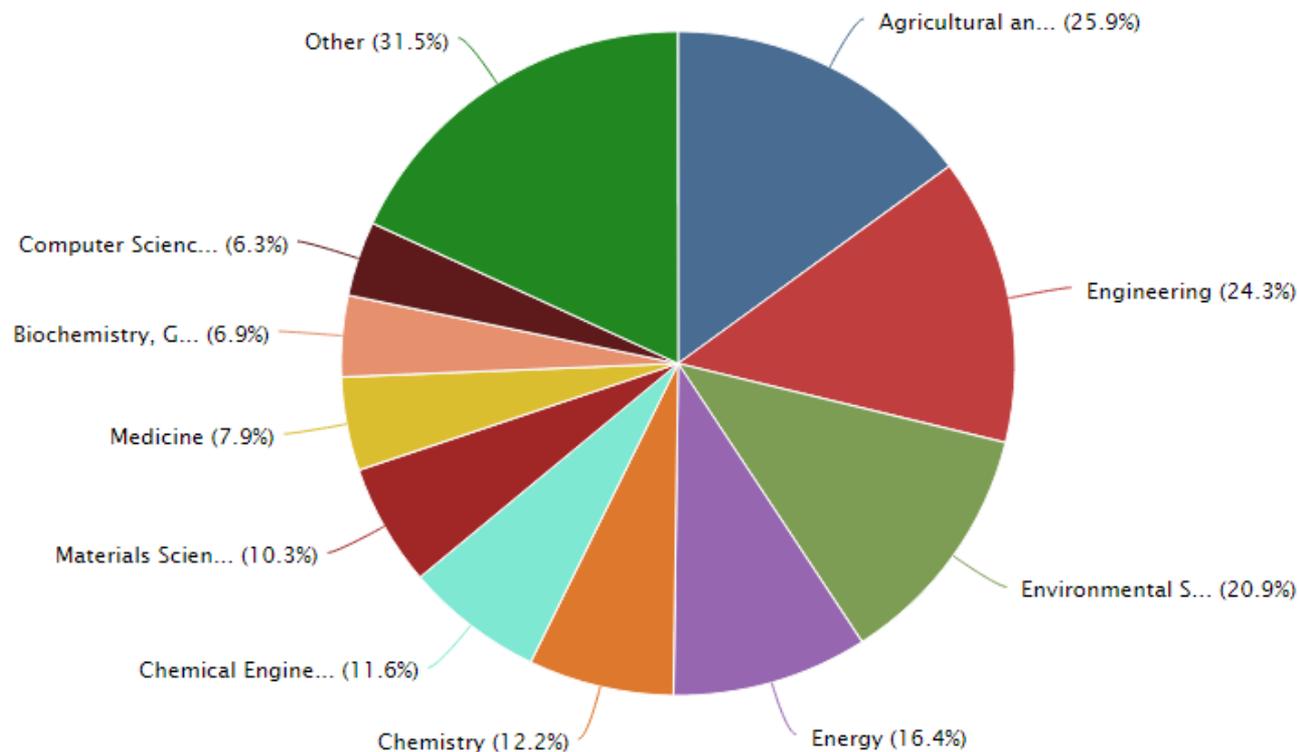
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- Choo, Y.M. (54)
- Jumaat, M.Z. (53)

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1	Oils and fats as renewable raw materials in chemistry	2011	8	50	62	83	70	20	285	293
2	Competitive liquid biofuels from biomass	2011	29	59	58	60	58	12	247	276
3	Importance of algae oil as a source of biodiesel	2011	15	39	54	74	57	13	237	252
4	An outlook on microalgal biofuels	2010	66	103	162	129	149	23	566	632
5	Indirect land-use changes can overcome carbon savings from b...	2010	57	41	42	58	40	9	190	247
6	Biodiesel production by microalgal biotechnology	2010	80	53	77	70	61	12	273	353
7	Utilization of oil palm as a source of renewable energy in M...	2008	86	38	39	43	35	5	160	246
8	How will oil palm expansion affect biodiversity?	2008	109	30	53	51	67	11	212	321
9	Importance of biodiesel as transportation fuel	2007	144	64	73	65	51	15	268	412
10	Jatropha-Palm biodiesel blends: An optimum mix for Asia	2007	140	34	37	35	31	4	141	281
11	Comparative performance and emissions study of a direct inje...	2006	158	40	35	33	18	9	135	293
12	Tocotrienols: Vitamin E beyond tocopherols	2006	140	29	28	24	20	7	108	248
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2	Competitive liquid biofuels from agricultural waste																		
3	Importance of algae as a source of renewable energy																		
4	An outlook on microalgae as a source of renewable energy																		
5	Indirect land-use change and greenhouse gas emissions from bioenergy production																		
6	Biodiesel production from agricultural waste																		
7	Utilization of oil palm as a source of renewable energy in Malaysia	2008	86	38	39	43	35	5	160										246
8	How will oil palm expansion affect biodiversity?	2008	109	30	53	51	67	11	212										321
9	Importance of biodiesel as transportation fuel	2007	144	64	73	65	51	15	268										412
10	Jatropha-Palm biodiesel blends: An optimum mix for Asia	2007	140	34	37	35	31	4	141										281
11	Comparative performance and emissions study of a direct injection diesel engine	2006	158	40	35	33	18	9	135										293
12	Tocotrienols: Vitamin E beyond tocopherols	2006	140	29	28	24	20	7	108										248
13	In-depth investigation of biomass pyrolysis based on three model compounds	2006	89	39	47	60	61	12	219										308
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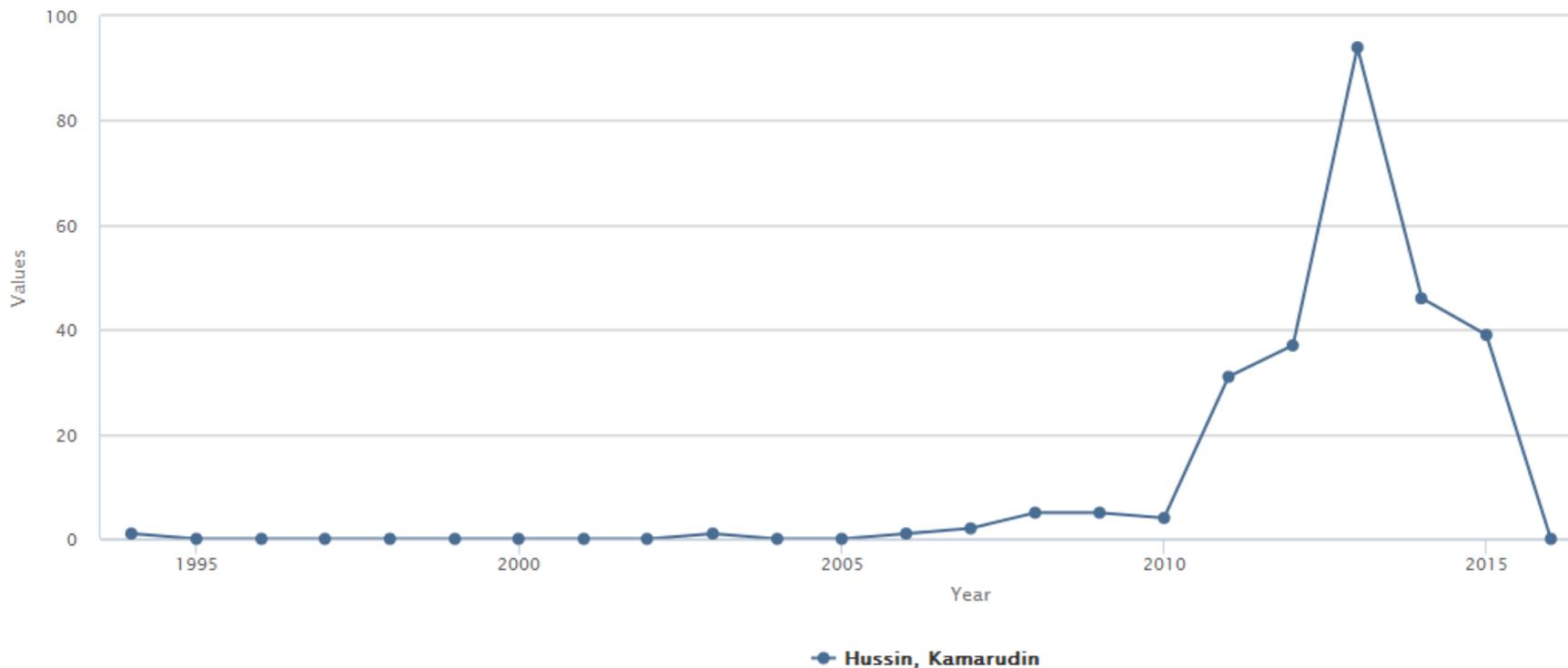
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PLoS Medicine

Volume 4, Issue 7, July 2007, Pages 1148-1155

Liver fluke induces cholangiocarcinoma (Review)

Sripa, B.^{a,f} , Kaewkes, S.^{b,f}, Sithithaworn, P.^{b,f}, Mairiang, E.^c, Laha, T.^b, Smout, M.^g, Pairajkul, C.^{a,f}, Bhudhisawasdi, V.^{d,f}, Tesana, S.^b, Thinkamrop, B.^e, Bethony, J.M.^h, Loukas, A.^g, Brindley, P.J.ⁱ  

^a Department of Pathology, Khon Kaen University, Khon Kaen, Thailand

^b Department of Parasitology, Khon Kaen University, Khon Kaen,

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Abstract

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Indexed keywords

EMTREE drug terms: ascorbic acid; praziquantel; proline

EMTREE medical terms: abdominal pain; bile duct carcinoma; China; cholangitis; cholecystitis; cholelithiasis; clonorchiasis; DNA damage; Fasciola hepatica; fascioliasis; fatigue; flatulence; gallbladder disease; gallbladder enlargement; hepatobiliary disease; hepatomegaly; human; immunopathology; Korea; liver fibrosis; nonhuman; obstructive jaundice; opisthorchiasis; parasite; pathogenesis; public health; review

Chemicals and CAS Registry Numbers: ascorbic acid, 134-03-2, 15421-15-5, 50-81-7; praziquantel, 55268-74-1; proline, 147-85-3, 7005-20-1

ISSN: 15491277 Source Type: Journal Original language: English

DOI: 10.1371/journal.pmed.0040201 Document Type: Review

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Keiser, J., Utzinger, J.

1 **Emerging foodborne trematodiasis**

(2005) *Emerging Infectious Diseases*, 11 (10), pp. 1507-1514. Cited 267 times.

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Schistosomes, liver flukes and Helicobacter pylori. IARC Working Group on the Evaluation of Carcinogenic Risks to Humans. Lyon, 7-14 June 1994.

2 (1994) *IARC monographs on the evaluation of carcinogenic risks to humans / World Health Organization, International Agency for Research on Cancer*, 61, pp. 1-241. Cited 445 times.

Jongsuksuntigul, P., Imsomboon, T.

3 **Opisthorchiasis control in Thailand**

(2003) *Acta Tropica*, 88 (3), pp. 229-232. Cited 124 times.

doi: 10.1016/j.actatropica.2003.01.002

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Pungpak, S., Bunnag, D., Harinasuta, T.

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Whole transcriptome profiling of adult and infective stages of the trematode *Opisthorchis felineus*
Pomaznoy, M.Y., Logacheva, M.D., Young, N.D.
(2016) *Parasitology International*

Association between praziquantel treatment and cholangiocarcinoma: A hospital-based matched case-control study
Kamsa-ard, S., Luvira, V., Pugkhem, A.
(2015) *BMC Cancer*

Development and evaluation of PCR methods based on cytochrome c oxidase subunit one (cox1) and NADH dehydrogenase subunit one gene (nad1) to detect *Opisthorchis viverrini* in human fecal samples
Buathong, S., Leelayoova, S., Munghin, M.
(2015) *Parasitology Research*

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Opisthorchis viverrini: The carcinogenic human liver fluke

Kaewploon, N., Kaewploon, S.J., Pengsaa, P.
(2008) *World Journal of Gastroenterology*

Helminths and malignancy

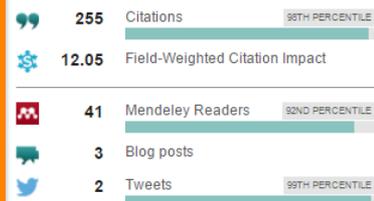
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(2009) *Parasite Immunology*

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 (2007) PLoS Medicine, 4(7), pp. 1148-1155

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Citation Benchmarking

98th percentile

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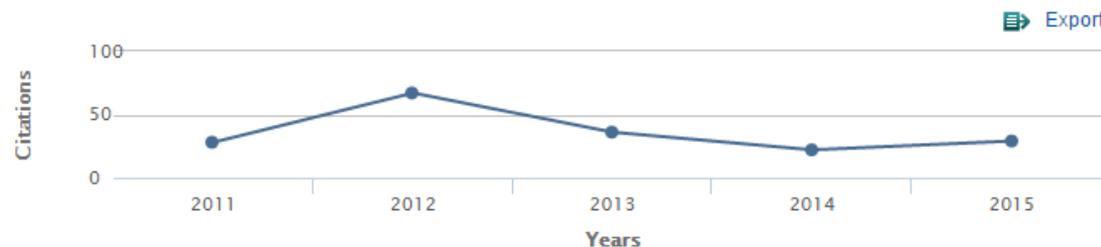
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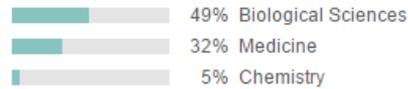
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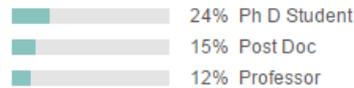
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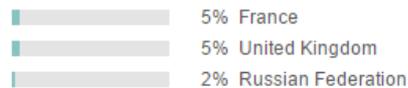


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Scholarly Commentary

8 mentions

Reviews, articles, and blogs by experts and scholars, such as F1000 Prime, research blogs, and Wikipedia.

Blogs

This Thai Meal Gives You Liver Cancer
IFL Science - Health and Medicine
16 June 2015

Health and Medicine
Photo credit: Candice and Jarrett/Flickr CC BY-NC 2.0
Koi pla is a popular dish in northeastern Thailand. It's made from finely chopped raw fish, mixed with herbs, a dash of lime juice, and a sprinkling of live r

PLoS Goes Mainstream
The Corpus Callosum
13 July 2007

One sure sign of acceptance in the mainstream media occurs when a publication gets picked up by Google News (as illustrated in the screen capture image, above).
Yesterday, reading the Public Library of Science Medicine journal (PLoS Medicine), I noticed

Wikipedia

Koi (dish)
The Anome
14 June 2015

Koi is a "salad" dish of the Lao people of Laos and Isan consisting of raw meat denatured by acidity, usually from lime juice.

Carcinogen
Alan Merrit
17 February 2014

A carcinogen is any substance, radionuclide, or radiation that is an agent directly involved in causing cancer.

Cholangiocarcinoma
Alan Merrit
05 February 2014

Cholangiocarcinoma is a form of cancer that is composed of mutated epithelial cells (or cells showing characteristics of epithelial differentiation) that originate in the bile ducts which drain bile from the liver into the small intestine.

Mass Media

Spread of artemisinin resistance in Plasmodium falciparum malaria [Back to article](#)

Ashley E.A., Dhorda M., Fairhurst R.M., Amaratunga C., (...), White N.J. (2014) New England Journal of Medicine, 371(5), pp. 411-423

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Blogs, Reviews, Wikipedia, etc.

Mass Media

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Twitter, Facebook, etc.

Mass Media

46 stories from 38 sources

Coverage of research output in the mass media

Südostasien: Wissenschaftler warnen vor resistenten Malaria-Erregern

ZEIT ONLINE
20 February 2015

In Myanmar kurz vor Indien wurden Parasiten entdeckt, gegen die das Malaria-Medikament Artemisinin wirkungslos ist. Forscher fürchten eine weltweite Ausbreitung.

Study in Myanmar confirms artemisinin-resistant malaria close to border with India

MedicalXpress
20 February 2015

The spread of malaria parasites that are resistant to the drug artemisinin - the frontline treatment against malaria infection - into neighbouring India would pose a serious threat to the global control and eradication of malaria. If drug resistance spread

Study in Myanmar confirms artemisinin-resistant malaria close to border with India

EurekaAlert!
19 February 2015

(Wellcome Trust) Resistance to the antimalarial drug artemisinin is established in Myanmar and has reached within 25km of the Indian border, a study published today in Lancet Infectious Diseases reports. Artemisinin resistance threatens to follow the sam

A Warning From the Heart of Malaria Research

Wall Street Journal
10 February 2015

A veteran doctor fears the rise of a drug-resistant strain will help the disease spread.

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Südostasien

Wissenschaftler warnen vor resistenten Malaria-Erregern

In Myanmar, kurz vor Indien, wurden Parasiten entdeckt, gegen die das Malaria-Medikament Artemisinin wirkungslos ist. Forscher fürchten eine weltweite Ausbreitung.

20. Februar 2015, 14:50 Uhr / Quelle: ZEIT ONLINE, dpa, sre / 9 Kommentare

Ein resistenter Malaria-Erreger breitet sich nach Forscherangaben in Südostasien aus und hat fast die Grenze Indiens erreicht. Gegen den Erreger sei das effektive und viel genutzte Malaria-Medikament Artemisinin wirkungslos, warnt das internationale Team im Fachblatt *Lancet Infectious Diseases*. Resistente Parasiten seien etwa 25 Kilometer von der indischen Grenze entfernt in Myanmar gefunden worden.



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