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Scopus

Training for Universitas Indonesia

November 2016

Empowering Knowledge

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.

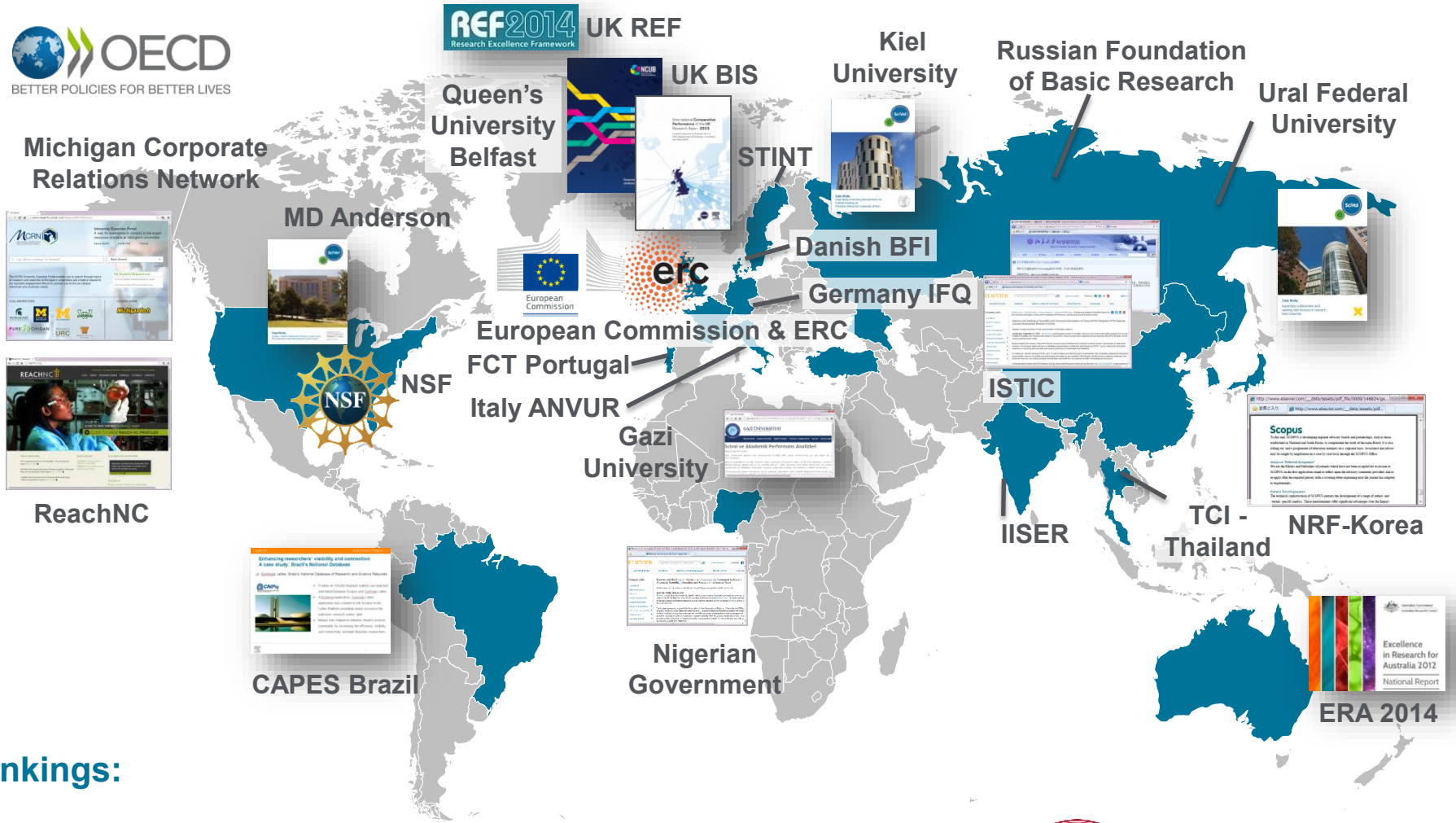
Over 22,000 titles from more than 5,000 international publishers and 105 different countries

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:

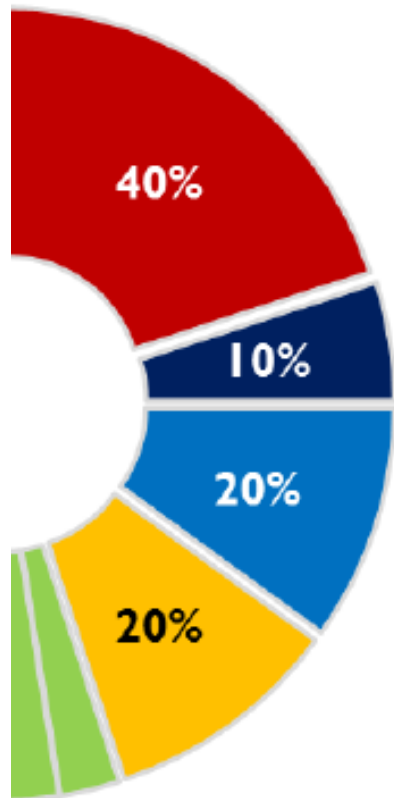


World university rankings – QS

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

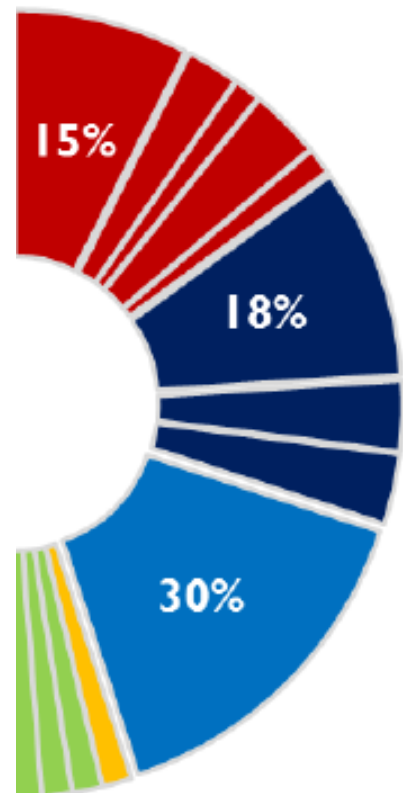
University Rankings use a combination of expert opinion (surveys) and objective data (including from Scopus)

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



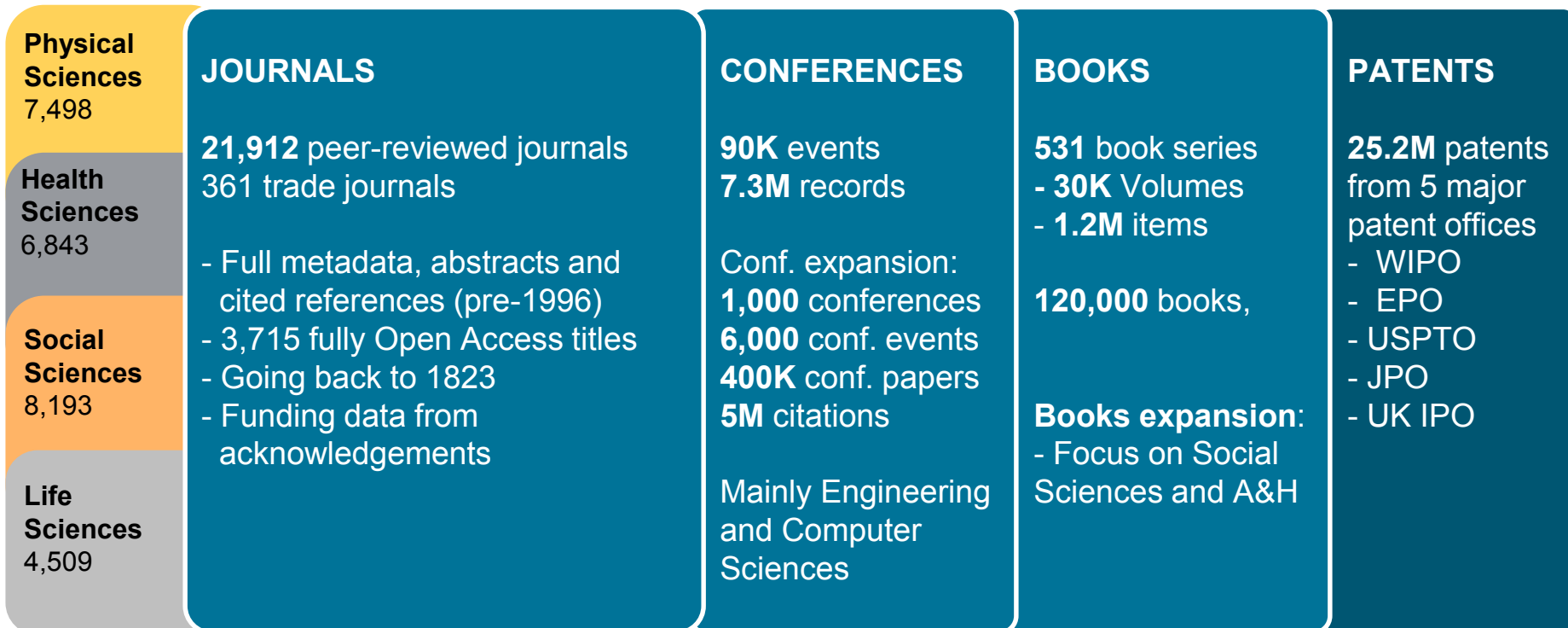
| | |
|---|--|
| <p>Teaching: the learning environment (30%)</p> <ul style="list-style-type: none"> Academic reputation survey: reputation for teaching (15%) Staff to student ratio (4.5%) Ratio of doctoral to bachelor's degrees awarded (2.25%) (Field-weighted) number of doctorates awarded per staff FTE (6%) Institutional income per staff FTE (2.25) | <p>Publication and citation data from Scopus is used</p> |
| <p>Research: volume, income and reputation (30%)</p> <ul style="list-style-type: none"> 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>Citations: research influence (30%)</p> <ul style="list-style-type: none"> (Field-weighted) citations in 2006-11 to papers published 2006-10 | <p>Scopus</p> |
| <p>Industry income: innovation (2.5%)</p> <ul style="list-style-type: none"> Income from industry per staff FTE | |
| <p>International outlook: staff, students and research (7.5%)</p> <ul style="list-style-type: none"> 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%) | |

Content in Scopus

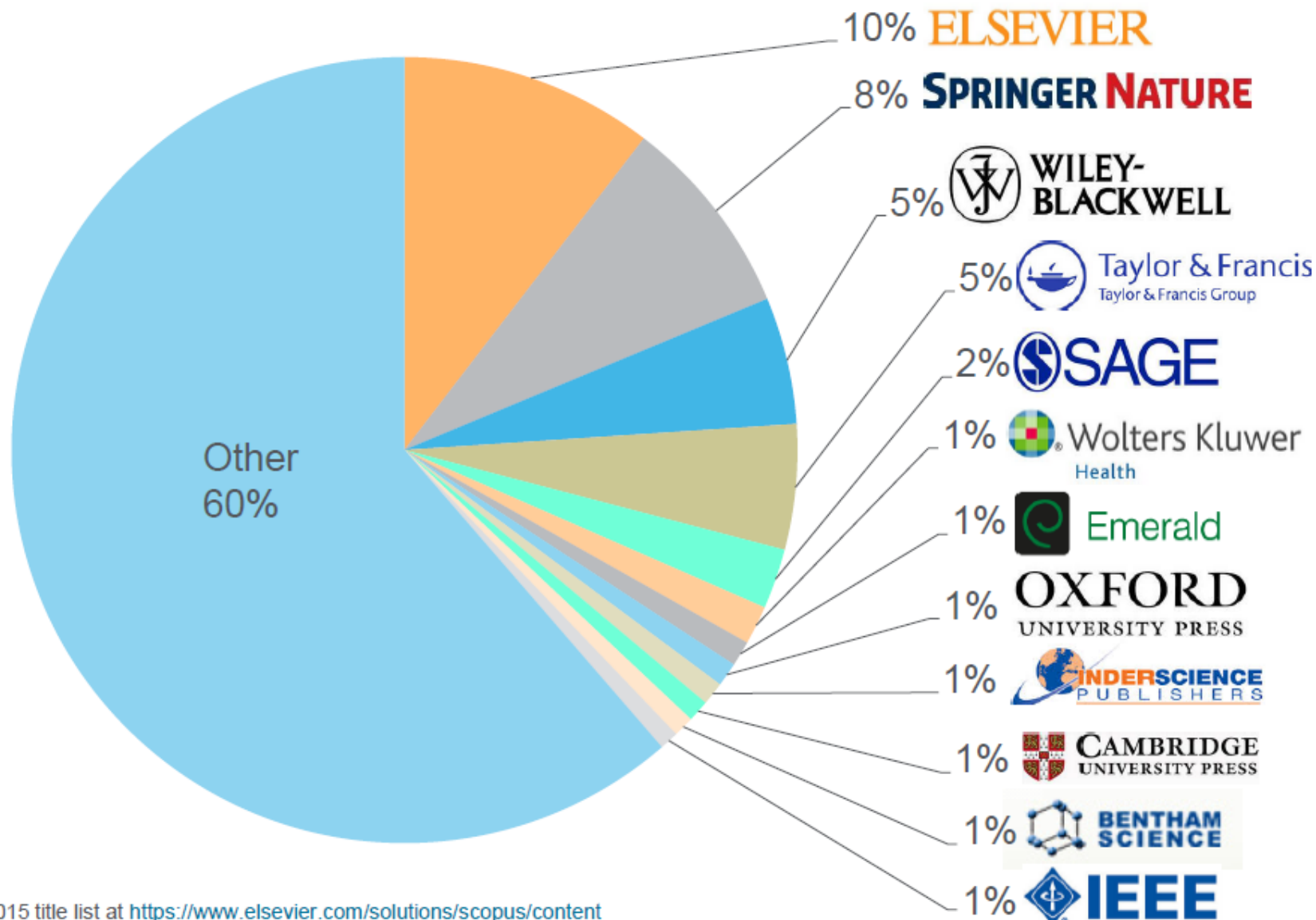
Content Coverage

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

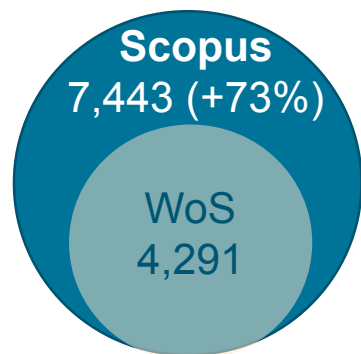
Web of Science
12,140

WEB OF SCIENCE™

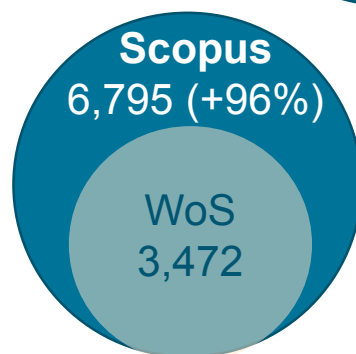
~12K titles (Core Collection)

3,300 publishers

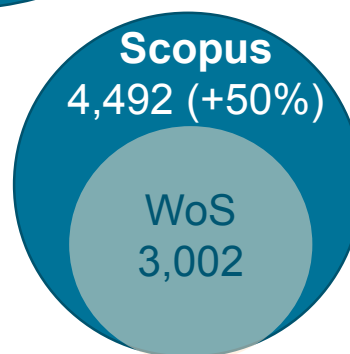
Updated weekly



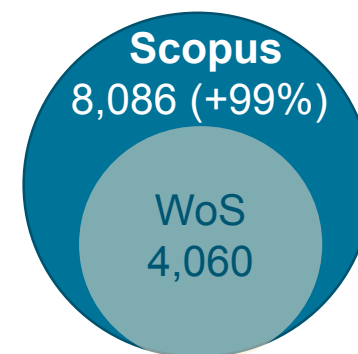
Physical Sciences



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**

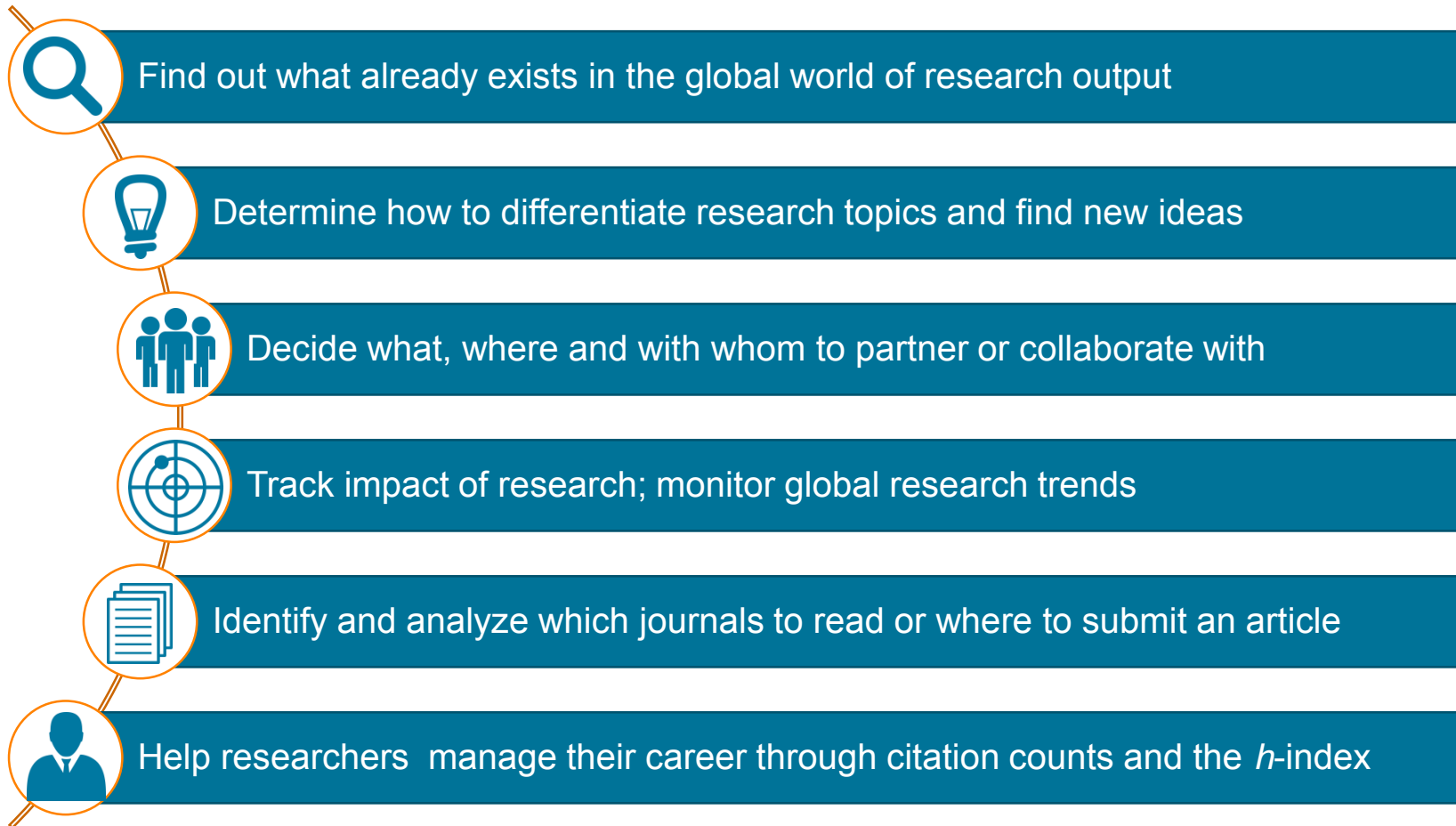
- Pre-1996 Cited Reference Expansion Program
- Conference Expansion Program
- Books Expansion program

- **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 All years to Present Added to Scopus in the last 7 days

Subject Areas

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

Document Type

ALL

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

Sources & Metrics

Refine
Search
Parameters

About Scopus

What is Scopus
Content coverage
Scopus Blog
Scopus API

Language

日本語に切り替える
切换到简体中文
切换到繁體中文

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About

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Privacy Policy

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 |

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
- AFFILOG
- 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

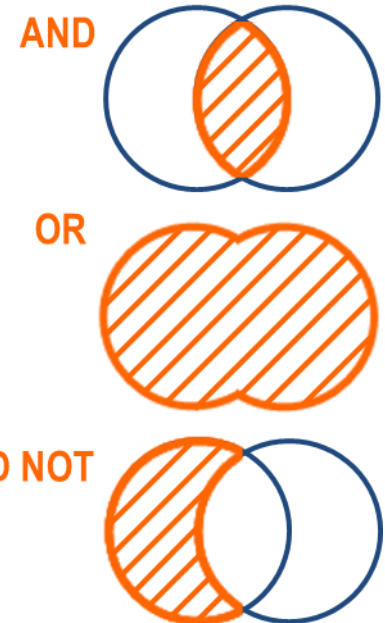
- 2015 (1)
- 2014 (2)
- 2010 (1)
- 2009 (1)
- 2008 (1)
- 2007 (1)
- 2006 (2)
- 2005 (1)
- 2004 (1)
- 2003 (3)

- 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., Baltuska, A., DiFuria, J., DiStasio, R., Kruer, J., et al., 2003 | 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 | 1979 | Geotechnique | 5665 |
| Quantum dot bioconjugates for ultrasensitive nonisotopic detection | Chan, W.C.W., Nie, S., 1998 | 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 | 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 | 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. (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. 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
Mass composition sensitivity of combined arrays of water cherenkov and scintillation detectors in the EeV range
Long and short-term atmospheric radiation analyses based on coupled measurements at high altitude remote stations and extensive air shower modeling
View all 6920 citing documents
Set citation alert Set citation feed
Cited by patents 4 times

Related documents
The Geant4 toolkit: Simulation capabilities and application results
New trends in detector and background simulation: Geant4
Geant4: Physics potential for HEP instrumentation
View all related documents based on references
Find more related documents in Scopus based on: Authors Keywords

Metrics
6920 Citations 99TH PERCENTILE
138.72 Field-Weighted Citation Impact
215 Mendeley Readers 99TH PERCENTILE
2 Mentions on Wikipedia
2 Tweets
2 Posts on Google+
Select data provided by altmetric.com
View all metrics

Assignment 1



- Use Scopus to find Indonesia's highest cited paper in "palm oil" Research
- Which institutions wrote the paper?
- How many citations does this paper have?
- How highly cited is this paper compared to world average citation levels?

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

Export

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TITLE-ABS-KEY ("Palm oil")  Edit |  Save |  Set alert |  Set feed9,605 document results [View secondary documents](#) | [View 1443 patent results](#) | [Search your library](#) | [Analyze search results](#)Search within results... 
  CSV export |  Download |  View citation overview |  View cited by |  Save to list | [More...](#)

Refine

Year

- 2016 (257)
- 2015 (1,025)
- 2014 (1,258)
- 2013 (1,059)
- 2012 (808)
- 2011 (759)
- 2010 (608)
- 2009 (454)
- 2008 (384)
- 2007 (371)

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)
- Engineering (1,863)
- Chemistry (1,854)

 Comparison of... and lipoproteins
1
[Full Text](#)
 An outlook on mi...
2
[Full Text](#)
 A review of Jatro...
3


 Importance of bi...
4
[Full Text](#)
 Substitution rate... Adh parallel rate
5
[Full Text](#)
 Kinetics of palm...
6


 Biodiesel produc...
7

Choose your default reference manager or file type: 

Scopus offers integrated export functionality with Mendeley and Refworks. Or, to use a different reference manager, choose a file format

  Save to Mendeley

  RefWorks direct export

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 Citation information

- Author(s)
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- Source and Document Type
- DOI

 Other information

- Tradenames and Manufacturers
- Accession numbers and Chemicals
- Conference information

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- Affiliations
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 Abstract and Keywords

- Abstract
- Author Keywords
- Index Keywords

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- Number
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TITLE-ABS-KEY ("palm oil")
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Refine

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Year

- 2016 (257)
- 2015 (1,025)
- 2014 (1,258)
- 2013 (1,059)
- 2012 (808)
- 2011 (759)
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- Jumaat, M.Z. (54)

Subject Area

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- Engineering (1,863)
- Chemistry (1,854)
- Chemical Engineering (1,793)
- Environmental Science (1,456)
- Medicine (1,430)
- Biochemistry, Genetics and

- Comparison of effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on plasma lipids and lipoproteins in man [Full Text](#)
- An outlook on microalgal biofuels [Full Text](#)
- A review of *Jatropha curcas*: An oil plant of unfulfilled promise [Full Text](#)
- Importance of bio... [Full Text](#)
- Substitution rate of Adh parallel rate [Full Text](#)
- Kinetics of palm... [Full Text](#)
- Biodiesel produc... [Full Text](#)
- Performance and... [Full Text](#)

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Begin Download

| Document Title | Format | Availability | Download Status |
|---|--------|--------------|-----------------|
| Comparison of effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on plasma lipids and lipoproteins in man | | | |
| An outlook on microalgal biofuels | | | |
| A review of <i>Jatropha curcas</i> : An oil plant of unfulfilled promise | | | |

Assignment 2



- Perform a search in Scopus for something that interests you.
- Setup a search alert
- Export the top 5 results to your preferred format
- Email these search results to someone

Demo



Author Profiles in Scopus

[Search](#)[Alerts](#)[Lists](#)

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Author Search Function

[Document search](#)[Author search](#)[Affiliation search](#)[Advanced search](#)[Browse Sources](#)[Compare journals](#) Show exact matches only

ORCID...

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



Limit to:

Subject Areas Life Sciences Health Sciences Physical Sciences Social Sciences & Humanities

Iqbal, Muhammad Zafar
 Universiti Malaysia Sabah, Biotechnology Research Institute,
 Kota Kinabalu, Malaysia
 Author ID: 26643257600

Documents: 238
 Citations: 3748 total citations by 2659 documents
 h-index: 33
 Co-authors: 150 (maximum 150 co-authors can be displayed)
 Subject area: Agricultural and Biological Sciences , Biochemistry, Genetics and Molecular Biology View More

Analyze author output
 View citation overview
 View h-graph

About Scopus Author Identifier | View potential author matches
 Other name formats: Iqbal, Muhammad
 Iqbal
 Iqbal, Mohammad Zafar
 View More

238 Documents | Cited by 2659 documents | 150 co-authors

238 documents View all in search results format

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

| | | | | |
|--|--|------|--|---|
| Amelioration of ferric nitrilotriacetate-induced hepatotoxicity in Wistar rats by diallylsulfide | Ansar, S., Iqbal, M. | 2016 | Human and Experimental Toxicology | 0 |
| Salt stress-induced modulations in the shoot proteome of Brassica juncea genotypes | Yousuf, P.Y., Ahmad, A., Ganie, A.H., Iqbal, M. | 2016 | Environmental Science and Pollution Research | 0 |
| Hepatoprotective effects of Flagellaria indica are mediated through the suppression of pro-inflammatory cytokines and oxidative stress markers in rats | Gnanaraj, C., Shah, M.D., Makki, J.S., Iqbal, M. | 2016 | Pharmaceutical Biology | 0 |

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 Request author detail corrections

Author History

Publication range: 1974 - Present
 References: 4616

Source history:
 New Phytologist View documents
 Flora: Morphology, Distribution, Functional Ecology of Plants View documents
 Journals of Gerontology - Series A Biological Sciences and Medical Sciences View documents
 View More

Show Related Affiliations

1 Author Details

2 Author Publications

3 Search Functionality

4 Sorting Option (Date or Number of Citations)

5 Author History

6 Follow this Author / Get Citation Alerts / Author Detail Corrections

Author Search

Search Alerts Lists

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

Show exact matches only

Limit to:

Subject Areas
 Life Sciences Physical Sciences
 Health Sciences Social Sciences & Humanities

Here we search for the author Kamarudin Hussin, and indicate the name of his affiliation should include "Perlis" (the author is from UNIMAP).

Author Search Results

Search Alerts Lists

Author last name "Kamarudin" , Author first name "Hussin" , Affiliation "Perlis" [Edit](#)

1 author results [About Scopus Author Identifier](#) Sort o

Show exact matches only

Show documents | View citation overview | Request to merge authors

Refine

Source Title

2006 TMS Fall Extraction and Processing Division Sohn International Symposium (1)

| | | | | | | |
|--------------------------|--|-----|--|----------------------------|--------------|----------|
| <input type="checkbox"/> | Hussin, Kamarudin | 266 | Engineering ; Materials Science ; Chemistry; | Universiti Malaysia Perlis | Kubang Gajah | Malaysia |
| 1 | Kamarudin, Hussin Kamarudin, Kamarudin Husin, H. | ... | | | | |


Display results per page

Here the result is just one author profile, because our search was quite specific, i.e. used full first name and specified an affiliation. Common names will often result in many more results!

Author Profiles


Search
Alerts
Lists

[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)

Subject area: Engineering , Materials Science [View More](#)

 [Analyze author output](#)

 [View citation overview](#)

 [View *h*-graph](#)

266 Documents | Cited by 688 documents | 150 co-authors

266 documents [View all in search results format](#)

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 [Add to ORCID !\[\]\(e0e8eacb1f1d8462dfebf539b7b031db_img.jpg\)](#)

 [Request author detail corrections](#)



■ Documents **—● Citations**

Author History

Publication range: 1994 - 2015

References: 3353

Source history:

| | |
|--|--------------------------------|
| Journal of Vinyl and Additive Technology | View documents |
| Applied Mechanics and Materials | View documents |
| Fibers and Polymers | View documents |
| View More | |

 [Show Related Affiliations](#)


- Author profiles are algorithmically created and perfected through user feedback.
- Scopus Author ID can be linked to their ORCID ID.
- Author profiles are an easy way to discover all the work by a particular researcher, and to analyze their output in various ways.

Author Feedback

Search

Alerts

Lists

Author last name "van servellen"  Edit

2 author results [About Scopus Author Identifier](#)

Show exact matches only

Show documents |  View citation overview |  **Request to merge authors**

Refine

Limit to

Exclude

Source Title

- Journal of Nursing Administration (2)
- Nursing (2)
- Nursing Administration Quarterly (2)
- Applied Nursing Research (1)
- Applied Nursing Research ANR (1)

Van Servellen, Gwen M. 62 Nursing ; Medicine ; Social Sciences; ...
1 Van Servellen, Gwen
van Servellen, Gwen
van Servellen, Gwen van

Van Servellen, Gwen Marram 3 Nursing
2 van Servellen, Gwen Marram

Display results per page

- Some authors have more than one Author Profile, in which case they can easily be combined.
- Incorrect documents can also be removed during this process.

Author Feedback Wizard

Author feedback wizard

1 | Start





2 | Select preferred name

3 | Review profile

4 | Submit changes

Merge selected authors

You have requested to merge the following authors:

| | | | | |
|---------------------------------------|-----------------------------------|---|---------------------------------------|--|
| 1 | Van Servellen, Gwen Marram |  56804832400 | University of California, Los Angeles |  3 |
| Show recent documents | | | | |
| 2 | Van Servellen, Gwen M. |  55665452500 | University of California, Los Angeles |  62 |
| Show recent documents | | | | |

cancel | **Start**

- 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

Demo



Institutional Profiles

Affiliation Search

Search Alerts Lists

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

 Search for documents by affiliation


Search history *e.g. #1 AND NOT #3.*

| | |
|---|------------------------|
| 3 TITLE-ABS-KEY ("Palm oil") | 9,605 document results |
| 2 (TITLE-ABS-KEY ("Palm oil") AND AFFILCOUNTRY (indonesia)) | 378 document results |
| 1 AF-ID ("Universitas Diponegoro" 60069385) | 950 document results |

Here we do an affiliation search for "Indonesia"

Affiliation Search Results

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

Affiliation "Indonesia"  Edit

179 affiliation results [About Scopus Affiliation Identifier](#)

Show documents |  Give feedback

Refine

City

- Jakarta (54)
- Bogor (17)
- Bandung (16)
- Surabaya (14)
- Yogyakarta (13)

Country/Territory

- Indonesia (179)

[Export refine](#)

| | | | | | |
|--------------------------|----|---|------|------------|-----------|
| <input type="checkbox"/> | 1 | Institut Teknologi Bandung Bandung Institute of Technology Institut Teknologi Bandung | 5363 | Bandung | Indonesia |
| <input type="checkbox"/> | 2 | Universitas Indonesia Universitas Indonesia University of Indonesia | 4388 | Depok | Indonesia |
| <input type="checkbox"/> | 3 | Gadjah Mada University Gadjah Mada University | 2863 | Yogyakarta | Indonesia |
| <input type="checkbox"/> | 4 | Institut Pertanian Bogor Bogor Agricultural University | 2027 | Bogor | Indonesia |
| <input type="checkbox"/> | 5 | Lembaga Ilmu Pengetahuan Indonesia Indonesian Institute of Sciences Indonesian Institute of Sciences LIPI | 1584 | Jakarta | Indonesia |
| <input type="checkbox"/> | 6 | Institut Teknologi Sepuluh Nopember Sepuluh Nopember Institute of Technology Institut Teknologi Sepuluh Nopember | 1546 | Surabaya | Indonesia |
| <input type="checkbox"/> | 7 | Brawijaya University Brawijaya University University of Brawijaya | 1115 | Malang | Indonesia |
| <input type="checkbox"/> | 8 | Center for International Forestry Research, West Java Ctr. for Intl. Forestry Research Center for International Forestry Research | 1024 | Bogor | Indonesia |
| <input type="checkbox"/> | 9 | Universitas Diponegoro Diponegoro University | 950 | Semarang | Indonesia |
| <input type="checkbox"/> | 10 | Universitas Padjadjaran Universitas Padjadjaran Padjadjaran University | 946 | Bandung | Indonesia |
| <input type="checkbox"/> | 11 | Universitas Hasanuddin Hasanuddin University | 859 | Makassar | Indonesia |
| <input type="checkbox"/> | 12 | Universitas Airlangga Airlangga University | 817 | Surabaya | Indonesia |

The results shows all affiliation profiles which includes "Indonesia" in either the name or country field.

Affiliation Profiles

Search

Alerts

Lists

[Back to results](#) | [< Previous 12 of 179 Next >](#)

Universitas Airlangga

Surabaya
East Java, Indonesia
Affiliation ID: 60069383

Documents: 817

Authors: 705

Patent results: 0

Collaborating affiliations

University of Malaya
Kobe University
Kobe University School of Medicine
Hoshi University
Gadjah Mada University

[View more...](#)

Documents by source

| Documents | Source |
|-----------|--|
| 50 | International Journal of Pharmacy and Pharmaceutical Sciences |
| 49 | Southeast Asian Journal of Tropical Medicine and Public Health |
| 41 | Profiles of Drug Substances Excipients and Methodology |
| 41 | Paediatrica Indonesiana |
| 36 | Journal of Liquid Chromatography and Related Technologies |

[View more...](#)

[Follow this affiliation](#)

Receive emails when new documents are available in Scopus.

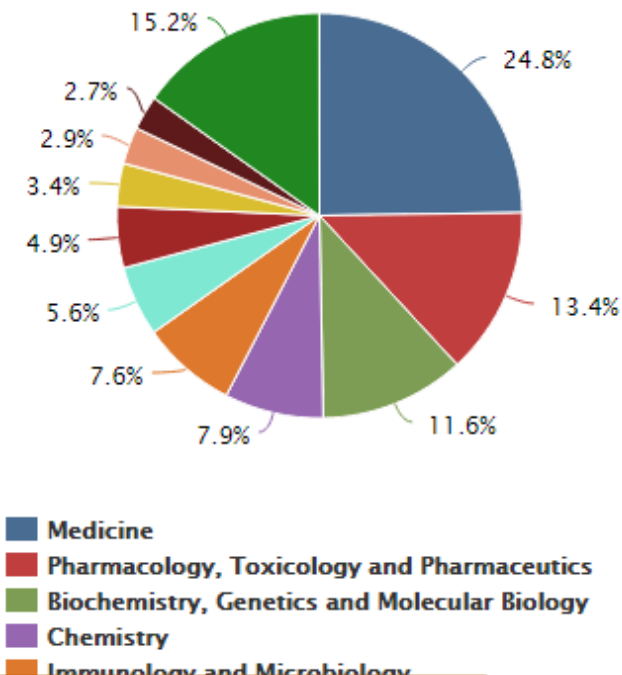
[Set document feed](#)

[Give feedback about this affiliation](#)

Documents by subject area

[Chart](#)

[Table](#)



- 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.

Assignment 3



- Search for an author that interests you. Were you able to find him or her?
- Does this author have an ORCID record?
- Search for your institutional profile in Scopus. Are you able to find it?

Summary

- A key activity for researchers is efficient search and discovery of research papers (a second step can be the analysis thereof)
- Scopus facilitates searching in various ways:
 - Document search
 - Advanced search
 - Author search
 - Affiliation search
 - Journal search
- Profiles
 - Profiles save you the time of manually grouping papers
 - Author profiles make it easier to find all the papers of a particular researcher. It also allows for easier analysis of their output and impact
 - 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.

Analytical Tools in Scopus include:

- ✓ Analyze search results
- ✓ Citation overview
- ✓ Analyze author output
- ✓ Article metrics module
- ✓ Journal analyzer



Analyze Search Results

Analyze Search Results

Search Alerts Lists

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

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

Search within results... [CSV export](#) | [Download](#) | [View citation overview](#) | [View Cited by](#) | [Save to list](#) | [More...](#)

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

- Year**
- 2016 (23)
 - 2015 (84)
 - 2014 (94)
 - 2013 (62)
 - 2012 (27)
 - 2011 (22)
 - 2010 (16)
 - 2009 (6)
 - 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="radio"/> | Kinetics of palm oil transesterification in a batch reactor 1 | Darnoko, D., Cheryan, M. |
| <input type="radio"/> | 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="radio"/> | 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="radio"/> | 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="radio"/> | An alternative energy source from palm wastes industry for Malaysia and Indonesia 5 | Mahlia, T.M.I., Abdulmuin, M.Z., Alamsyah, T.M.I., Mukhlisien, D. |
| | Full Text View at Publisher | |
| <input type="radio"/> | Continuous production of palm methyl esters 6 | Darnoko, D., Cheryan, M. |
| <input type="radio"/> | Committed carbon emissions, deforestation, and community land conversion from oil palm plantation expansion in West Kalimantan, Indonesia 7 | Carlson, K.M., Curran, L.M., Rathasari, D., (...), Lawrence, D., Rodrigues, H.O. |

Analyze Search Results

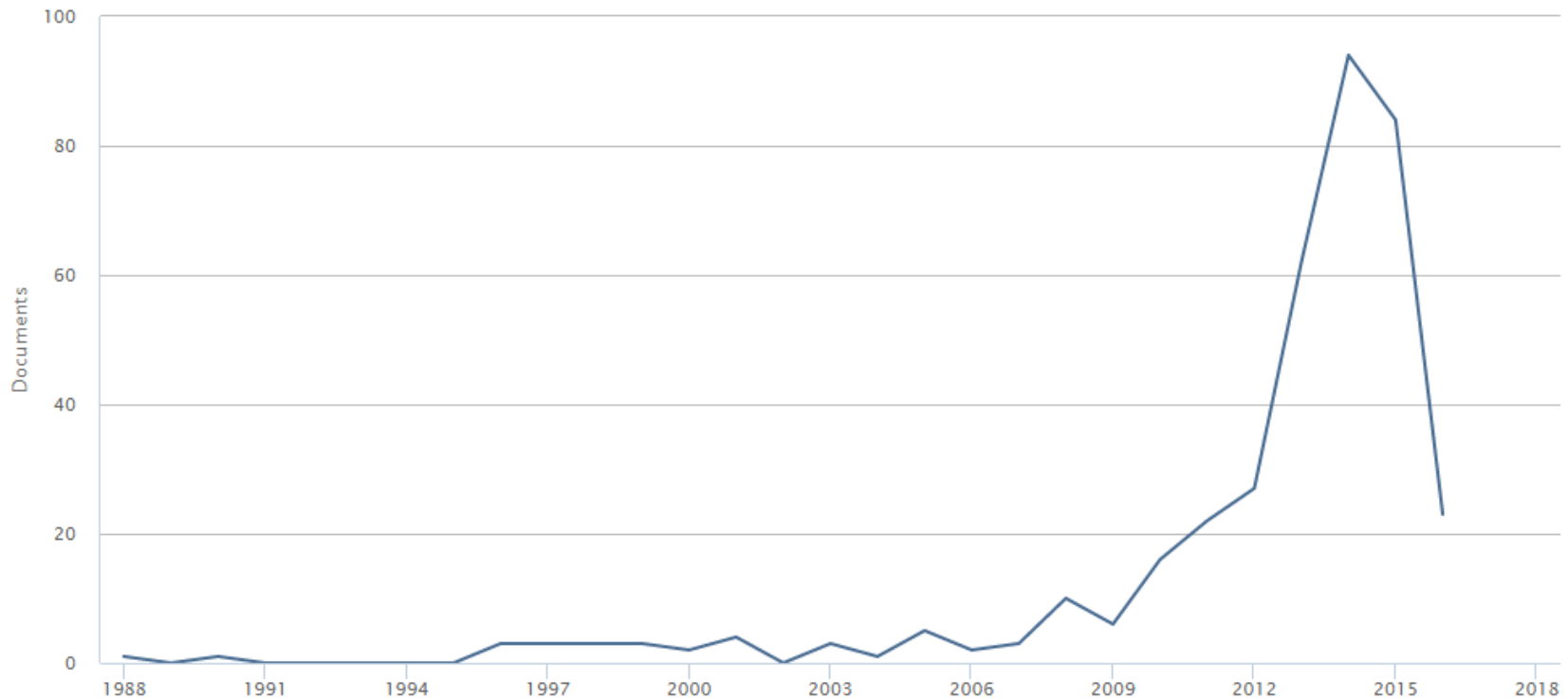
Analyze search results

(TITLE-ABS-KEY ("Palm oil") AND AFFILCOUNTRY (indonesia)) [Back to your search results](#)

378 document results Choose date range to analyze: 1988 to 2016 **Analyze**

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

Documents by year



Analyze Search Results

Analyze search results

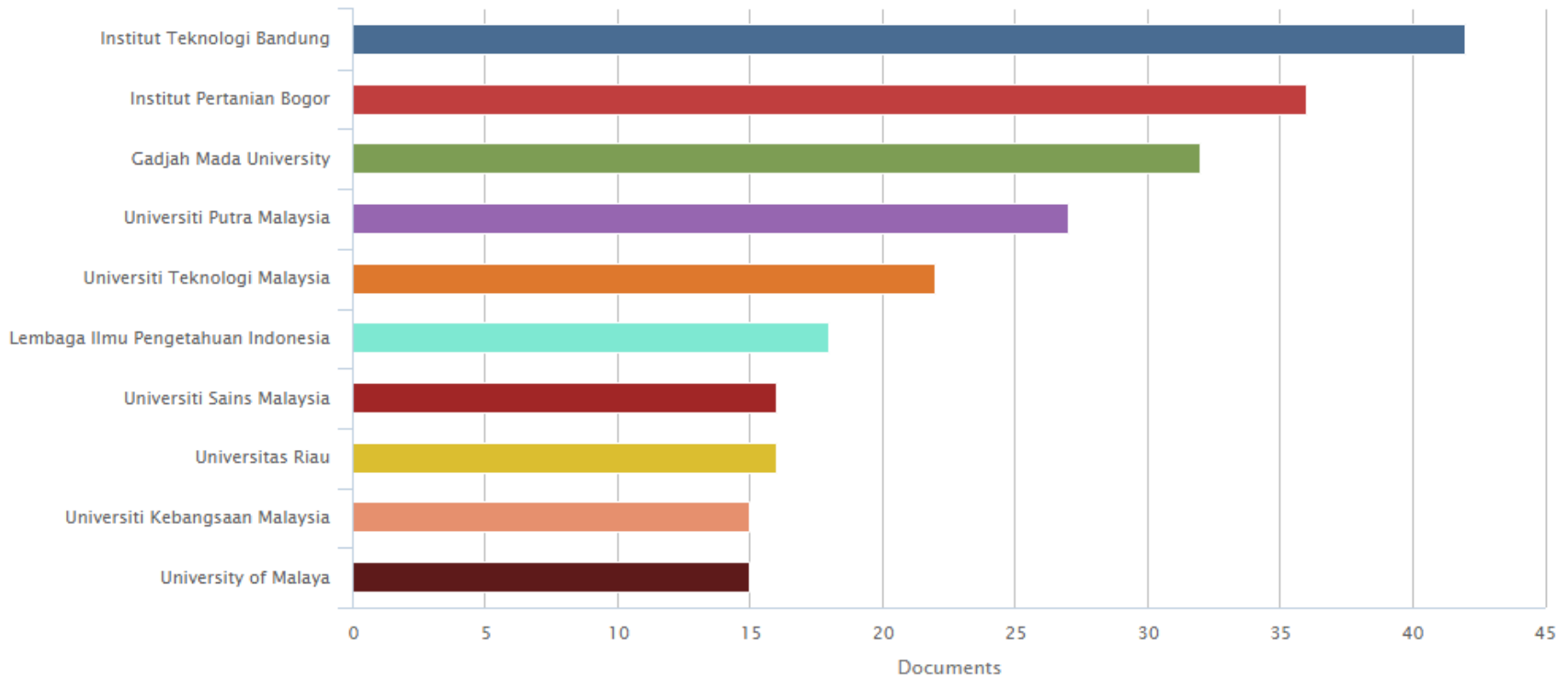
(TITLE-ABS-KEY ("Palm oil") AND AFFILCOUNTRY (indonesia)) [Back to your search results](#)

378 document results Choose date range to analyze: 1988 to 2016 **Analyze**

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

Documents by affiliation

Compare the document counts for up to 15 affiliations



Analyze Search Results

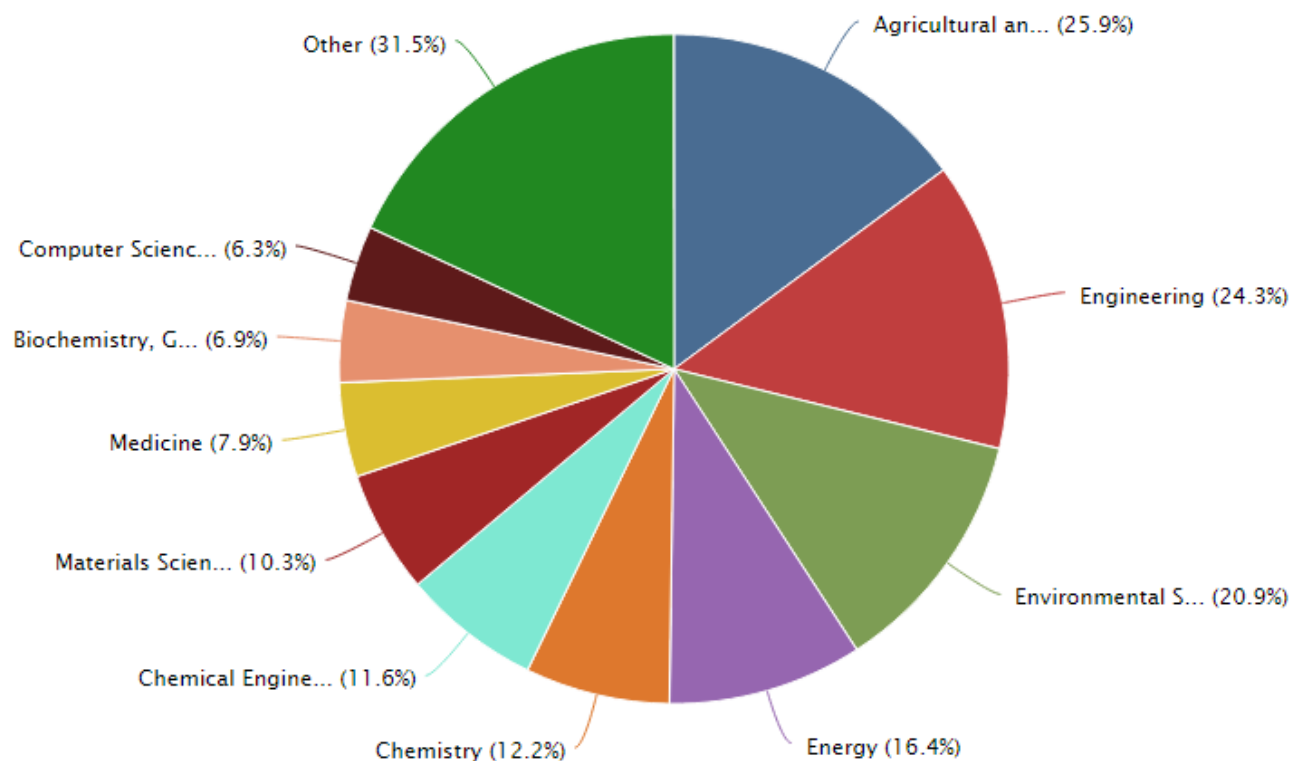
Analyze search results

(TITLE-ABS-KEY ("Palm oil") AND AFFILCOUNTRY (indonesia)) [Back to your search results](#)

378 document results Choose date range to analyze: 1988 to 2016 [Analyze](#)

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

Documents by subject area



Assignment 4



- Search for a topic of interest
- Analyze the search results. Who is the top university in this field?
- What subject areas are represented within this field?

Citation Overview

Analyze Search Results

Search

Alerts

Lists

TITLE-ABS-KEY ("palm oil") Edit | Save | Set alert | Set feed

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Year

- 2016 (239)
- 2015 (1,020)
- 2014 (1,257)
- 2013 (1,058)
- 2012 (808)
- 2011 (759)
- 2010 (608)
- 2009 (454)
- 2008 (384)
- 2007 (371)

Author Name

- Hassan, M.A. (84)
- Masjuki, H.H. (60)
- Bhatia, S. (56)
- Choo, Y.M. (54)
- Jumaat, M.Z. (53)

| | | | |
|--|---|---|-------------------------------------|
| <input checked="" type="checkbox"/> | 1 | Comparison of effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on plasma lipids and lipoproteins in man | Mattson, F.H., Grundy, S.M. |
| <hr/> | | | |
| <input checked="" type="checkbox"/> | 2 | An outlook on microalgal biofuels | Wijffels, R.H., Barbosa, M.J. |
| <input type="button" value="Full Text"/> View at Publisher | | | |
| <input checked="" type="checkbox"/> | 3 | A review of <i>Jatropha curcas</i> : An oil plant of unfulfilled promise | Openshaw, K. |
| <input type="button" value="Full Text"/> View at Publisher | | | |
| <input checked="" type="checkbox"/> | 4 | Importance of biodiesel as transportation fuel | Demirbas, A. |
| <input type="button" value="Full Text"/> View at Publisher | | | |
| <input checked="" type="checkbox"/> | 5 | Substitution rate comparisons between grasses and palms: Synonymous rate differences at the nuclear gene <i>Adh</i> parallel rate differences at the plastid gene <i>rbcl</i> | Gaut, B.S., Morton, B.R., Mcca M.T. |
| <input type="button" value="Full Text"/> View at Publisher | | | |
| <input checked="" type="checkbox"/> | 6 | Kinetics of palm oil transesterification in a batch reactor | Darnoko, D., Cheryan, M. |

Citation Overview

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

Document h-index : 20 Scopus does not have complete citation information for articles published before 1996. [View h-graph](#) ?



Date range: to

Exclude self citations of all authors

Exclude Citations from books

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

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Documents

Citations

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

| | | <2012 | 2012 | 2013 | 2014 | 2015 | 2016 | Subtotal | >2016 | Total |
|----|---|-------|------|------|------|------|------|----------|-------|-------|
| | Total | 3114 | 904 | 1031 | 1049 | 941 | 201 | 4126 | 0 | 7240 |
| 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 |
| 13 | In-depth investigation of biomass pyrolysis based on three m... | 2006 | 89 | 39 | 47 | 60 | 61 | 12 | 219 | 308 |

Exporting Citation Overview

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

Document h-index : 20 Scopus does not have complete citation information for articles published before 1996. [View h-graph](#)



Documents

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| | | | | | | | | | | | |
|----|---|------|-----|----|----|----|----|----|-----------------|-----------------|--------------|
| 1 | Oils and fats as renewable energy sources | 2008 | 86 | 38 | 39 | 43 | 35 | 5 | 160 | 246 | |
| 2 | Competitive liquid biofuels from agricultural waste | 2008 | 109 | 30 | 53 | 51 | 67 | 11 | 212 | 321 | |
| 3 | Importance of algae as a source of renewable energy | 2007 | 144 | 64 | 73 | 65 | 51 | 15 | 268 | 412 | |
| 4 | An outlook on microalgae as a source of renewable energy | 2007 | 140 | 34 | 37 | 35 | 31 | 4 | 141 | 281 | |
| 5 | Indirect land-use change and emissions from bioenergy production | 2006 | 158 | 40 | 35 | 33 | 18 | 9 | 135 | 293 | |
| 6 | Biodiesel production from agricultural waste | 2006 | 140 | 29 | 28 | 24 | 20 | 7 | 108 | 248 | |
| 7 | Utilization of oil palm as a source of renewable energy in Malaysia | 2006 | 89 | 39 | 47 | 60 | 61 | 12 | 219 | 308 | |
| 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 fueled with biodiesel | 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 | |
| | | | | | | | | | Subtotal | >2016 | Total |
| | | | | | | | | | 4126 | 0 | 7240 |
| | | | | | | | | | 285 | | 293 |
| | | | | | | | | | 247 | | 276 |
| | | | | | | | | | 237 | | 252 |
| | | | | | | | | | 566 | | 632 |
| | | | | | | | | | 190 | | 247 |
| | | | | | | | | | 273 | | 353 |

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Hussin, Kamarudin

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

Author ID: 16642513600


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

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Other name formats: Kamarudin, Hussin
Kamarudin
Husin, Kamarudin
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Documents: 266

Citations: 1082 total citations by 688 documents

h-index: 17 

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

Subject area: Engineering , Materials Science [View More](#)

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Documents (266)

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Citations (1083)

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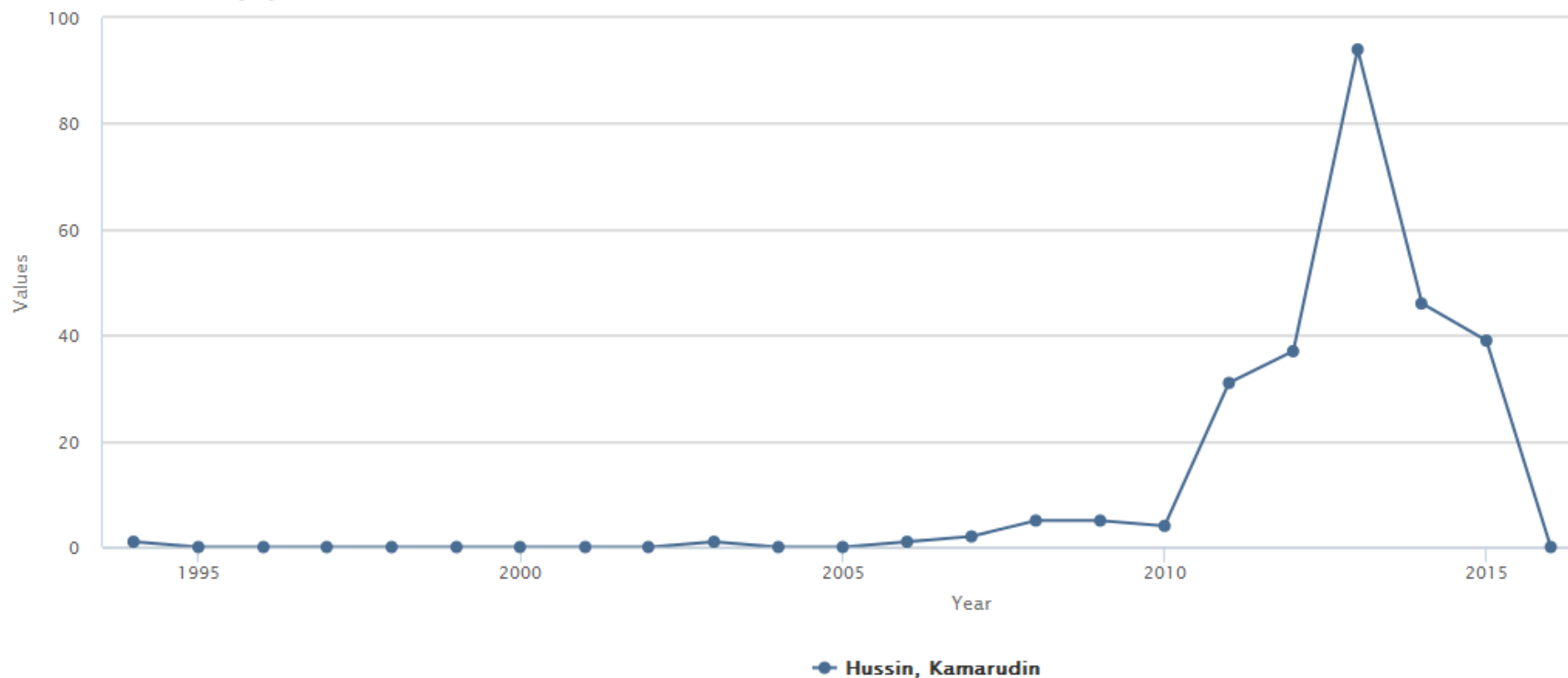
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| Co-author | Co-authored Documents  | Co-author's Total Documents |
|---------------------------------|---|--------------------------------------|
| Abdullah, Mohd Mustafa Al Bakri | 128 | View Total Documents |
| Ghazali, Che Mohd Ruzaidi | 57 | View Total Documents |
| Ismail, Khairul Nizar | 57 | View Total Documents |
| Binhussain, Mohammed A. | 47 | View Total Documents |
| Reshak, A. H. | 46 | View Total Documents |
| Abdul Razak, Rafiza | 37 | View Total Documents |
| Yahya, Zarina | 35 | View Total Documents |
| Auluck, Sushil | 35 | View Total Documents |
| Liew, Liewyun | 25 | View Total Documents |
| Heah, Heahcheng | 24 | View Total Documents |
| Sauli, Z. | 23 | View Total Documents |
| Retnasamy, Vithyacharan | 23 | View Total Documents |
| Jamaludin, S. B. | 22 | View Total Documents |
| Sandu, Andrei Victor | 21 | View Total Documents |




Article Metrics Module

Every article in Scopus has metrics (right bottom)

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, Pairojkul, 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,

 [View additional affiliations](#)

Abstract

[No abstract available]

 [View references \(72\)](#)

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

References (72)

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Keiser, J., Utzinger, J.

1 **Emerging foodborne trematodiasis**

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

[View at Publisher](#)

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

(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.

Cited by 255 documents



Whole transcriptome profiling of adult and infective stages of the trematode *Opisthorchis felinus*
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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Related documents

Opisthorchis viverrini and clonorchis sinensis

(2011) *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans*

Opisthorchis viverrini: The carcinogenic human liver fluke

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

Helminths and malignancy

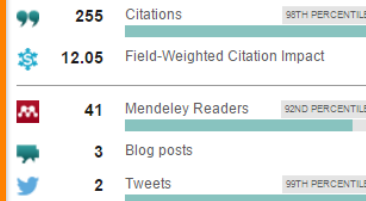
Vennervald, B.J., Polman, K.
(2009) *Parasite Immunology*

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Article Metrics Overview

Liver fluke induces cholangiocarcinoma [Back to article](#)

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

Overview

Citations

Scholarly Activity

Scholarly Commentary

Social Activity

Mendeley, CiteULike, etc.

Blogs, Reviews, Wikipedia, etc.

Twitter, Facebook, etc.

Overview

Citation Count

255

Cited by in Scopus



Field-Weighted Citation Impact

12.05



Citation Benchmarking

98th percentile

Compared to Medicine (all) articles of the same age and document type



Mendeley

41 Readers



Blogs

3 Posts



Wikipedia

5 Mentions



Twitter

2 Tweets



Citations

Liver fluke induces cholangiocarcinoma [Back to article](#)

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Overview

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Citation Count

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Field-Weighted Citation Impact

12.05



Citation Benchmarking

98th percentile



Compared to Medicine (all) articles of the same age and document type



Cited by



Export

255 Citations

Date range: 2011 to 2015

- Exclude self citations
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Edit the data for this graph.

Update

Benchmarking ?

Measures of activity relative to specific research domains, based on cited by in Scopus

Compared to Medicine (all) articles of same age and document type

All Citations



Scholarly Activity

Liver fluke induces cholangiocarcinoma [Back to article](#)

Sripa B., Kaewkes S., Sithithaworn P., Mairiang E., (...), Brindley P.J. (2007) PLoS Medicine, 4(7), pp. 1148-1155

Overview

Citations

Scholarly Activity
Mendeley, CiteULike, etc.

Scholarly Commentary
Blogs, Reviews, Wikipedia, etc.

Social Activity
Twitter, Facebook, etc.

Scholarly Activity

41 readers from 1 source

Indirect measurement of activity by people using scholarly platforms such as Mendeley and CiteULike.

Mendeley



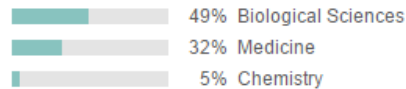
41 Readers

[Save to Mendeley](#)

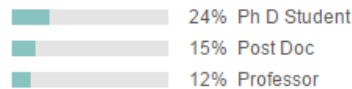
Mendeley Reader demographics

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By discipline

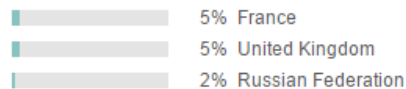


By academic status



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By country



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Map Legend:



Scholarly Commentary

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Overview

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Mendeley, CiteULike, etc.

Scholarly Commentary
Blogs, Reviews, Wikipedia, etc.

Social Activity
Twitter, Facebook, etc.

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

| | | | | | |
|----------|-----------|---|---|-------------------|--|
| Overview | Citations | Scholarly Activity Mendeley, CiteULike, etc. | Scholarly Commentary Blogs, Reviews, Wikipedia, etc. | Mass Media | Social Activity Twitter, Facebook, etc. |
|----------|-----------|---|---|-------------------|--|

Mass Media

46 stories from 38 sources

Coverage of research output in the mass media

SHOP AKADEMIE JOBS MEHR

E-PAPER AUDIO

ZEIT ONLINE

Politik Gesellschaft Wirtschaft Kultur **Wissen** Digital Studium Karriere Reise Sport mehr

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.



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.

Social Activity

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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| Overview | Citations | Scholarly Activity <small>Mendeley, CiteULike, etc.</small> | Scholarly Commentary <small>Blogs, Reviews, Wikipedia, etc.</small> | Mass Media | Social Activity <small>Twitter, Facebook, etc.</small> |
|----------|-----------|--|--|------------|--|

⚙ Social activity

45 mentions from 3 sources

Mentions characterized by rapid, brief engagement on platforms used by the general population, such as Twitter, Facebook, and Google +.

Twitter 

34 Tweets

Facebook 

10 Posts

Google + 

1 Post

Twitter – 34 tweets from 31 accounts

-  **Matthew Todd** @MatToddChem | 20 May
-  **Gavin H Thomas** @GavinHThomas | 20 January
-  **Medard Ernest** @de_meddy | 29 December 2014

Facebook – 10 posts from 10 accounts

-  **Dr. Taing Tek Hong** (គេហទំព័រ និង វេជ្ជ គុណ) on Hello VOA Khmer | 25 April
 ថ្ងៃនេះគឺជា ថ្ងៃអាទិត្យ ថ្ងៃទី២៥ ខែមេសា ឆ្នាំ២០១៥! ខ្ញុំសូមជូនពរ ជោគជ័យដល់ប្រជាជនកម្ពុជា និងប្រជាជនទូទាំងពិភពលោក ក្នុងការប្រយុទ្ធនឹងជំងឺមេរោគម៉ាលេរីយ៉ា។ <http://www.who.int/campaigns/malaria-day/2015/en/>
-  **Epijobs.com** | 04 September 2014
<http://www.nejm.org/doi/full/10.1056/NEJMoa1314981#t=articleResults>

Assignment 4



- Search for “rubber” in Scopus and find the most highly cited article (not book)
- Is this article cited more often than world average? If so, how much more?
- How many readers have added this paper to Mendeley?

Q & A





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