

Research Intelligence

SciVal

Mahidol University

December 2016
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Consultant, Research Management,
Elsevier

Agenda

Part I

- Demonstrative analysis
- Research Metrics
- Non-Performance Variables
- CiteScore



Part II

- Hands on SciVal training
- Setting up organizational structure
- Analysis
- Exercises



Part I

Demonstrative Analysis

Research Workflow & Metrics

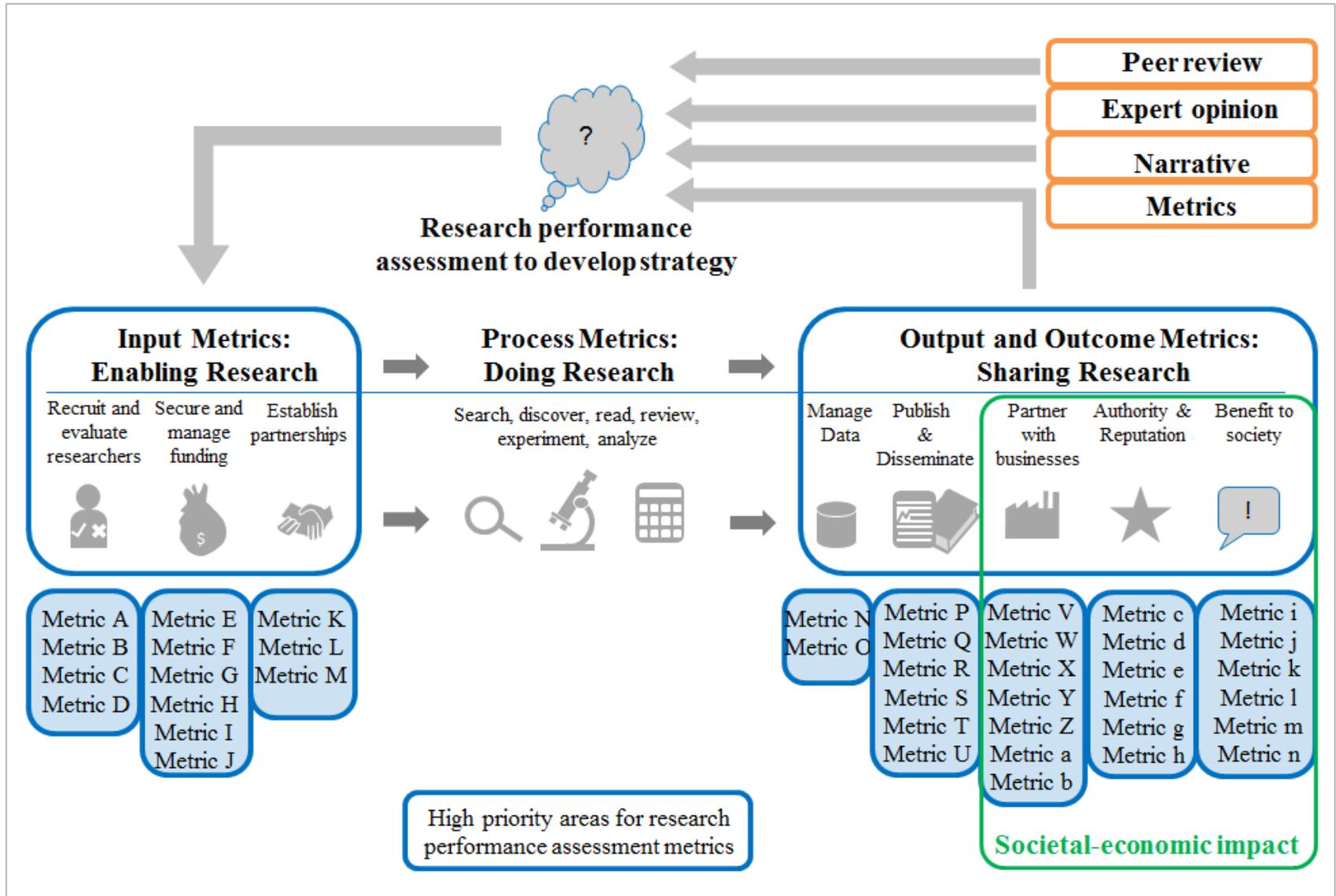


Figure 1 of <http://www.elsevier.com/online-tools/research-intelligence/resource-library/resources/response-to-hefces-call-for-evidence-independent-review-of-the-role-of-metrics-in-research-assessment>

Part I – Demonstrative Analysis

Objective

Demonstrate how analytics from SciVal can help Mahidol University achieve its goals.

Topics

- 1.) What are the key subject strengths & weaknesses of Mahidol?
- 2.) How well is our Faculty of Medical Technology doing?
- 3.) Who are the top performing researchers of Faculty of Medical Technology?
- 4.) How much do the researchers in Faculty of Medical Technology publish in top quality journals?
- 5.) How has Mahidol's research contributed to Innovation?
- 6.) How does Mahidol publication output compare to other Thai Institutions?
- 7.) Who are the key collaboration partners of Mahidol?
- 8.) How well does Mahidol perform in "Dengue Vaccine" research?
- 9.) Who are the top performing institutions and researchers "Dengue Vaccine" research in

1.) What are the key subject strengths & weaknesses of Mahidol?

MahidolUniversity

Overview
Module

Mahidol University

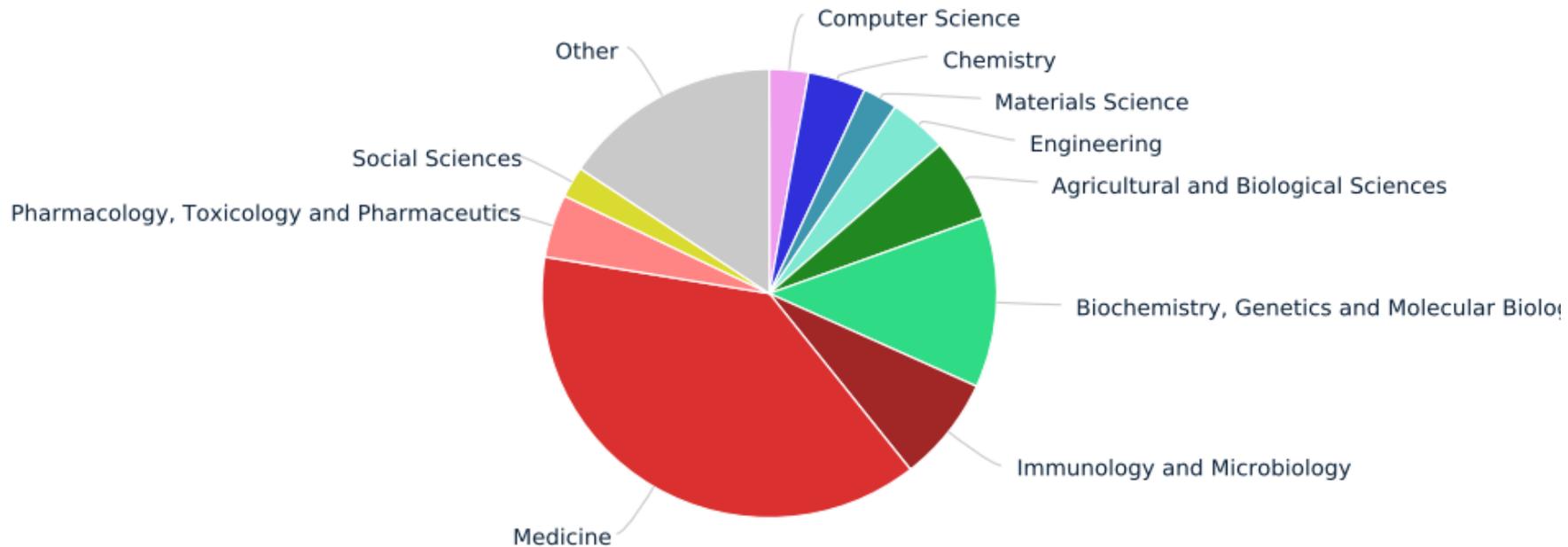
Year range: 2011 to 2015

Mahidol's research is cited 10% more than world average level

SciVal

Publications	Citations	Authors	Field-Weighted Citation Impact	Citations per Publication
9,887 ▲	72,257	8,251 ▲	1.10	7.3

Publications by Subject Area



Mahidol Top Subject areas

2011 to 2015 ▼

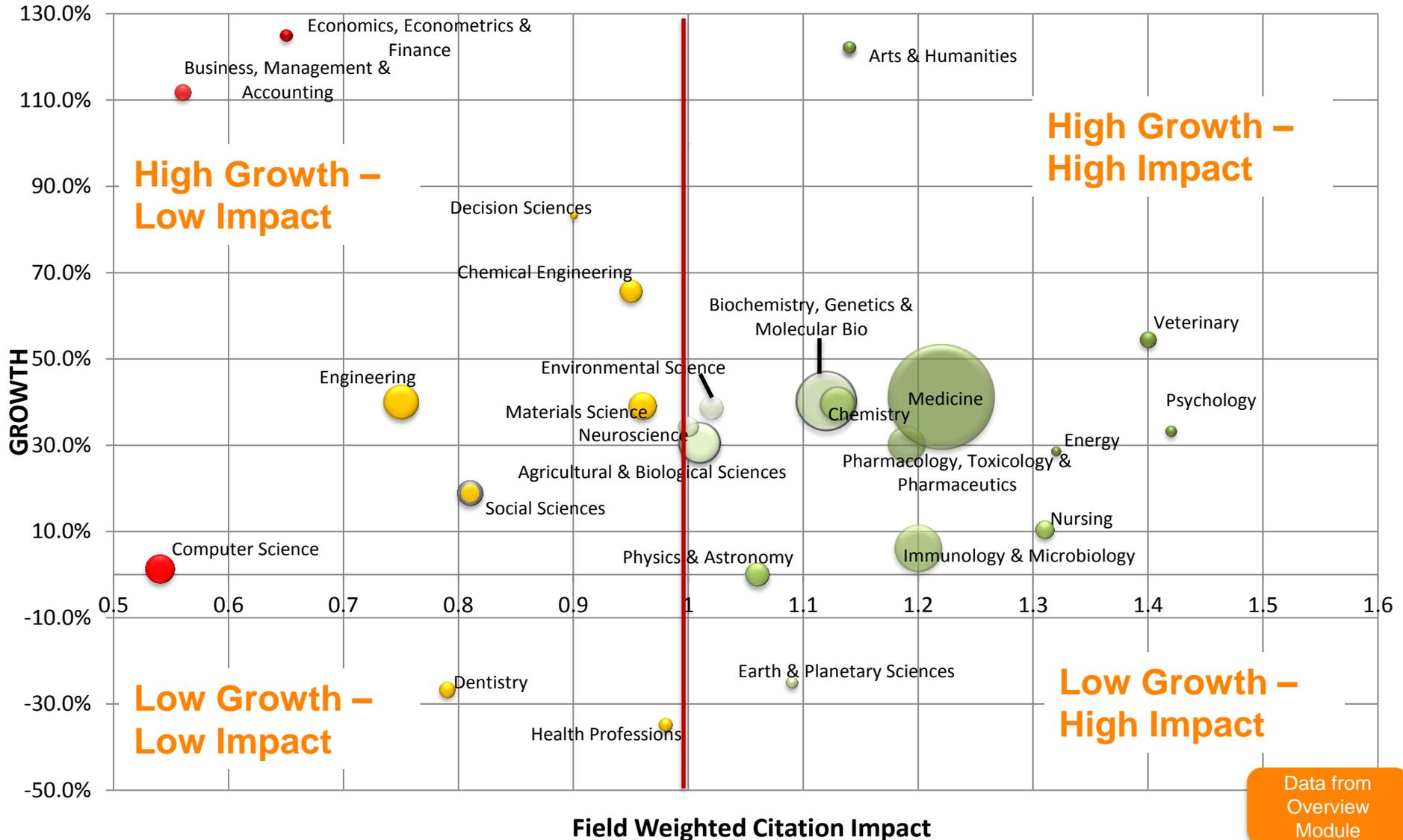
no subject area filter selected ▼

Subject Area	Publications ▼	Field-Weighted Citation Impact
▼  Mahidol University	9,887 ▲	1.10
▶ Medicine	6,232 ▲	1.22
▶ Biochemistry, Genetics and Molecular Biology	2,007 ▲	1.12
▶ Immunology and Microbiology	1,229 ▲	1.20
▶ Agricultural and Biological Sciences	974 ▲	1.01
▶ Pharmacology, Toxicology and Pharmaceutics	742 ▲	1.19
▶ Engineering	674 ▲	0.75
▶ Chemistry	667 ▲	1.13
▶ Computer Science	454 ▲	0.54
▶ Materials Science	404 ▲	0.96
▶ Social Sciences	363 ▲	0.81
▶ Physics and Astronomy	316	1.06
▶ Environmental Science	298 ▲	1.02
▶ Chemical Engineering	277 ▲	0.95
▶ Mathematics	258 ▼	0.38
▶ Neuroscience	207 ▲	1.00

Output, Impact & Growth by Subject

Bubble size = # publications
 X-axis = FWCI
 Y-axis = Growth (publications)

World Field Weighted



2.) How well is Mahidol Faculty of Medical Technology?

Overview
Module

Mahidol– Faculty of Medical Technology

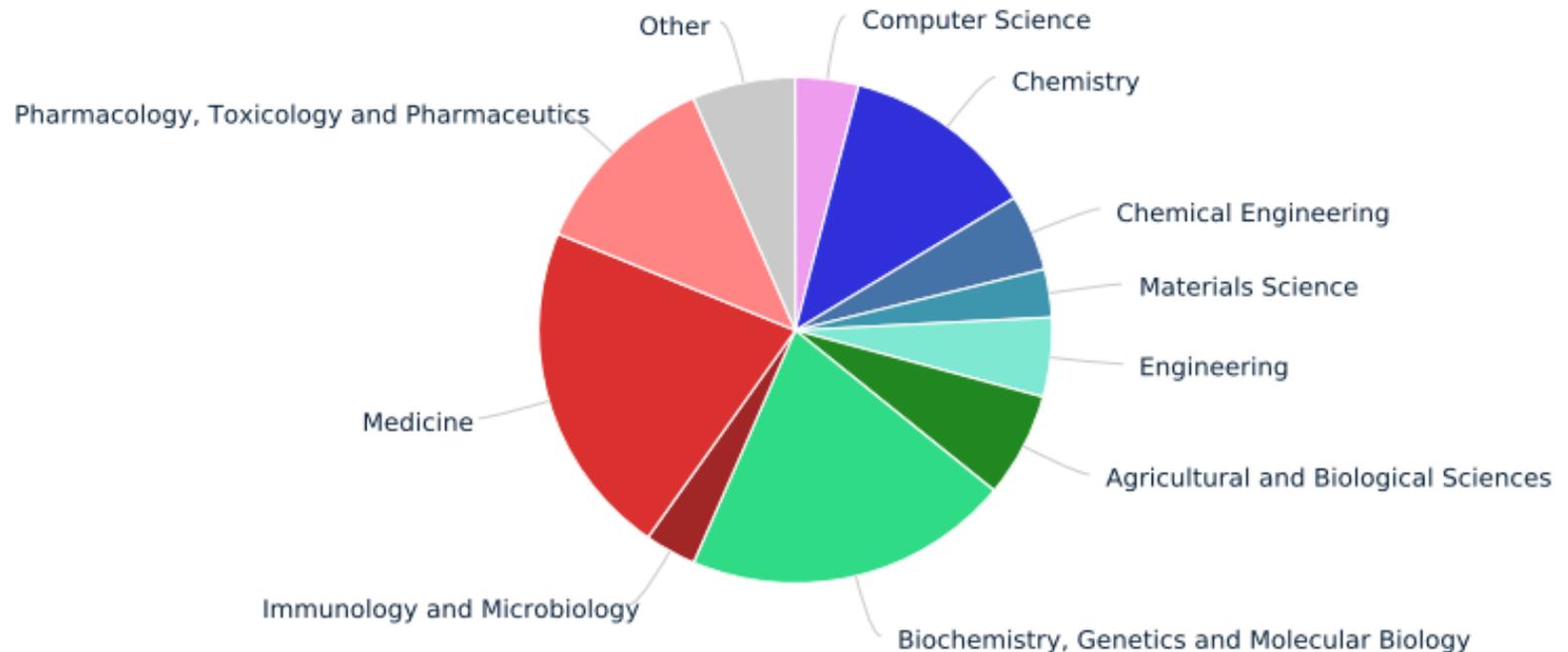
Faculty of Medical Technology, MU

SciVal

Year range: 2011 to 2015

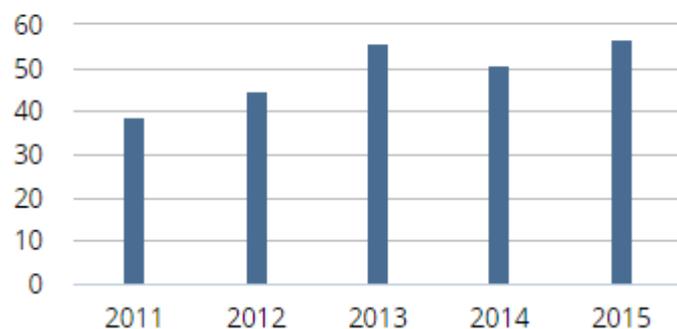
Publications	Citations	Researchers	Field-Weighted Citation Impact	Citations per Publication
248 ▲	2,467	63 ▲	1.18	9.9

Publications by Subject Area

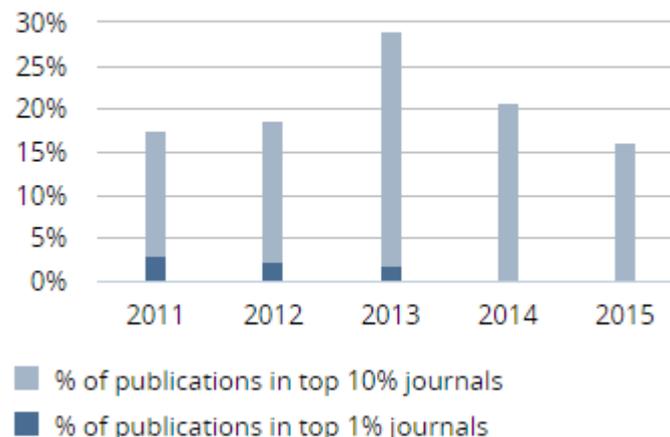


Mahidol– Faculty of Medical Technology

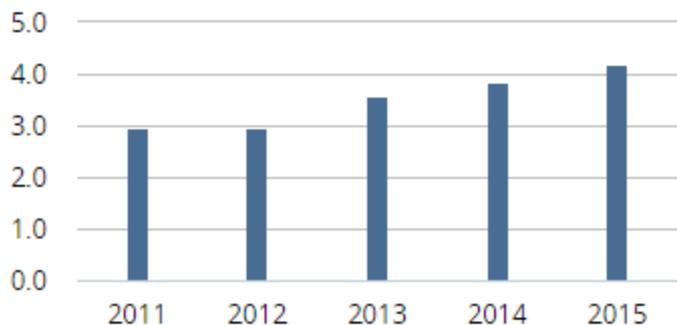
Scholarly Output



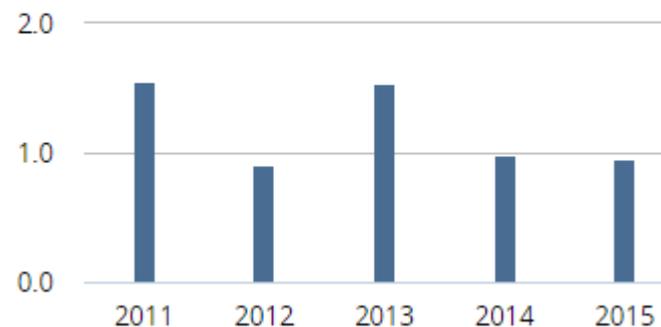
Publications in Top Journal Percentiles



Field-Weighted View Impact



Field-Weighted Citation Impact



3.) Who are Faculty of Medical Technology's top performing Researchers?

Highest Impact Researchers

Faculty of Medical Technology, MU

[View data sources](#)

2011 to 2015 ▾

no subject area filter selected ▾

ASJC

Summary

Collaboration

Published

Viewed

Cited

Economic Impact

Researchers

Researchers

Export ▾

Shortcuts ▾

Name	Publications	Most recent publication	Field-Weight ▾	<i>h</i> -index
1.  Chan-On, Waraporn	8	2015	7.23	6
2.  Kittiniyom, Kanokwan	1	2011	2.79	5
3.  Patmasiriwat, Pimpicha	7	2015	2.47	10
4.  Wonglumsom, Wijit	3	2015	2.18	5
5.  Apilux, Amara	7	2015	2.14	6
6.  Dakeng, Sumana	3	2013	1.70	5
7.  Srungboonmee, Kakanand	4	2015	1.54	2
8.  Nantasenamat, Chanin	52	2015	1.46	20
9.  Tantimongcolwat, Tanawut	3	2015	1.31	9
10.  Promkan, Moltira	4	2013	1.29	5

Overview
Module

Each Author has a Profile

 **Nantasenamat, Chanin**

Scopus author ID: 12039071300 | [View in Scopus ↗](#)

Publications

82

 [View list of publications](#)

Citations

1,163

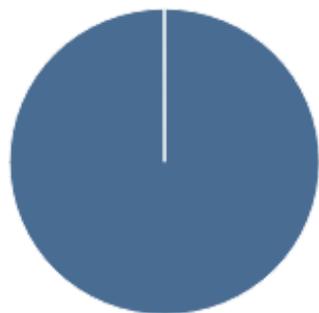
Citations per Publication

14.2

h-index

20

Publications by Institution



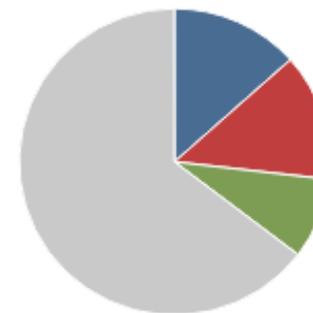
 Mahidol University (100.0%)

Publications by Subject Area



 Drug Discovery (12.3%)
 Organic Chemistry (9.4%)
 Pharmacology (8.7%)
 Other (69.6%)

Publications by Scopus Source



 European Journal of Medicinal ... (13.4%)
 EXCLI Journal (13.4%)
 Chemometrics and Intelligent ... (8.5%)
 Other (64.6%)

**4.) How much do the Departments
in Faculty of Medical Technology
publish in top quality journals?**

Faculty of Medical Technology Departments ranked by %papers in Top Quality Journals

Entity	Scholarly Output	Publications in Top 10 Journal Percentiles (%) 
 Center for Innovation Dev&Technol Transfer,MT MU	75	25.8
 Dept. of Clinical Microscopy,MT MU	40	20.0
 Center of Data Mining&Biomedical Informatics,MT MU	72	17.4
 Dept. of Clinical Chemistry,MT MU	29	17.2
 Dept. of Clinical Microbiology&Applied Tech,MT MU	120	16.4
 Dept. of Parasitology & Community Health,MT MU	8	12.5
 Center for Med Technol&Quality Improvement,MT MU	5	0.0

5.) How has Mahidol's research contributed to Innovation?

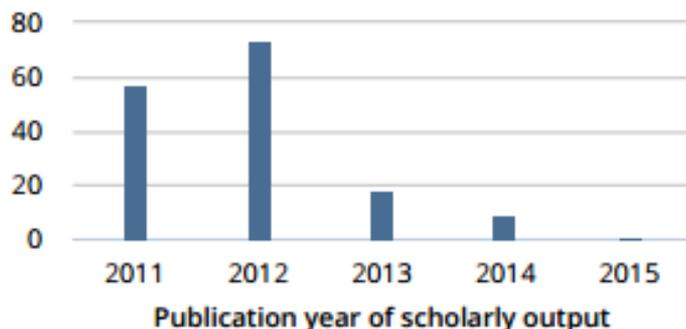
Overview
Module

Patent to Article citations for Mahidol

Summary	Awarded Grants	Collaboration	Published	Viewed	Cited	Economic Impact
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Patent office

Citing-Patents Count



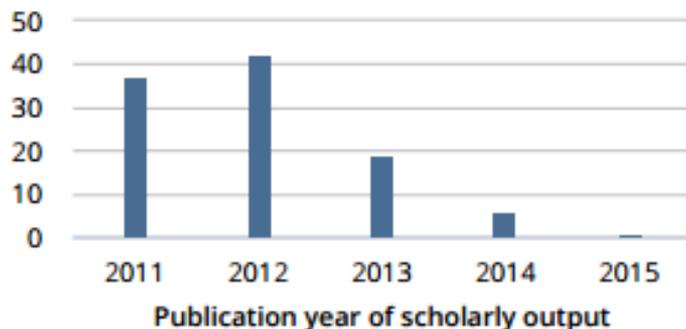
149

count of patents citing the scholarly output published by Mahidol University

[View list of patents](#)

[Learn more about this metric >](#)

Patent-Cited Scholarly Output



105

count of scholarly outputs by Mahidol University that have been cited in patents

[View list of publications](#)

[Learn more about this metric >](#)

Overview
Module

Patents citing Mahidol scientific papers

Title	Inventors	Applicants/Owners	Publication year of patents	Patent office	Cited Scholarly Outputs
<p>Bibliographic data: WO2009144551 (A2) — 2009-12-03</p>					
<p>★ In my patents list ➤ EP Register 🗑 Report data error Print</p>					
<p>USE OF DRONEDARONE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, FOR THE PREPARATION OF A MEDICAMENT FOR REGULATING THE POTASSIUM LEVEL IN THE BLOOD</p>					
<p>Page bookmark WO2009144551 (A2) - USE OF DRONEDARONE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, FOR THE PREPARATION OF A MEDICAMENT FOR REGULATING THE POTASSIUM LEVEL IN THE BLOOD</p>					
<p>Inventor(s): RADZIK DAVIDE [FR]; VAN EICKELS MARTIN [DE] ±</p>					
<p>Applicant(s): SANOFI AVENTIS [FR]; RADZIK DAVIDE [FR]; VAN EICKELS MARTIN [DE] ±</p>					
<p>Classification: - international: A61K31/343; A61P9/04 - cooperative: A61K31/343</p>					
<p>Application number: WO2009IB05605 20090416 Global Dossier</p>					
<p>Priority number(s): FR20080003525 20080624 ; US20080045995P 20080418</p>					
<p>Also published as: WO2009144551 (A3) FR2930150 (A1) FR2930150 (B1) ➔ ZA201007391 (B) ➔ UY31768 (A) ➔ more</p>					
<p>Abstract of WO2009144551 (A2)</p>					
<p>Translate this text into <input type="text" value="Select language"/> patenttranslate powered by EPO and Google</p>					
<p>Use of dronedarone or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for use in regulating the potassium level in the blood.</p>					

6.) How does Mahidol's publication output compare to other Thai Institutions?

2011 to 2015 ▼

no subject area filter selected ▼

Top 15 Institutions in Thailand

Institution	Publications ▼	Field-Weight ▼
1.  Mahidol University	9,887 ▲	1.10
2. Chulalongkorn University	9,584 ▲	1.00
3. Chiang Mai University	5,514 ▲	1.00
4. Kasetsart University	4,704 ▲	0.78
5. Khon Kaen University	4,644 ▲	0.93
6. Prince of Songkla University	4,083 ▲	1.00
7. King Mongkut's University of Technology Thonburi	3,146 ▼	1.09
8. National Science and Technology Development Agency Thailand	3,125 ▼	1.02
9. King Mongkut's Institute of Technology Ladkrabang	2,967 ▲	0.79
10. Thammasat University	2,866 ▲	0.82
11. Suranaree University of Technology	1,869 ▲	0.94
12. Asian Institute of Technology	1,485 ▼	0.87
13. King Mongkut's University of Technology North Bangkok	1,437 ▲	0.80
14. Mahasarakham University	1,348 ▼	0.68
15. Naresuan University	1,263 ▲	0.87

7.) Who are the key collaboration partners of Mahidol?

Mahidol top collaboration partners

Worldwide ▾

All sectors ▾

🏢 2,104 collaborating Institutions 📄 6,078 co-authored publications

Institution	Co-authored publications ▾	Field-Weighted C... ⚙️ ▾
 Chulalongkorn University	632 ▾	0.97
 University of Oxford	490 ▲	2.84
 National Science and Technology Development Agency Thailand	456 ▲	1.04
 Thailand Ministry of Public Health	353 ▲	2.06
 Chiang Mai University	318 ▲	0.94
 Khon Kaen University	303 ▲	1.15
 Thammasat University	288 ▲	0.97
 Kasetsart University	213 ▲	0.88
 Prince of Songkla University	193 ▲	1.27
 Srinakharinwirot University	163 ▾	0.95
 University College London	144 ▲	4.21
 Harvard University	123 ▲	4.70
 London School of Hygiene and Tropical Medicine	121 ▲	4.02
 Burapha University	116 ▾	0.79
 Armed Forces Research Institute of Medical Sciences, Thailand	114 ▲	4.11

8.) How much does Mahidol collaborate with Industry?

Mahidol top corporate collaboration partners

Worldwide ▾

Corporate ▾

reset filter

🏢 67 collaborating Institutions 📄 196 co-authored publications

Institution	Co-authored publications	Field-Weighted C...  ▾
 Novartis	30 ▲	3.01
 Novartis USA	25 ▲	4.32
 GlaxoSmithKline	24	5.79
 Merck	19 ▲	8.86
 Sanofi-Aventis	15 ▼	15.35
 Abbott Laboratories	6	3.01
 Novo Nordisk AS	6 ▲	5.18
 Pfizer	6 ▲	8.69
 Agilent Technologies	5	0.70
 Genentech Incorporated	5 ▲	13.85
 New York Blood Center	4 ▲	18.67
 AstraZeneca	3 ▲	16.26
 Boehringer Ingelheim GmbH	3	5.33
 Bristol-Myers Squibb	3 ▼	4.41
 Dow Chemical	3 ▼	1.56

8.) How well does Mahidol perform in “Dengue Vaccine” research?

Mahidol in *Dengue Vaccine* Research

dengue AND vaccine

[View data sources](#)

2011 to 2015

no subject area filter selected

ASJC

Summary

Published

Viewed

Cited

Economic Impact

Authors

Institutions

Research performance

Mahidol University has 53 publications in this Research Area

Publications

53 ▲

Citations

1,185

Authors

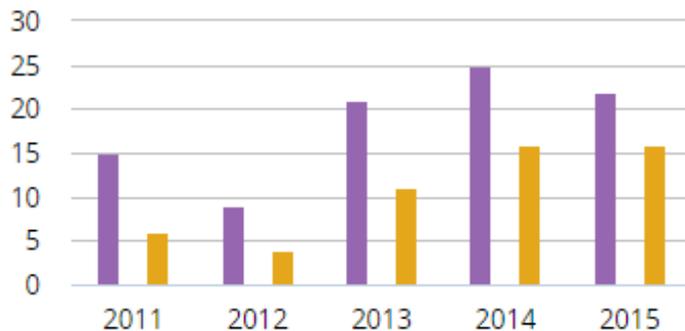
66 ▲

Field-Weighted Citation Impact

4.35

[View list of publications](#)

Scholarly Output



	Publications
<input type="checkbox"/> Worldwide	1,134
<input type="checkbox"/> Asia Pacific	514
<input checked="" type="checkbox"/> Thailand	92
<input checked="" type="checkbox"/> Mahidol University	53

9.) Who are the top performing institutions and researchers Dengue Vaccine research in the World?

Top Dengue Vaccine Research Institutes in the World

dengue AND vaccine

[View data sources](#)

2011 to 2015 ▼

no subject area filter selected ▼

ASJC

Summary

Published

Viewed

Cited

Economic Impact

Authors

Institutions

Most active Institutions in this Research Area

Export ▼

Shortcuts ▼

Show top 10 contributing Institutions (worldwide) ▼ in this Research Area, by number of publications

Institution

Publications ▼

Field-Weight ▼

1.	  Mahidol University	53 ▲	4.35
2.	 National University of Singapore	47 ▲	4.54
3.	 Centers for Disease Control and Prevention	46 ▼	2.38
4.	 National Institutes of Health	41 ▲	2.41
5.	 Sanofi-Aventis	40 ▲	8.85
6.	 Johns Hopkins University	40 ▲	3.02
7.	 University of Oxford	34 ▲	5.58
8.	 Walter Reed Army Institute of Research	32 ▲	2.50
9.	 Armed Forces Research Institute of Medical Sciences, Thailand	30	4.35
10.	 Fundacao Oswaldo Cruz	30 ▲	1.37

Research Metrics

Metrics

Productivity metrics

 Scholarly Output
 *h*-indices (*h*, *g*, *m*)

Citation Impact metrics

 Citation Count
 Citations per Publication
 Cited Publications
 *h*-indices (*h*, *g*, *m*)
 Field-Weighted Citation Impact
 Publications in Top Percentiles
 Publications in Top Journal Percentiles
 Collaboration Impact (geographical)
 Academic-Corporate Collaboration Impact

Societal Impact metrics

Mass Media Mentions
 Media Exposure
 Field-Weighted Mass Media

Input metrics

 Awarded Grants

Collaboration metrics

Authorship Count
 Number of Citing Countries
 Collaboration (geographical)
 Academic-Corporate Collaboration

Disciplinary metrics

Journal count
 Journal category count

Views metrics

Views
 Views per publication
 Field-Weighted Views Impact

Economic Impact metrics

Citing Patents
 Patent-Cited Scholarly Output
 Patent-Citations Count
 Patent-Citations per Scholarly Output

Journal Metrics

CiteScore

SJR
 SNIP

Non-Performance Variables

When making comparisons, we must take into consideration “Non-performance variables”

Size

Discipline

Publication-type

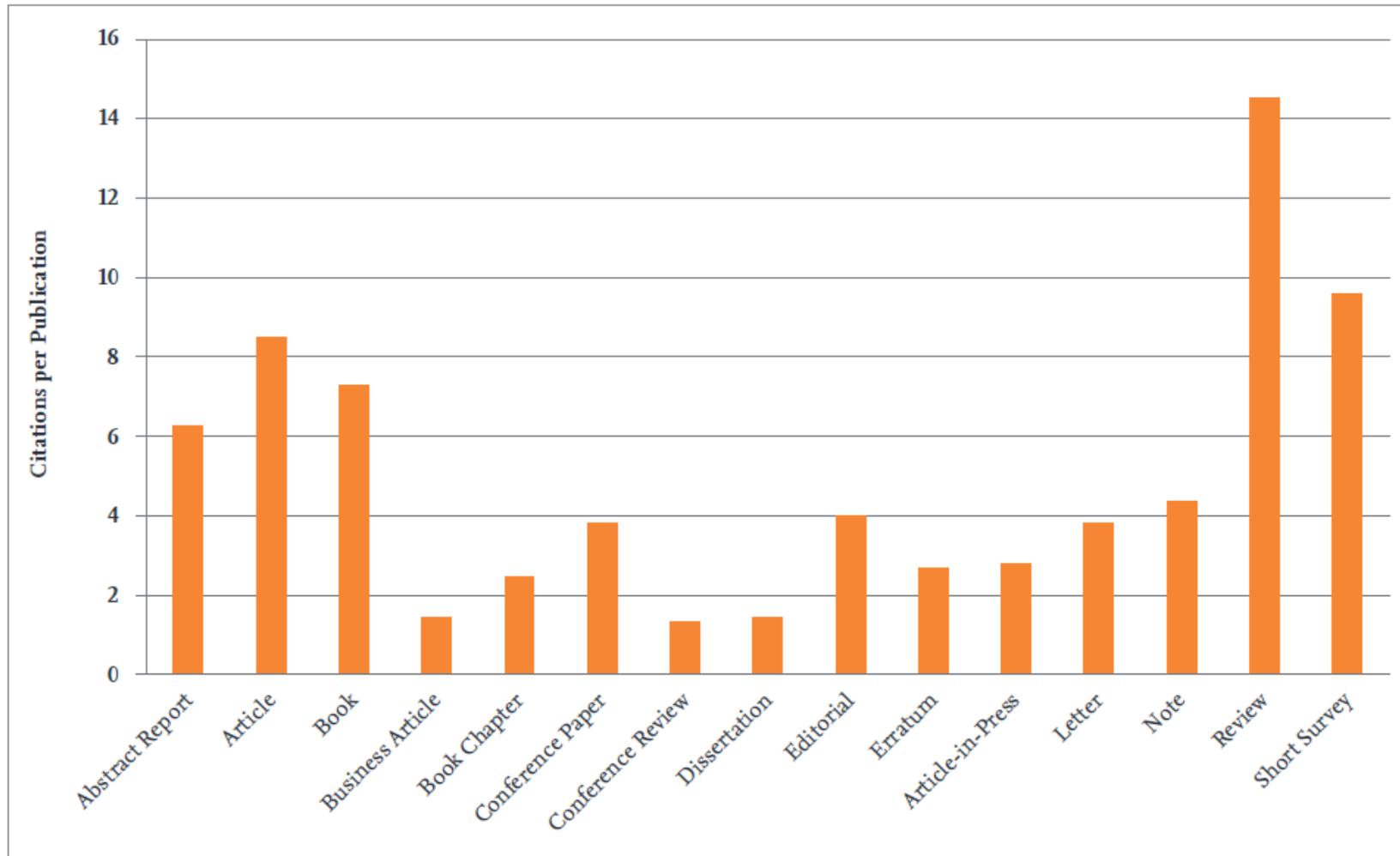
Database coverage

Manipulation

Time

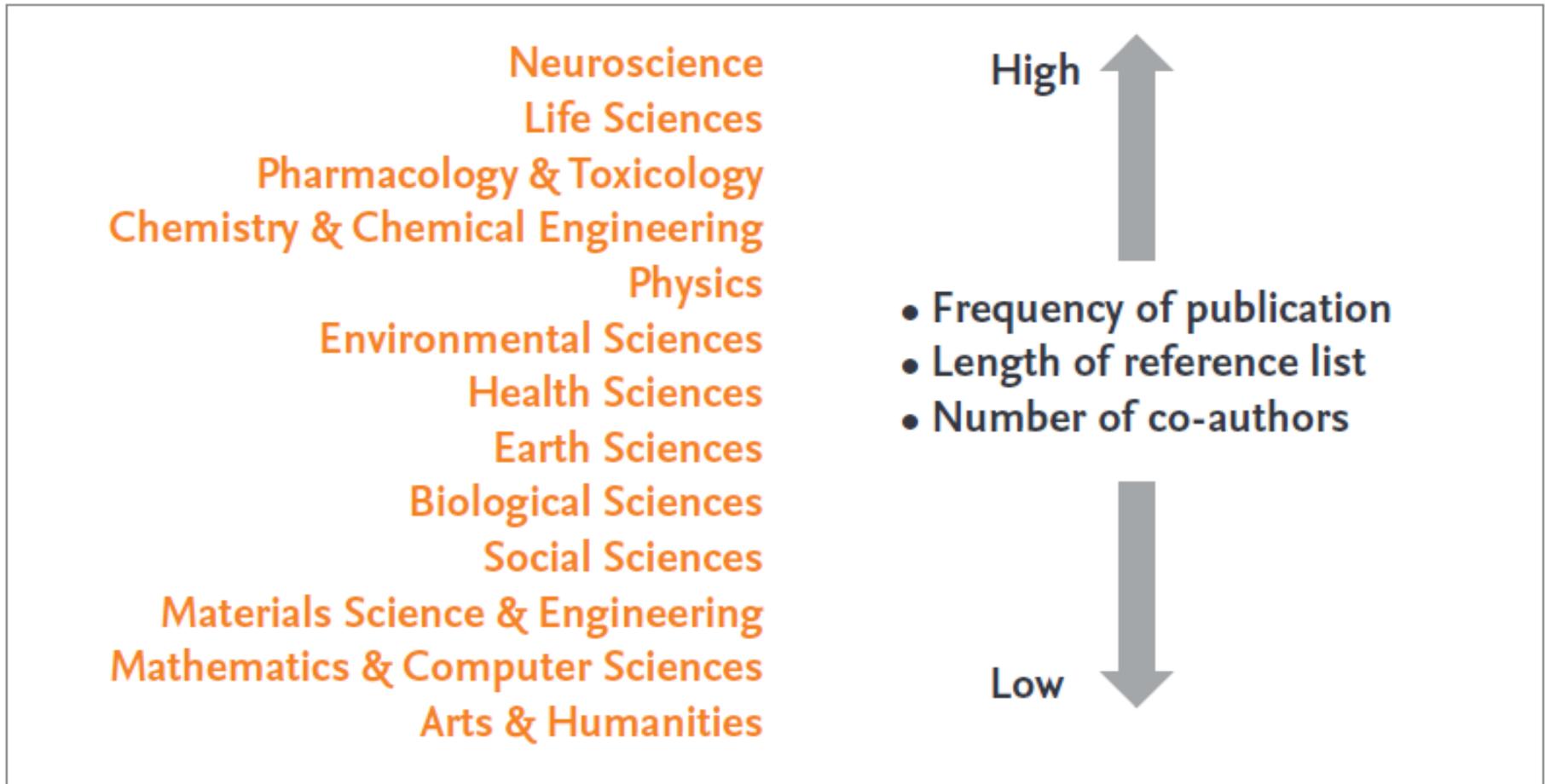
In some cases the difference in a metric value between two entities (authors for example) might not reflect a difference in performance. Instead the difference can be caused by non-performance variables.

Publications types receive differing levels of citations



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

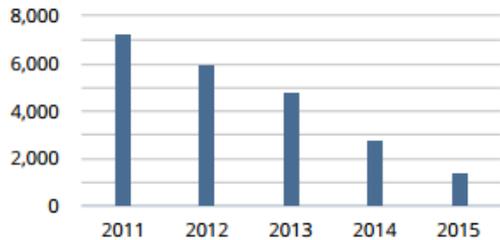
Citation practices differ between disciplines



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

Size and Time

Citation Count



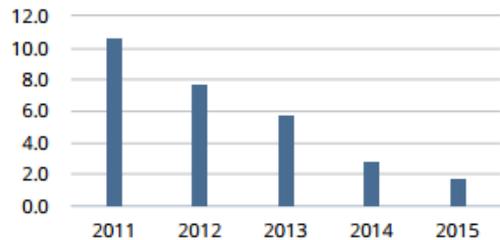
22,233

number of citations received by publications at Prince of Songkla University

Do you think the declining trend is indicative of a decrease in quality or is it caused by a non-performance variable?

Citation count is directly related to volume

Citations per Publication

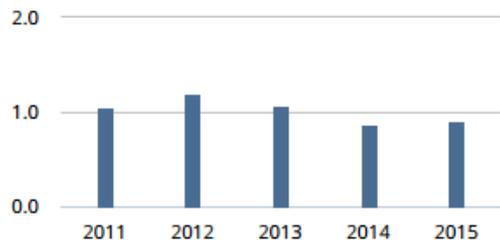


5.4

average number of citations per publication at Prince of Songkla University

CPP normalizes for differences in publication volume

Field-Weighted Citation Impact



1.00

Field-Weighted Citation Impact of Prince of Songkla University

FWCI normalizes for subject area, document type, and time

Please don't be shy...

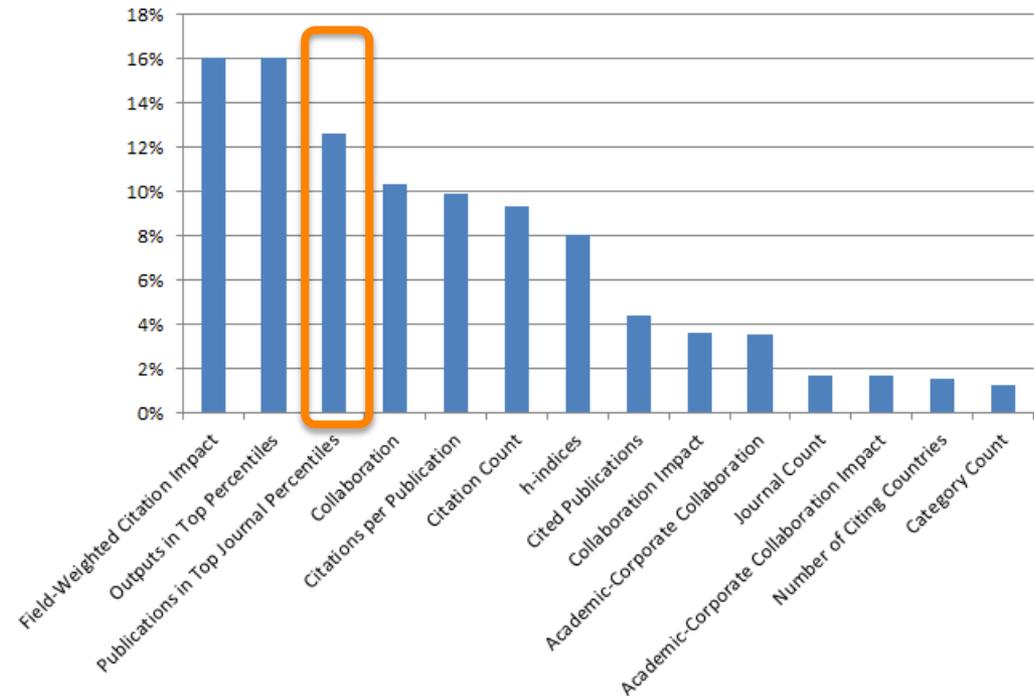
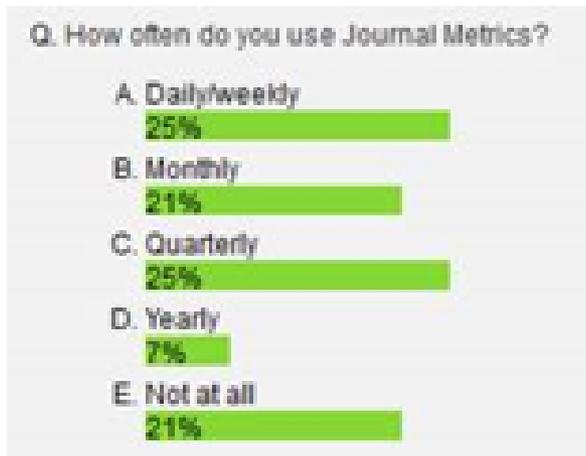




CiteScore

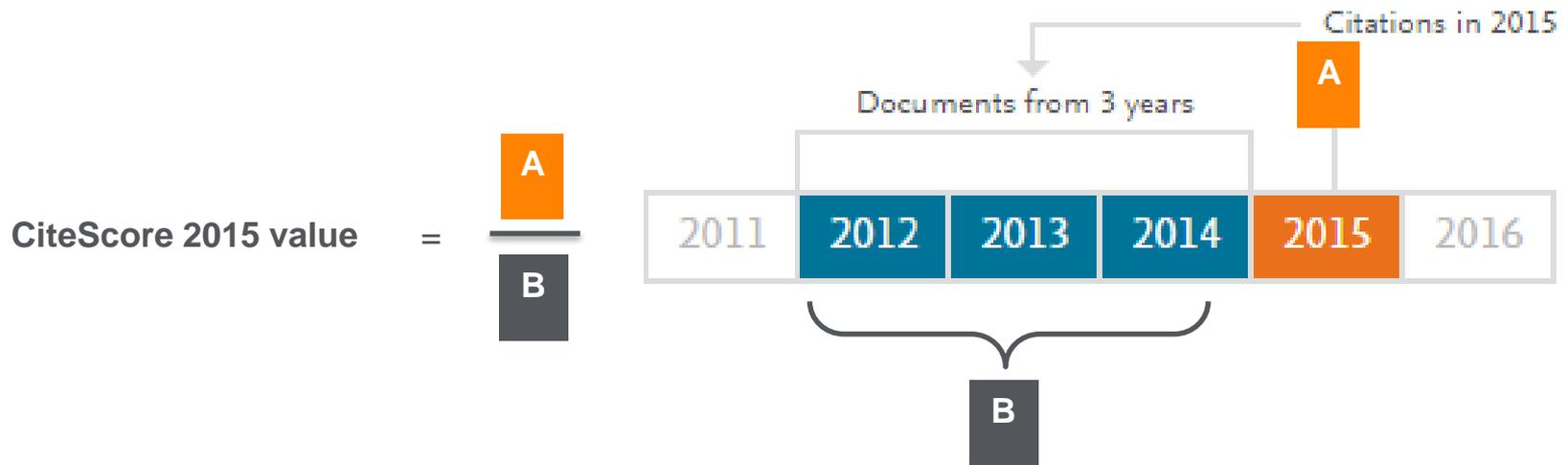
Serial title metrics are important!

- Serial title metrics are still important complements to new and alternative metrics



- Many serial titles are missing transparent and replicable metrics that are easy to access
- SNIP & SJR are complex and difficult to replicate
- We have introduced CiteScore to compliment them

CiteScore is a simple metric for all Scopus serial titles



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

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

Scopus Search Sources Alerts Lists Help **Register** Sign in ☰

Source details Feedback > Compare sources >

Journal of Biomedical Science
Open Access ⓘ
 Scopus coverage years: from 1993 to Present
 Library subscription: from January 2009 to December 2009
 Publisher: BioMed Central
 ISSN: 1021-7770 E-ISSN: 1423-0127
 Subject area: Medicine: Biochemistry (medical) ∨

[Set document alert](#) [Journal Homepage](#) [Webcat Plus](#) [Copac](#) [More >](#)

Visit Scopus Journal Metrics >

CiteScore 2015 ⓘ
3.07

SJR 2015 ⓘ
1.632

SNIP 2015 ⓘ
1.560

CiteScore CiteScore rank & trend Scopus content coverage

CiteScore **2015** ∨ Calculated on 03 June, 2016

3.07 = $\frac{\text{Citation Count 2015}}{\text{*Documents 2012-2014}}$ = $\frac{913 \text{ citations}}{297 \text{ documents}}$

* CiteScore includes all available document types [View CiteScore methodology >](#)

CiteScore rank
 In category: **Biochemistry (medical)** ∨
Percentile: 84th Rank: #9/56 >

[View CiteScore trends >](#)

CiteScore Tracker 2016 Last updated on 29 September, 2016
 Updates monthly

1.76 = $\frac{\text{Citation Count 2016}}{\text{Documents 2013-2015}}$ = $\frac{581 \text{ citations to date >}}{330 \text{ documents to date >}}$

Journalmetrics.scopus.com website

Static values 2011-2015 for reporting, showcasing and exporting

Powered by **Scopus** Help ▼

Journal Metrics
Get involved ▶

Introducing CiteScore metrics for serials

We are proud to introduce CiteScore metrics from Scopus – comprehensive, current and free metrics for serial titles in Scopus. Search or filter below to find the sources of interest and see the new metrics. Report using these annual metrics and track the 2016 metrics via the links to each title's Scopus source details page.

Be sure to use qualitative as well as the below quantitative inputs when presenting your research impact, and always use more than one metric for the quantitative part.

Documents from 3 years

Citations in 2015

Refine titles ⓘ Advanced
[Download metrics on this page](#) [Download all](#)

Refine by subject areas... 🔍

Search titles... 🔍

2015 ▼

Search publishers... 🔍

Display titles with min. 0

Documents ▼

Select source types... ▼

Select quartiles... ▼

Display only Open Access titles

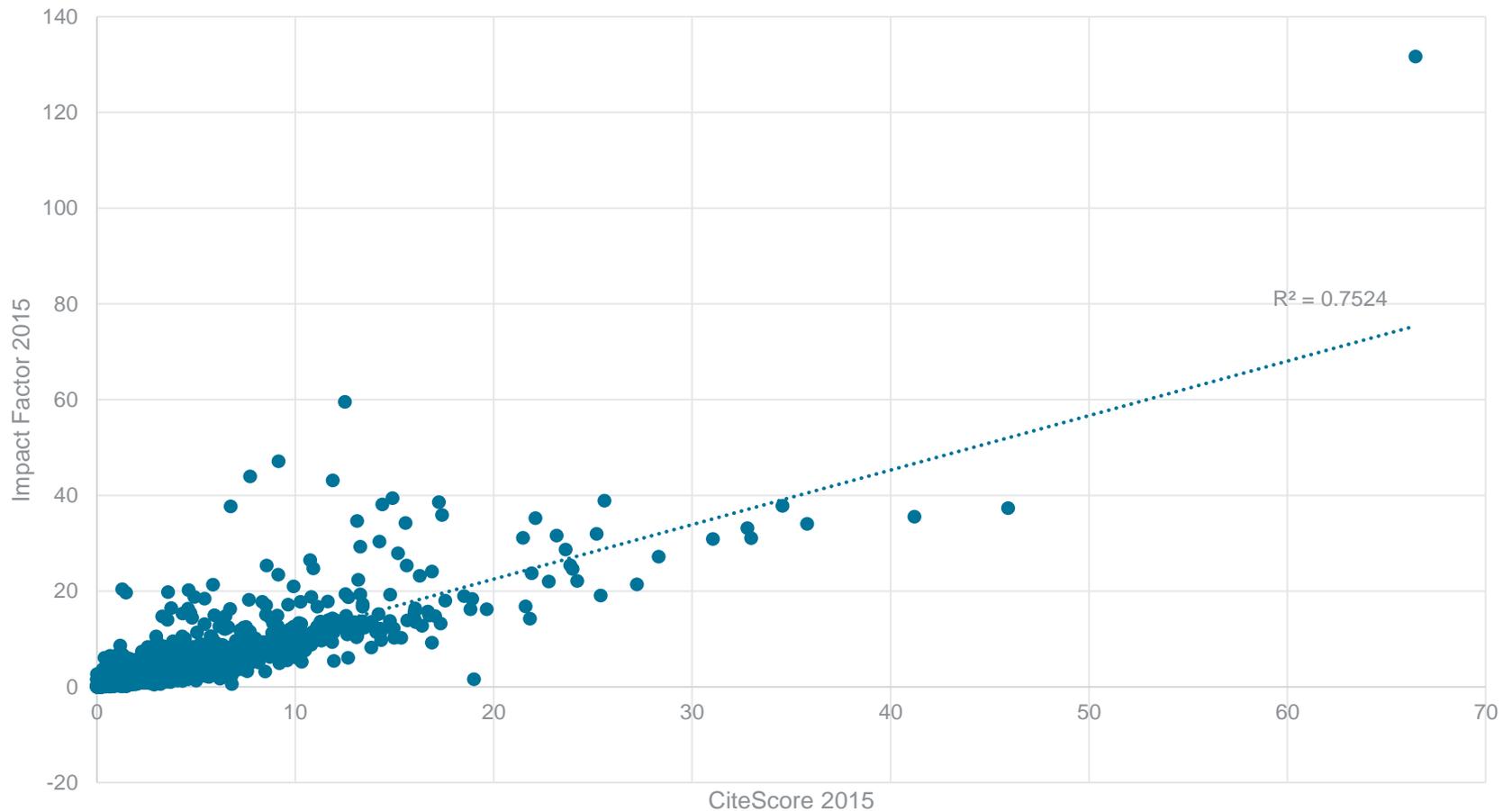
Showing 22220 titles
Clear Filters

	Title	CiteScore ▼	Highest CiteScore Percentile	CiteScore Rank	Citations 2015 *	Documents 2012-14 *	% Cited	SNIP	SJR
1	Ca-A Cancer Journal for Clinicians	66.36	99%	1/117	8,892	134	63%	50.569	32.242
2	Chemical Reviews	45.68	99%	1/371	31,974	700	98%	11.241	19.143
3	Annual Review of Immunology	41.18	99%	1/162	3,047	74	99%	9.071	32.720
4	Chemical Society Reviews	35.79	99%	2/371	45,020	1,258	97%	7.638	15.228
5	Annual Review of Astronomy and Astrophysics	33.93	99%	1/67	1,391	41	90%	7.673	27.065



CiteScore 2015 correlates 75% with Impact Factor

2015 Impact Factor and 2015 CiteScore



Main advantages of CiteScore

Comprehensive

- **Based on Scopus**, the world's broadest database
- A CiteScore will be available **for all serials, not just journals**
- CiteScore can be **calculated for portfolios**

Transparent

- CiteScore and associated metrics will be available for **free**
- CiteScore is **easy to calculate for yourself**
- The **underlying database is available for you to interrogate**

Current

- CiteScore Tracker is **updated monthly**
- **New serial titles** will have CiteScore metrics the year after they are indexed in Scopus

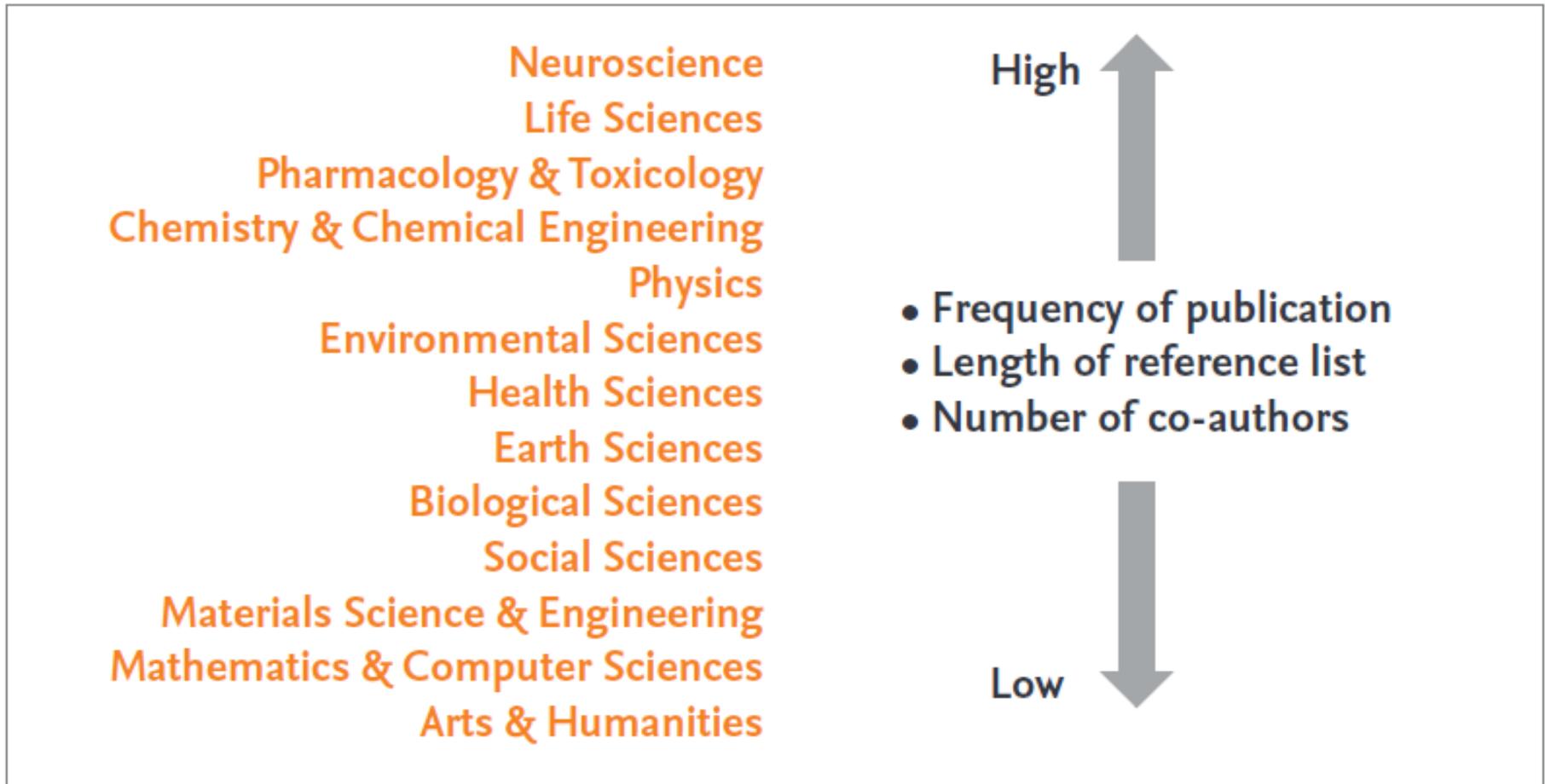
SNIP

Journal Metrics



Universiteit Leiden

Citation practices differ between disciplines



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

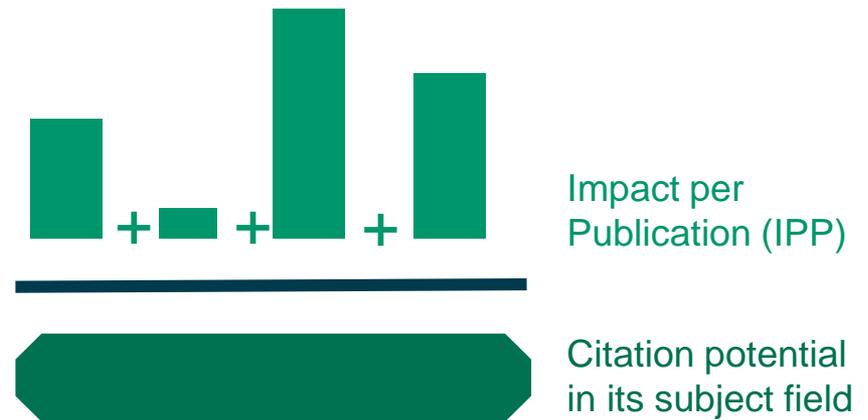


Universiteit Leiden

SNIP: Source-normalized impact per paper

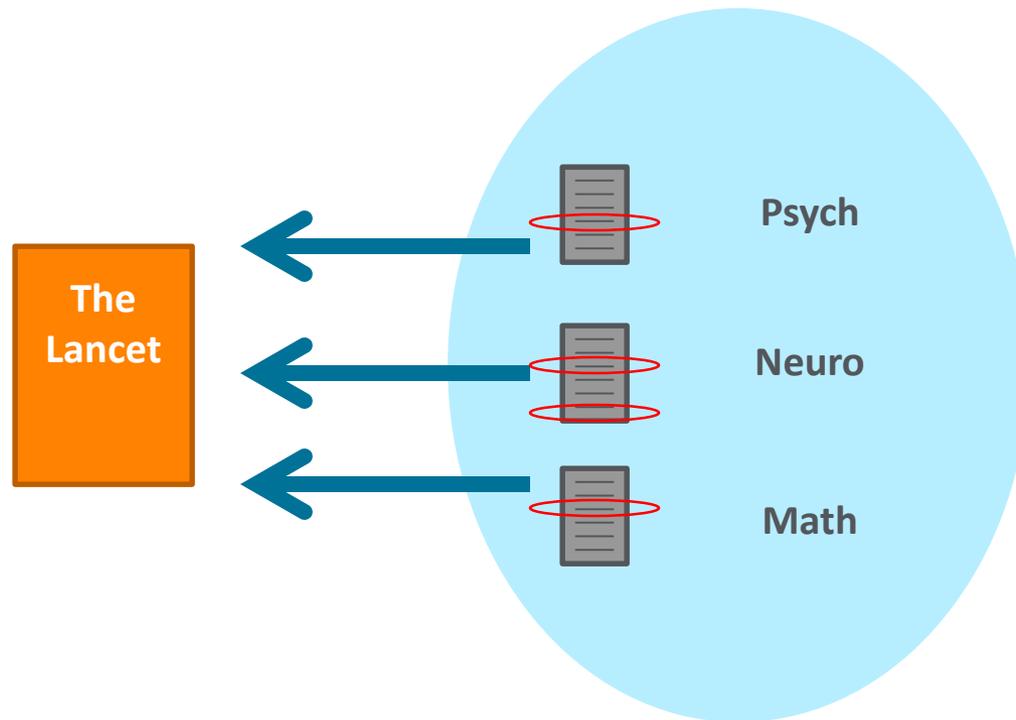
All **20K** journals have a **Source-normalized impact per paper (SNIP)** measuring contextual citation impact by weighting citations per subject field

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



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

What is the “Subject Area”?



Collection of articles citing the Lancet

SJR

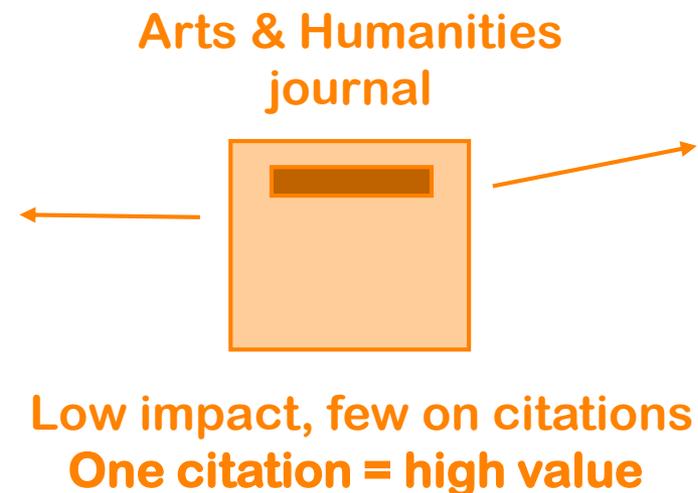
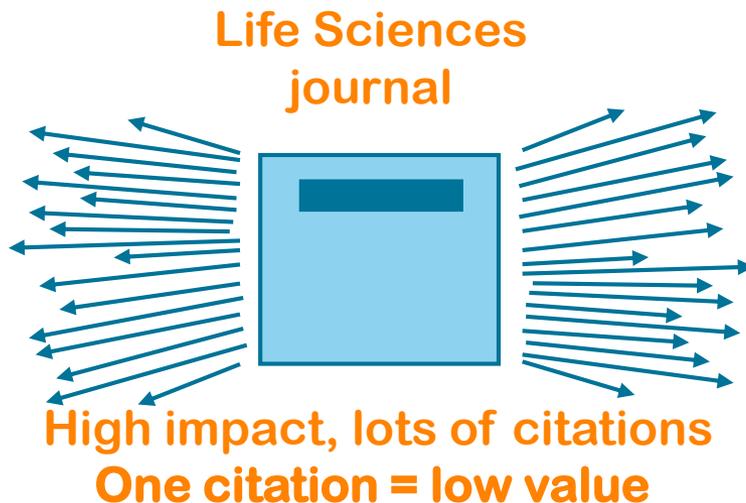
Journal Metric



SJR: SCImago Journal Rank

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

- SJR is a variant of the eigenvector centrality measure used in network theory and is inspired by the PageRank algorithm used in Google.
- Prestige transferred when a journal cites
 - Citations are weighted depending on where they come from
 - journal's prestige is shared equally between its citations



SJR normalizes for differences in citation behaviour between subject fields

Part II

Hands on SciVal Training

SciVal is Elsevier's Research Intelligence Tool.

SciVal offers quick, easy access to the research performance of 220 nations and 7500 research institutions worldwide (including 774 corporate organizations)



Overview



Benchmarking



Collaboration



Trends

Create and select research entities

Select metrics

High Performance Computing Cluster (HPCC) Systems

Publication, citation and usage data (Scopus & ScienceDirect)

Data updated weekly from Scopus

Accessing SciVal

Accessing SciVal: go to www.scival.com

Who does not have access to SciVal? Please raise your hand.

Login

SciVal is a ready-to-use solution with unparalleled power and flexibility, which enables you to navigate the world of research and devise an optimal plan to drive and analyze your performance.

(*=required fields)



The screenshot shows the SciVal login interface. On the left, under the heading "Login using your Elsevier credentials", there are two input fields: "Username:" with the value "SI_sandervanservellen3" and "Password:" with masked characters. Both fields have a red asterisk to their right. Below these fields is a checked checkbox labeled "Remember me". At the bottom of the login section are "Login" and "Cancel" buttons, and a link "Forgotten your username or password?". On the right side of the login form, there is a link "If not, Register Now" which is highlighted with a red box. An orange callout box with a white border and a pointer to the "Register Now" link contains the text: "If you do not have a username and password for SciVal, then please register here."

New to SciVal? Find out what the new generation of SciVal can do for you.

Quick Overview of SciVal

SciVal Modules



Overview module provides dashboard style reports based on a 3 or 5 year period. You can analyze countries, institutions, any researcher, group of researchers and research areas you have created. It gives a comprehensive overview of one entity at a time.

Benchmarking module is flexible, it allows you to select a time period anywhere from 1996 to one month ago. You can choose from over 17 metrics, and compare across different types of entities (i.e. you directly can compare researchers with departments, institutions, countries in one analysis)

Collaboration module looks at specifically at co-publication trends. It allows you to identify the top collaboration partners of an institution or country, as well as identify potential collaboration partners. Research areas can be applied here as a subject filter.



Assignments 😊

Assignment 1



- 1.) What data is SciVal based on?
 - a.) Custom dataset
 - b.) Web of Science
 - c.) Scopus

- 2.) How many papers did Mahidol produce in Medicine in 2011?
 - a.) 6232
 - b.) 1030
 - c.) 1375

- 3.) Who produced the most papers in “Energy” research in 2015:
 - a.) Khon Kaen University
 - b.) Mahidol
 - c.) The both produced the same number of papers in Energy

- 4.) How many citations did Mahidol receive in “Oncology” (2011-2015)?
 - a.) 32% more than world average
 - b.) 5% less than world average
 - c.) same as world average

- 5.) Which GOVERNMENT institution did Mahidol co-author with most often (2011-2015)?
 - a.) Armed Forces Research Institute of Medical Sciences, Thailand
 - b.) National Cancer Institute, Thailand
 - c.) Thailand Ministry of Public Health

Answers 1



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 - c.) Thailand Ministry of Public Health**

Assignment 2



- 1.) What percentage of Mahidol papers were published in the TOP 10% best journals based on CiteScore journal metric (2011-2015)?
 - a.) 17.8%
 - b.) 23.9.%
 - c.) 2177

- 2.) How many research articles did Mahidol produce in Environmental Science in 2013?
 - a.) 39
 - b.) 43
 - c.) 222

- 3.) What percentage of Mahidol papers published in 2011 in Medicine are cited often enough to belong to the top 1% highest cited papers world-wide, excluding self-citations?
 - a.) 1.5%
 - b.) 1.7%
 - c.) 1.1%

Answers 2



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Assignment 3

1.) Your boss is interested in research about the “Zika” virus. She asks you to identify the top 3 researchers who publish most papers related to “Zika” between 2011-2015. Create a Research Area in SciVal, using the key-word “Zika”. Which of the following authors are world top 3 in terms of output volume?

a.)

Name	Publications 	Most recent publication	Field-Weight 	<i>h</i> -index
Musso, Didier	12	2015	45.82	18
Cao-Lormeau, Van Mai Ai	11	2015	44.76	15
Sall, Amadou Alpha Lpha	7	2015	23.14	32

b.)

Name	Publications 	Most recent publication	Field-Weight 	<i>h</i> -index
Musso, Didier	12	2015	45.82	18
Cao-Lormeau, Van Mai Ai	11	2015	44.76	15
Nhan, Tuxuan	5	2015	31.55	7

c.)

Name	Publications 	Most recent publication	Field-Weight 	<i>h</i> -index
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Thomas, Stephen J.	23	2015	3.42	24
Harris, Eva H.	22	2015	5.12	51

Answers 3

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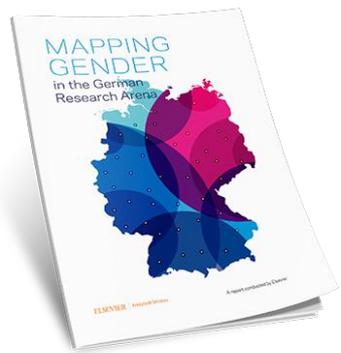
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Research Intelligence

Thanks for your attention

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