



Mahidol University  
*Wisdom of the Land*

# “การใช้งานโปรแกรม SciVal เบื้องต้น”

ครั้งที่ 2/2565

วันที่ 24 มีนาคม 2565

เวลา 9.00 – 12.00 น.

ผ่านระบบ Cisco Webex Meeting



ดร.นริศรา โกมลวรรณะ  
ศูนย์วิจัยและพัฒนาอุปกรณ์ชีวการแพทย์  
สถาบันชีววิทยาศาสตร์โมเลกุล



## SciVal

เป็นผลิตภัณฑ์ในรูปแบบ web-based Tool ของบริษัท ELSEVIER เป็นเครื่องมือในการศึกษาสมรรถนะด้านการวิจัยของหน่วยงาน รวมทั้งความร่วมมือกับสถาบันอื่นๆ ทั้งภายในประเทศและต่างประเทศ ที่จะสามารถแข่งขันได้ในเวทีนานาชาติ เพื่อใช้ในการตัดสินใจเชิงยุทธศาสตร์ สามารถบอกและวิเคราะห์สมรรถนะของการวิจัยของหน่วยงานได้ในระดับภาควิชา หรือระดับประเทศได้ โดยใช้ข้อมูลจากฐานข้อมูล SCOPUS

## SciVal is Elsevier's research intelligence tool

SciVal offers quick, easy access to the research performance of 220 nations and 8,500 research institutions worldwide, and groups of institutions



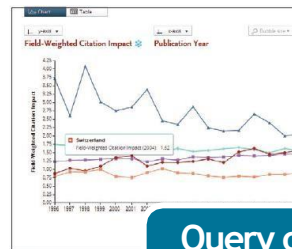
**Visualize  
research  
performance**

Ready-made-at a glance snapshots of any selected entity



**Benchmark  
your progress**

Flexibility to create and compare any research groups



**Develop  
collaborative  
partnerships**

Identify and analyze existing and potential collaboration opportunities





Unlock the promise of your research

Product Login: [Experts](#) | [Funding](#) | [Spotlight](#) | [Strata](#)

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[FAQ](#)

## Welcome to SciVal

Elsevier's SciVal research management solutions provide a sharp, panoramic view of the research landscape, enabling institutions to make more informed decisions to maximize the efficiency and impact of their organizations.

[For Research Institutions >>](#)

[For Funding Bodies >>](#)

[For Policy Making Bodies >>](#)







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Who We Serve

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News & Events

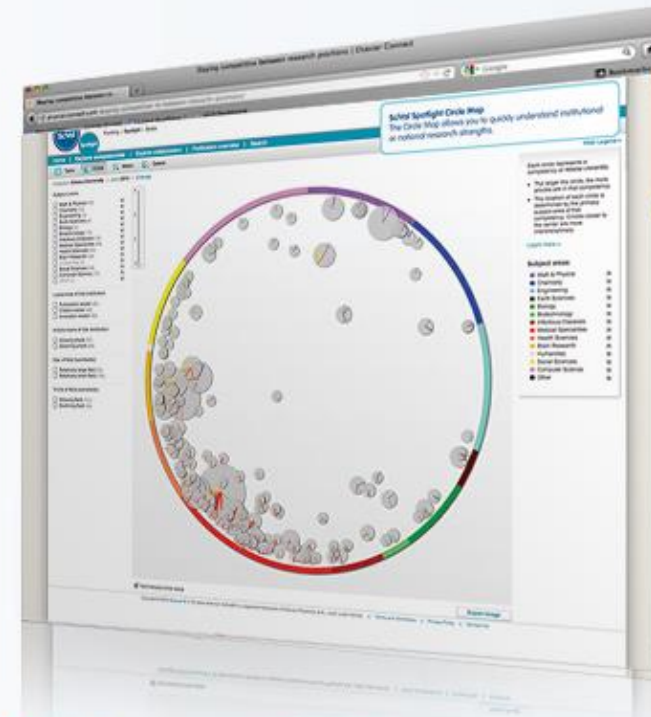
Resource Library

FAQ

## SciVal Spotlight

Evaluate your institution's or country's research strengths, define and execute your research strategy and explore opportunities for collaboration with peer institutions.

[Learn more >>](#)





## Welcome to SciVal



You can now choose your preferred **journal classification** - ASJC (Scopus), FoR (Australian and New Zealand Standard Research Classification), FOS (OECD) or UoA (UK's REF 2014 exercise)

The **Overview module** has a new and improved dashboard-style look and feel. The dashboard can be exported in PDF format for easy sharing with your colleagues.

[See the full list of features in the October 2014 release](#)

### Overview

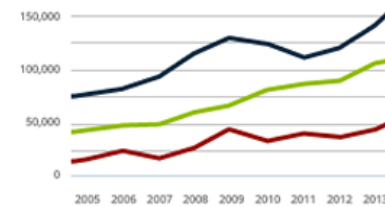


Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Overview](#)



### Benchmarking



Compare and benchmark your Institution to other institutions, Researchers and Groups of Researchers using a variety of metrics.

[Benchmarking](#)



### Collaboration



Explore the collaboration network of both your Institution and other Institutions.

[Collaboration](#)





## Welcome to SciVal



### Overview

Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Go to Overview](#) ➤



### Benchmarking

Compare and benchmark your Institution to other Institutions, Researchers and Groups of Researchers using a variety of metrics.

[Go to Benchmarking](#) ➤



### Collaboration

Explore the collaboration network of both your Institution and other Institutions.

[Go to Collaboration](#) ➤



### Reports

Create rich Reports specifically tailored to support your institution's distinct research strategy.

[Go to Reports](#) ➤

### Quick Guide to SciVal

Get a quick overview of SciVal, how you can use it and how it can help you.

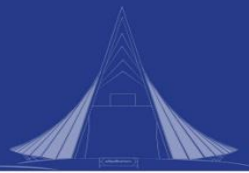
1. [Getting started with SciVal](#) ➤
2. [Working with entities](#) ➤
3. [Using SciVal for strategic planning](#) ➤

[View the SciVal Online Manual](#) ➤

### January 2017 - New in this release

- You can set up reports which are specifically customized to reflect your institute's research objectives.
- We've updated the SciVal interface to give you a smoother experience as you move across all Elsevier platforms.

[See the full list of features and benefits in the January 2017 release](#) ➤



# วิธีการ Login





## Welcome to SciVal

SciVal offers quick, easy access to research performance of more than 16,500 research institutions and their associated researchers from 231 nations worldwide.

Don't have access? [Request a consultation](#) ↗



### Find

Find collaborators to spur innovative solutions to complex problems.



### Demonstrate

Demonstrate my impact for promotion and funding applications.



### Discover

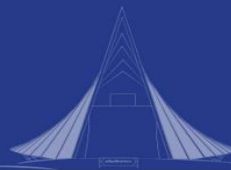
Discover relevant cross-disciplinary areas of research.



SciVal provides 96,000 niche areas of research for you to explore

Locate specific areas of interest and find potential collaboration partners

[Learn more >](#)



## SciVal

The image shows a screenshot of an Elsevier sign-in dialog box. The dialog has a white background and a grey border. At the top, the Elsevier logo is displayed in orange. Below the logo, the text "Sign in" is centered. Underneath, a prompt says "Enter your password to sign in to SciVal". There are two input fields: "Email" with the value "narisra.kom@mahidol.ac.th" and "Password". To the right of the password field is a link "Forgot password?". Below the inputs is a checkbox labeled "Stay signed in (not recommended for shared devices)". At the bottom, there is a large blue "Sign in" button and a link "Sign in with a different account" which is highlighted with a red rectangular border.

ELSEVIER

Sign in

Enter your password to sign in to SciVal

Email  
narisra.kom@mahidol.ac.th

Password

[Forgot password?](#)

☐ Stay signed in (not recommended for shared devices)

Sign in

[Sign in with a different account](#)



## SciVal

A screenshot of a web login window for Elsevier SciVal. The window has a white background and a grey border. At the top, the 'ELSEVIER' logo is in orange. Below it, the word 'Welcome' is in black. The text 'Enter your email to continue with SciVal' is centered. There is an 'Email' label above a text input field. Below the input field is a blue 'Continue' button. At the bottom, a grey bar contains the text 'You can also sign in via your institution, organization or Athens.', where 'sign in' is highlighted with a red square. A close button (X) is in the top right corner of the window. The background of the slide features a dark blue field with various overlapping circles in lighter shades of blue.



## SciVal

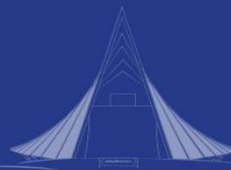
The image shows a screenshot of the Elsevier SciVal interface. A central white dialog box with a grey border and a close button (X) in the top right corner is displayed. The dialog box contains the Elsevier logo at the top, followed by the heading 'Find your institution'. Below this, a prompt reads 'Enter your email or institution name to continue'. A text input field is present with the placeholder text 'Institutional email or name of institution'. The field contains the text 'Mahidol University'. To the right of the input field is a blue button with a white right-pointing chevron (>). The background of the entire page is dark blue with a pattern of overlapping circles in various shades of blue.

ELSEVIER

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RELX Group™




SciVal

×

**ELSEVIER**

Enter your institutional email



Mahidol University

Institutional email

---

Continue

[Try another institution](#)





## Check email

ELSEVIER

Welcome,

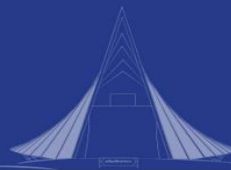
Click the link below to get access to the Elsevier services you use via  
**Mahidol University.**

Get access

Or use this link:

[https://id.elsevier.com/ext/EIARedeem?dgcid=raven\\_id\\_institutionalaccess\\_email\\_SCIVAL&emailSignIn=8PVwYhTGuoibZD7ADcbho3LuwImjWN05BdQpjoJlf0LdrgUVEBTySDksENEdD1hl&ui\\_locales=en-US](https://id.elsevier.com/ext/EIARedeem?dgcid=raven_id_institutionalaccess_email_SCIVAL&emailSignIn=8PVwYhTGuoibZD7ADcbho3LuwImjWN05BdQpjoJlf0LdrgUVEBTySDksENEdD1hl&ui_locales=en-US)

The Elsevier team



## Welcome to SciVal



### Overview

Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Go to Overview >](#)



### Benchmarking

Compare and benchmark your Institution to other Institutions, Researchers and Groups of Researchers using a variety of metrics.

[Go to Benchmarking >](#)



### Collaboration

Explore the collaboration network of both your Institution and other Institutions.

[Go to Collaboration >](#)



### Trends

Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars.

[Go to Trends >](#)



### Reporting

Create rich Reports specifically tailored to support your institution's distinct research strategy.

[Go to Reporting >](#)



SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

My SciVal

Scopus



NK

Hide tags



Institutions and Groups



Mahidol University



## Mahidol University

มหาวิทยาลัยมหิดล

314th (QS) · 601-800 (THE) · 401-500 (ARWU) | Thailand | [More details on this Institution](#)

2014 to 2018

no subject area filter selected

ASJC



Summary

Topics & Topic Clusters

Collaboration

Published

Viewed

Cited

Authors

Economic Impact

Societal Impact

### Overall research performance

Scholarly Output

12,579 ▲

[View list of publications](#)

Citation Count

117,202

Pie Chart



Authors

10,112 ▲

Citations per Publication

9.3

Field-Weighted Citation Impact

1.19

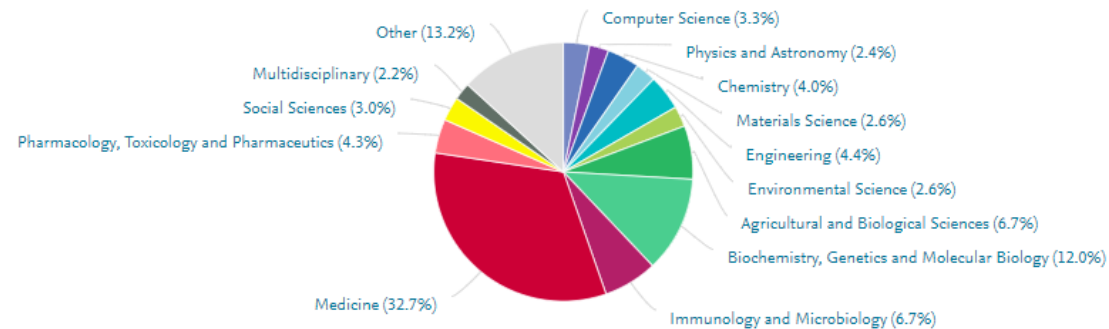
h5-index

88

+ Add Summary to Reporting

Export

+ Add to Reporting



#### Research Metrics Guidebook <sup>NEW</sup>

The new Research Metrics Guidebook is a straightforward, practical companion to the use of SciVal and Scopus.

[Download it now](#)

[Data sources](#)

+ Add Institutions and Groups

× Clean this section



Benchmarking Collaboration Trends Reporting My SciVal Scopus ?

NK

NK Narisra Komalawardhana  
narisra.kom@mahidol.ac.th

View account

Sign out



## Collaboration

Explore the collaboration network of both your Institution and other Institutions.

ELSEVIER

## Sign in

Enter your password to sign in to IdentitySettings

Email  
narisra.kom@mahidol.ac.th

Password

[Forgot password?](#)

☐ Stay signed in (not recommended for shared devices)

Sign in

[Sign in with a different account](#)

## ELSEVIER Account

Changing your account details and settings will change them across other Elsevier products such as Mendeley and ScienceDirect. For more information, please [visit our Privacy Center](#).

[Back to SciVal](#)

Sign in details

Account information

Communications

## Sign in details

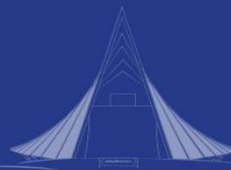
You can use your email address below to sign in.

Primary email

narisra.kom@mahidol.ac.th

Password

.....



# Researchers and Group





SciVal

Overview

Benchmarking

Collaboration

Trends

Hide tags



Researchers and Groups



No Researchers or Groups have been added



Find existing researcher or group



Advanced search



+ Define a new Researcher



+ Import Researchers

## Mahidol University

มหาวิทยาลัยมหิดล

314th (QS) • 601-800 (THE) • 401-500 (ARWU) | Thailand | More d

2014 to >2019



no subject area filter selected

Summary

Topics & Topic Clusters

Collaboration

Published

### Overall research performance

Scholarly Output

16,294 ▲

View list of publications

Authors

12,337 ▲

Citation Count

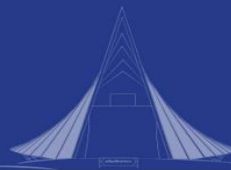
123,196

Citations per Publication

7.6

Pie Chart





## Import Researchers



1. Upload file or paste IDs

2. Refine authors

3. Organize and save

### Import Researchers

Here you can import a list of Scopus authors into SciVal (max. 1,000). Where applicable, these will be added to your existing hierarchy. [Learn more](#)

If you want to replace one or more groups, go to [Synchronize your Groups of Researchers](#)

Use a Template [Learn more](#)

Download file



Replace the example content with your own content.

You can upload up to 1,000 researchers in a file.

Drop file here or click to upload  
(CSV, XLS, JSON, or text file)

### Paste IDs

Alternatively, you can paste a list of Scopus author IDs or ORCID IDs in this field (one ID per row, max. 1,000).

Next step >



Need an example?



Download file



XLS



CSV



JSON

Replace the example content with your own content.

# Or structure your file like this

Author	Name variants	Affiliation	College (Level 1)	School (Level 2)	Discipline (Level 3)	EIDs	DOIs	PMIDs	Title	ISSN/Volume/Issue/Pages	Scopus Author ID
Colledge, Lisa	Colledge, L.	Oxford University							Project Snowball - Sharing data for cross-institutional benchmarking	18770509/33//297-300 1389130/92/2/367-376	
Kamalski, Judith	Kamalski, J	Utrecht University				2-s2.0-80051744268 2-s2.0-84866145113					
Heeman, Frans C.											6505857281
Donohoe, Gary J.		Dublin University	College of Arts	School of Psychology	Psychology				What have the genomics ever done for the psychoses?		

The more information, the higher the accuracy of the results.

If you fill Level's columns, it will pre-populate your hierarchy structure like above. All hierarchy structure can be created or edited on step 3.

Colledge, Lisa

Kamalski, Judith

Heeman, Frans C.

✓ College of Arts (Level 1)



## Define a new Researcher

### Define a new Researcher



1. Search

2. Select

3. Validate publications (optional)

4. Save Researcher



The Researcher you want to add may be known in Scopus by more than one author name variant. Search below for Scopus author name variants of the Researcher you want to add.

Last name

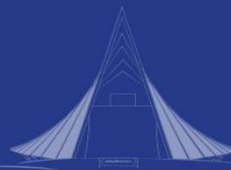
First name

Affiliation

+ Add another field



Search >



## Define a new Researcher



1. Search

2. Select

3. Validate publications (optional)

4. Save Researcher

Select author name variant(s) that refer to the Researcher

<input type="checkbox"/>	Author	Publications ↓	Subject Area	Affiliation	Country
<input checked="" type="checkbox"/>	<b>Bhaktikul, Kampanad</b> Bhaktikul, K. Bhaktikul, Kampand <a href="#">Show recent publications</a>	10	Earth and Planetary Sciences, Agricultural and Biological Sciences, Pharmacology, Toxicology and Pharmaceutics, Engineering, Environmental Science	Faculty of Environment and Resource Studies, <a href="#">Mahidol University</a>	Thailand

< Previous step

Validate publications (optional) >

Directly go to Save Researcher >







## Define a new Researcher



1. Search

2. Select

3. Validate publications (optional)

4. Save Researcher



Please note that SciVal will only display publications from 1996 onwards.

Save your researcher as

Bhaktikul, Kampanad



Add tags (optional)

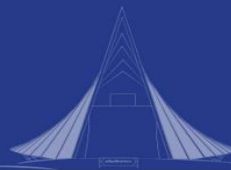


< Previous step

Save and define another Researcher >

Save and finish >





SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

My SciVal

Scopus ↗



NK

Hide tags



Researchers and Groups

Bhaktikul, Kampanad

Bhaktikul, Kampanad

Report from template

Mahidol University | View this Researcher in Scopus ↗ | Why do the metrics look different to those in Scopus? ↗

2014 to >2019 | no subject area filter selected

ASJC

Data sources

Summary

Topics & Topic Clusters

Collaboration

Published

Viewed

Cited

Economic Impact

+ Add Summary to Reporting Export

+ Add to Reporting

## Overall research performance

Scholarly Output

5

View list of publications

Citations per Publication

1.8

Field-Weighted Citation Impact

0.26

h-index

4

Citation Count

9

h5-index

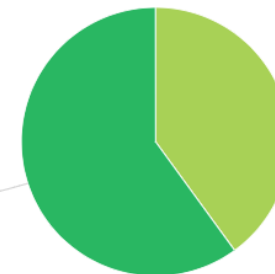
1

Pie Chart

+ Add to Reporting

Agricultural and Biological Sciences (60.0%)

Environmental Science (40.0%)



+ Add Researchers and Groups



SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

Hide tags



Researchers and Groups



Bhaktikul, Kampanad



Find existing researcher or group



Advanced search

+ Define a new Researcher

+ Define a new Group

+ Import Researchers

+ Synchronize Groups

## Bhaktikul, Kampanad

Mahidol University | [View this Researcher in Scopus](#) | [Why do the metrics look different to those in Scopus?](#)

2014 to >2019



no subject area filter selected



ASJC



Summary

Topics & Topic Clusters

Collaboration

Published

Viewed

Cited

Economic Impact

### Overall research performance

Scholarly Output

5

View list of publications

Citations per Publication

1.8

Field-Weighted Citation Impact

0.26

Citation Count

9

*h*-index

4

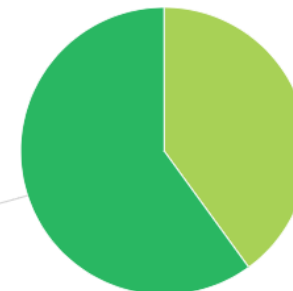
*h*5-index

1

Pie Chart



Agricultural and Biological Sciences (60.0%)



Environmental Science (40.0%)



## Define a new Group of Researchers

### Define a new Group of Researchers

All Researchers and Groups

All tags

Type to filter

Abhicharttibutra, Kulwadee

Baosoung, Chavee

Bhaktikul, Kampanad

Biomedical Sciences, MB MU

Biotechnology, MB MU

Boonchieng, W.

Boonserm, Panadda

Buddhirakkul, Prapim

Bunyaratavej Ahnond

Bunyaratvej, Ahnond

Center for Biomedical Instrument, MB MU

Center for Vaccine Development, MB MU

Chairoungdua, Arthit

Chaiwat, Weerawut

Chaiyen, Pimchai

Chanprasit, Chawapornpan

Chantasart, Doungdaw

Charoensawan, Varodom

Chetsawang, Banthit

Hide tags

Type to filter

Tags

You have not yet defined any Groups

Drag and drop at least one entity from the list on the left to define your Group of Researchers

Save and finish



## Define a new Group of Researchers



All Researchers and Groups



All tags



Type to filter



All



- Abhicharttibutra, Kulwadee
- Baosoung, Chavee
- Bhaktikul, Kampanad
- Biomedical Sciences, MB MU
- Biotechnology, MB MU
- Boonchieng, W.
- Boonserm, Panadda
- Buddhirakkul, Prapim
- Bunyaratavej Ahnond
- Bunyaratvej, Ahnond
- Center for Biomedical Instrument, MB MU
- Center for Vaccine Development, MB MU
- Chairoungdua, Arthit
- Chaiwat, Weerawut
- Chaiyen, Pimchai
- Chanprasit, Chawapornpan
- Chantasart, Doungdaw
- Charoensawan, Varodom
- Chetsawang, Banthit

Hide tags

Type to filter

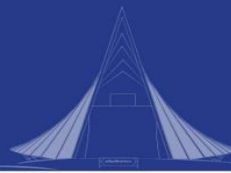


Tags

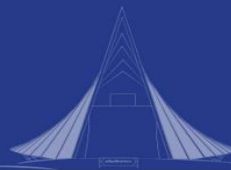
- ☐ My Researcher Group 1
  - + Add group
  - ☐ Abhicharttibutra, Kulwadee  
CMU\_NS
  - ☐ Baosoung, Chavee  
CMU\_NS
  - ☐ Bhaktikul, Kampanad

Save and finish >





# Edit Researchers & Group



Institutions and Groups

Researchers and Groups

Publication Sets

Countries and Groups

Research Areas

## Researchers and Groups

Type to filter



All entities you can use in SciVal



Filter by tags



Add to panel

Tags ▾

Share

Edit

Delete

+ Add new ▾



Name

Tags



Faculty of Environmental

Added



Bhaktikul, Kampanad

Added



Boontanon, Narin

Added



Chaiyarat, Rattanawat

Added



Charmondusit, Kitikorn

Added



Dilokwanich, Sittipong

Added



Sintunawa, Chirapol

Added



## Researchers and Groups

Type to filter



All entities you can use in SciVal



Filter by tags



Add to panel



Tags



Share



Edit



Delete



Add new



Name

Tags



Faculty of Environmental



Bhaktikul, Kampanad



Added



Boontanon, Narin



Added



Chaiyarat, Rattanawat



Added



Charmondusit, Kitikorn



Added



Dilokwanich, Sittipong



Added



Sintunawa, Chirapol



Added



## Researchers and Groups

Type to filter

Q [ ] [ ] [ ] All entities you can use in S

### Edit Researcher Group

Change name

Name

Faculty of Environmental ✓

Save name >

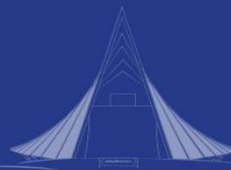
### Modify Researcher Group

Please note that in some cases a change of definition takes some time to process.

✓

Open definition editor >

Charmondusit, Kitikorn Added



## Edit your Group of Researchers



All Researchers and Groups



All tags



Type to filter



All



- Abhicharttibutra, Kulwadee
- Baosoung, Chavee
- Bhaktikul, Kampanad
- Biomedical Sciences, MB MU
- Biotechnology, MB MU
- Boonchieng, W.
- Boonserm, Panadda
- Buddhirakkul, Prapim
- Bunyaratavej Ahnond
- Bunyaratvej, Ahnond
- Center for Biomedical Instrument, MB MU
- Center for Vaccine Development, MB MU
- Chairoungdua, Arthit
- Chaiwat, Weerawut**
- Chaiyen, Pimchai**
- Chanprasit, Chawapornpan
- Chantasart, Doungdaw
- Charoensawan, Varodom
- Chetsawang, Banthit

Hide tags

Type to filter

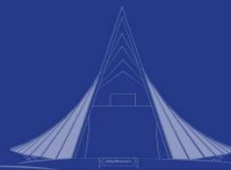


Tags

- ☐ My Researcher Group 1
  - Add group
  - ☐ Abhicharttibutra, Kulwadee  
CMU\_NS
  - ☐ Baosoung, Chavee  
CMU\_NS
  - ☐ Bhaktikul, Kampanad



Save and finish >



## Edit your Group of Researchers



All Researchers and Groups



All tags



Type to filter



All



- Abhicharttibutra, Kulwadee
- Baosoung, Chavee
- Bhaktikul, Kampanad
- Biomedical Sciences, MB MU
- Biotechnology, MB MU
- Boonchieng, W.
- Boonserm, Panadda
- Buddhirakkul, Prapim
- Bunyaratavej Ahnond
- Bunyaratvej, Ahnond
- Center for Biomedical Instrument, MB MU
- Center for Vaccine Development, MB MU
- Chairoungdua, Arthit
- Chaiwat, Weerawut
- Chaiyen, Pimchai
- Chanprasit, Chawapornpan
- Chantasart, Doungdaw
- Charoensawan, Varodom
- Chetsawang, Banthit

Hide tags

Type to filter



Tags

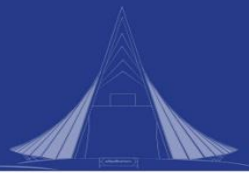
☐ My Researcher Group 1

+ Add group

- ☐ Abhicharttibutra, Kulwadee  
CMU\_NS
- ☐ Baosoung, Chavee  
CMU\_NS
- ☐ Bhaktikul, Kampanad



Save and finish >



# Group Sharing





SciVal

Overview Benchmarking Collaboration Trends Reporting **My SciVal** Scopus ? NK

Hide tags

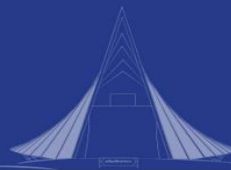
### Researchers and Groups

- Bhaktikul, Kampanad
- My Researcher Group 1

Add to panel Tags Share Edit Delete Export + Add new

<input type="checkbox"/>	Name	Tags	
	FacultyOfTraining		
	Institute for Innovative Learning, MU	ILMU	Shared
	Institute of Molecular Biology, MU	MB_MU	Shared
	My Researcher Group - 12 March 2014		
	My Researcher Group - 12 March 2014 2		
	My Researcher Group 1		
	My Researcher Group 1		Remove  Share
	Abhicharttibutra, Kulwadee	CMU_NS	
	Baosoung, Chavee	CMU_NS	
	Bhaktikul, Kampanad		Added
	NU_MU		Shared
	NU_MU_Food Group		Shared

Share this entity with other SciVal users



## Sharing settings for “My Researcher Group 1” and 3 other entities



Invite users   Tags   Currently invited / shared with   Invitation lists

### Invite others to use the entity

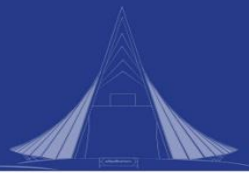
Enter E-mail address(es) or list name(s) (comma separated), or pick from the existing ones.

E-mail

Can view  
Can view  
Can edit

Message (optional)

Send invitation >



# Benchmarking



SciVal

Home

Overview

Benchmarking

Collaboration

Reports

My SciVal

Scopus ↗

Ratana Petchurai



> Deselect all

Hide tags

Institutions and Groups



Researchers and Groups



Publication Sets



Countries and Groups



☐ Singapore

☐ Thailand

+ Add Countries and Groups

✕ Remove all entities from this section

Research Areas



## Benchmarking

1996 to 2016+

no subject area filter selected



ASJC

[Data sources](#)

Chart

Table

+ Add to Reports Export

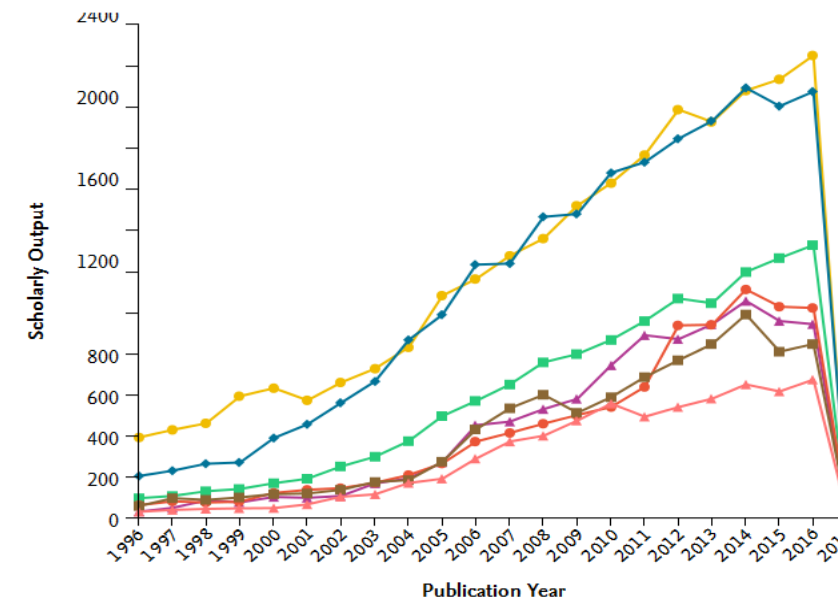
y-axis

Scholarly Output

x-axis

Publication Year

Bubble size



Institutions and Groups

Chiang Mai University

Chulalongkorn University

Kasetsart University

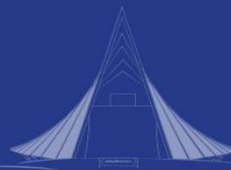
Khon Kaen University

Mahidol University

Prince of Songkla University

Thammasat University

View list of Scopus Sources for the selected Researchers and Groups



> Deselect all

Hide tags

Institutions and Groups



Researchers and Groups



Publication Sets



Countries and Groups



☐ Singapore

☐ Thailand

+ Add Countries and Groups

x Remove all entities from this section

Research Areas



## Benchmarking

1996 to 2016+

no subject area filter selected

ASJC

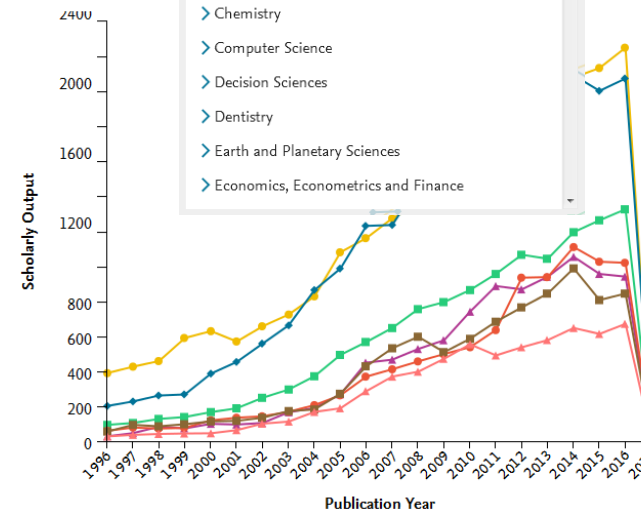
Data sources

Chart



y-axis

Scholarly Output



+ Add to Reports

Export

Bubble size

Institutions and Groups

- Chiang Mai University
- Chulalongkorn University
- Kasetsart University
- Khon Kaen University
- Mahidol University
- Prince of Songkla University
- Thammasat University

View list of Scopus Sources for the selected Researchers and Groups



Mahidol University  
Wisdom of the Land

## Benchmarking

1996 to 2016+ 

no subject area filter selected



ASJC

## Data sources

 Chart

Table

[+ Add to Reports](#) [Export](#) 

y y-axis ✓

$\frac{1}{x}$  x-axis  $\checkmark$

Bubble size ▾

Sc Scholarly Output Publication Year ar

### Awarded Grants

## Collaboration

Published

 Scholarly Output

Subject Area Count

Scopus Source Title Count


### *h*-indices

viewed

Cited

### Economic Impact

### Societal Impact

Scholarly Output 

The number of publications of a selected entity.

Include:

☒ All publication types

☐ Articles only

☐ Articles, reviews and

○ Articles, reviews and editorials

☐ Articles, reviews, editorials, short communications

☐ Articles and conference

Choose metric &gt;

## Institutions and Groups

■  Chiang Mai University


◆  Chulalongkorn University

 Kasetsart University

●  Khon Kaen University

●  Mahidol University

Prince of Songkla University

 Thomson University



Chart

Table

1996 to 2016+

no subject area filter selected

+ Add to Reports Export

y-axis

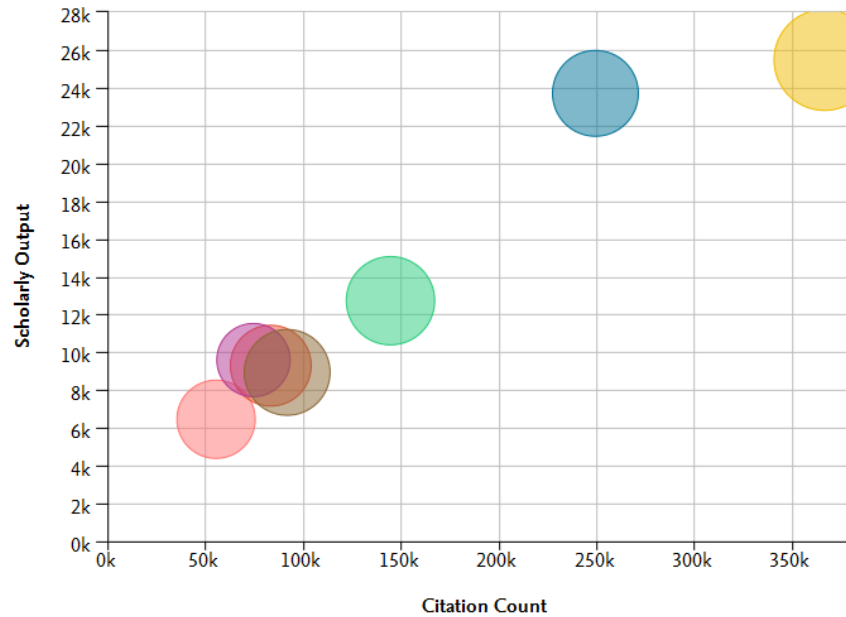
Scholarly Output

x-axis

Citation Count

Bubble size

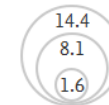
Citations per Publication



#### Institutions and Groups

- Chiang Mai University
- Chulalongkorn University
- Kasetsart University
- Khon Kaen University
- Mahidol University
- Prince of Songkla University
- Thammasat University

View list of Scopus Sources for the selected Researchers and Groups







Chart

Table

+ Add to Reports Export

Metric 1

Scholarly Output

Metric 2

Citation Count

Metric 3

Citations per Publication

Entity	Scholarly Output	Citation Count	Citations per Publication
Chiang Mai University	12,731	144,092	11.3
Chulalongkorn University	23,699	248,894	10.5
Kasetsart University	9,591	73,992	7.7
Khon Kaen University	9,294	82,867	8.9
Mahidol University	25,468	366,076	14.4
Prince of Songkla University	8,939	91,239	10.2
Thammasat University	6,458	54,888	8.5

View list of Scopus Sources for the selected Researchers and Groups

#### Metrics details

Metric 1: Scholarly Output

Types of publications included: all.

Metric 2: Citation Count

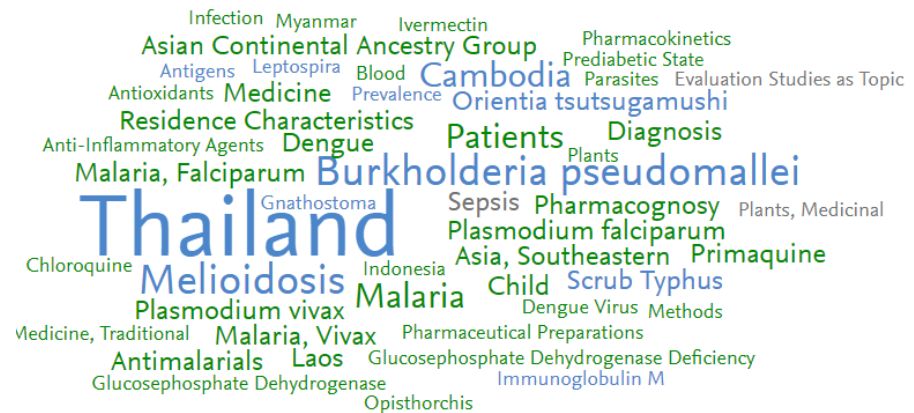
Types of publications included: all. Self-citations included: yes.

Metric 3: Citations per Publication

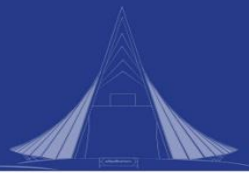
Types of publications included: all. Self-citations included: yes.



# Collaboration & Trends Modules



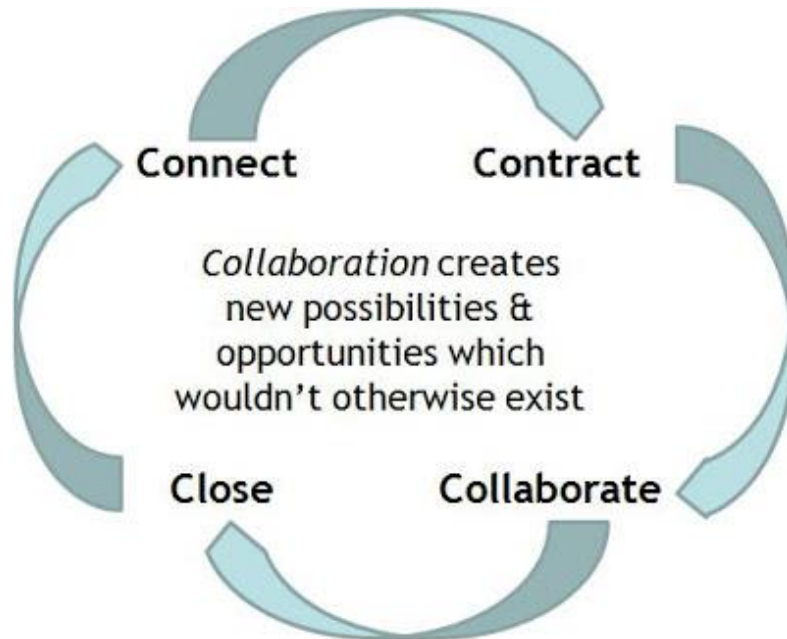
[www.SciVal.com](http://www.SciVal.com)



# Collaboration Module



# Do you agree?



# Mahidol: Output/ Report/ Analysis

- **ASIA PACIFIC & AUSTRALIA**

- There are 317 collaborating institutions and 2,095 co-authored publications in Asia pacific & Australia. The outstanding international collaborating institutes are in Japan, China, Korea and ASEAN including Australia.

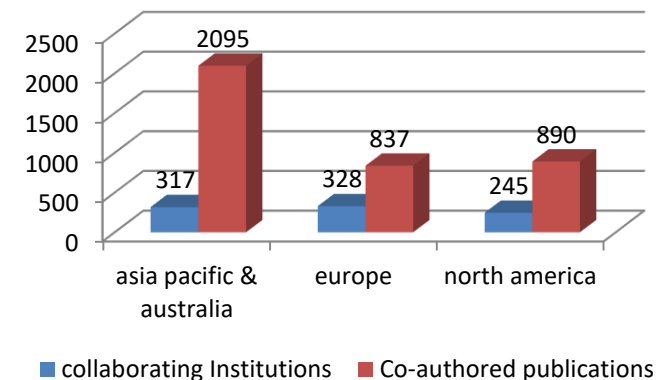
- **EUROPE**

- There are 328 collaborating institutions and 837 co-authored publications in Europe. The outstanding international collaborating institutes are in United of Kingdom, German and France

- **NORTH AMERICA**

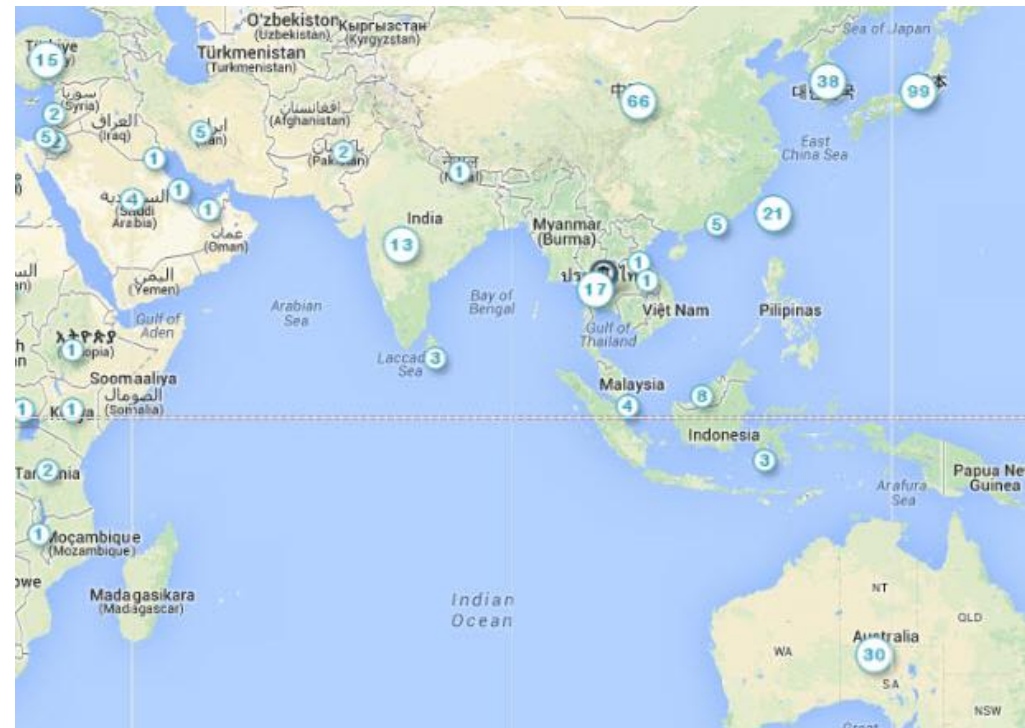
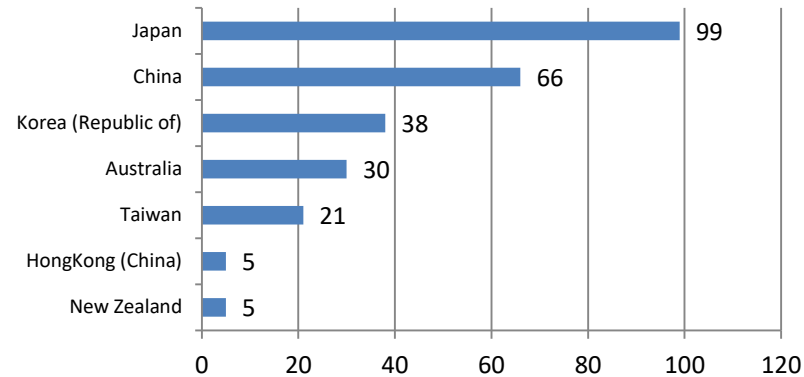
- There are 245 collaborating institutions and 890 co-authored publications in North America. The outstanding international collaborating institutes are in United States.

Have you ever known?  
...SciVal can show you...

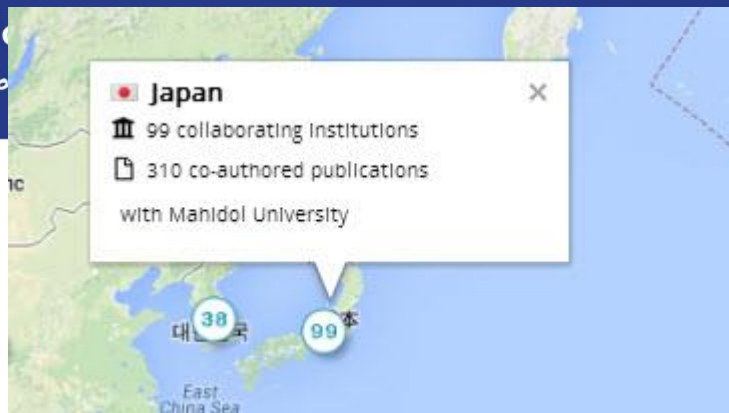


# ASIA PACIFIC & AUSTRALIA

- **Japan - 99 collaborating institutions**
- China – 66 collaborating institutions
- Korea (Republic of) - 38 collaborating institutions
- Australia – 30 collaborating institutions
- Taiwan – 21 collaborating institutions
- Hong Kong (China) – 5 collaborating institutions
- New Zealand – 5 collaborating institutions
- **ASEAN (9 countries exclude Thailand)**







The number in orange circle shows the number of co-authored publications of each institute which has collaborated with Mahidol University. >>>



# Japan



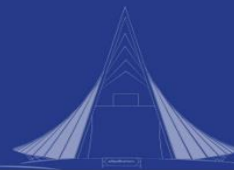
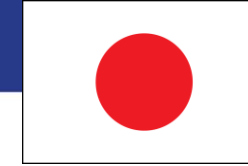
LIST OF COLLABORATING INSTITUTES IN JAPAN						
NO.	INSTITUTION	CO-AUTHORED PUBLICATIONS	CO-AUTHORS AT MAHIDOL UNIVERSITY	CITATIONS	CITATIONS PER PUBLICATION	FIELD-WEIGHTED CITATION IMPACT
1	Osaka University	69	99	681	9.9	1.97
2	Tohoku University	21	41	556	26.5	3.01
3	Ehime University	18	17	96	5.3	1.32
4	Kobe University	18	13	44	2.4	0.65
5	Kyoto University	16	28	527	32.9	3.37
6	University of Tokyo	15	25	589	39.3	3.56
7	Nagasaki University	14	19	482	34.4	4.21
8	Kagoshima University	11	19	473	43	3.81
9	Kyushu University	11	17	508	46.2	5.2
10	Tokyo Medical and Dental University	11	15	464	42.2	4.19
11	Kurume University	10	9	44	4.4	0.76
12	Hokkaido University	9	22	493	54.8	5.43
13	Oita University	9	11	12	1.3	0.6
14	University of Tsukuba	9	8	462	51.3	4.57
15	Chiba University	8	7	93	11.6	3.43
16	Gunma University	7	11	497	71	9.6
17	Fukuoka University	6	4	5	0.8	0.38
18	Hyogo College of Medicine	6	3	32	5.3	1.21
19	Jichi Medical University	6	10	476	79.3	7.27
20	Obihiro University of Agriculture and Veterinary Medicine	6	15	49	8.2	1.92
21	Tokyo Institute of Technology	6	7	448	74.7	6.52
22	Toyama Prefectural University	6	9	16	2.7	0.53
23	Kinki University	5	7	18	3.6	0.9
24	Kitasato University	5	3	31	6.2	0.71
25	Nagaoka University of Technology	5	4	5	1	0.68
26	Nagoya University	5	6	511	102.2	9.05
27	Nihon University	5	5	35	7	1.42
28	Nippon Medical School	5	4	126	25.2	5.33
29	Osaka City University	5	6	69	13.8	1.86
30	Tokai University	5	5	460	92	11.94



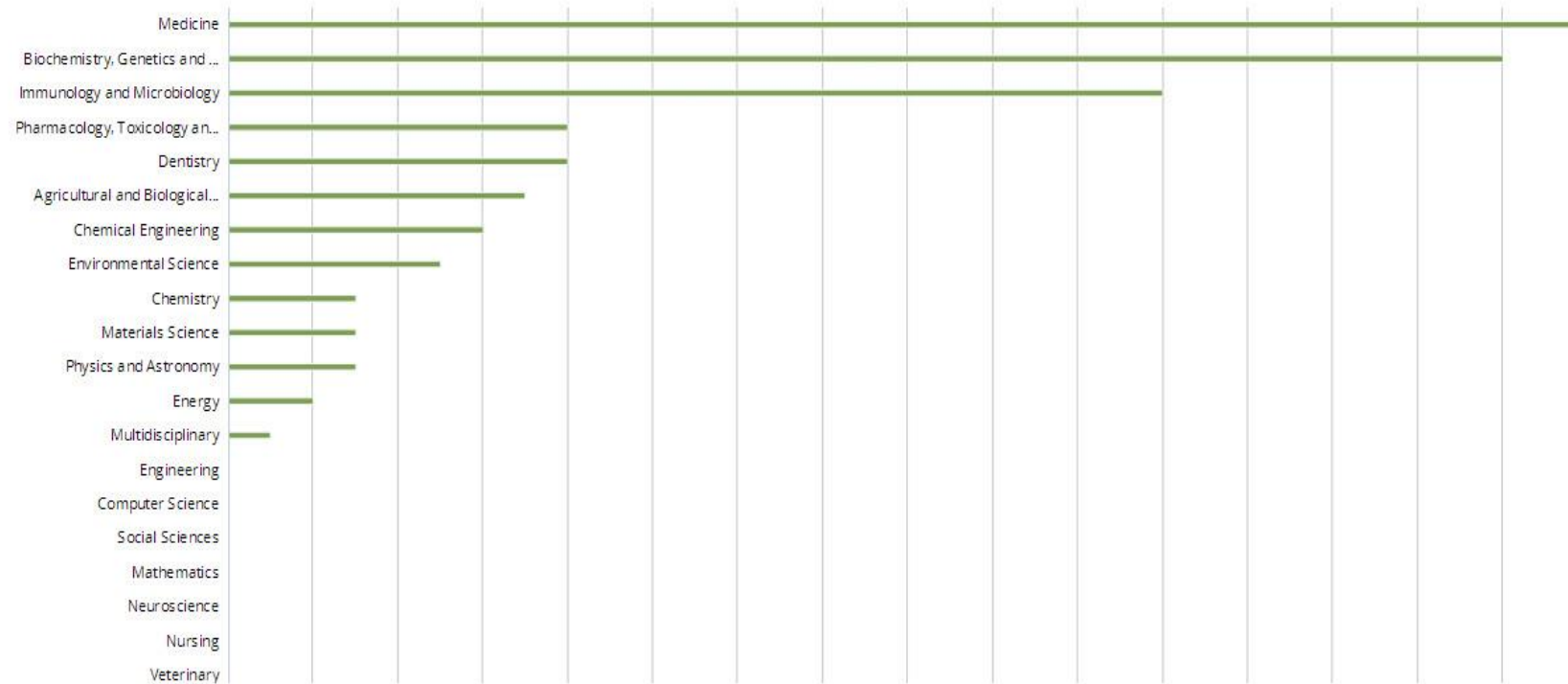


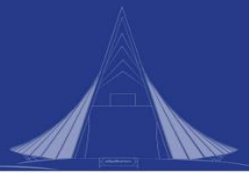
## LIST OF MAJOR COLLABORATED FIELD IN JAPAN

Medicine  
Biochemical Genetics and Molecular Biology  
Immunology and Microbiology  
Pharmacology, Toxicology and Pharmaceutics  
Dentistry  
Agricultural and Biological Science  
Chemical Engineering  
Environmental Science  
Chemistry  
Materials Science  
Physics and Astronomy  
Energy  
Multidisciplinary



# Japan: Collaborated Field





# ASEAN

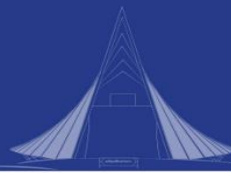
**THERE ARE 9 ASEAN MEMBERS (EXCLUDE THAILAND):**

**4 MEMBERS HAS NO COLLABORATING INSTITUTIONS**

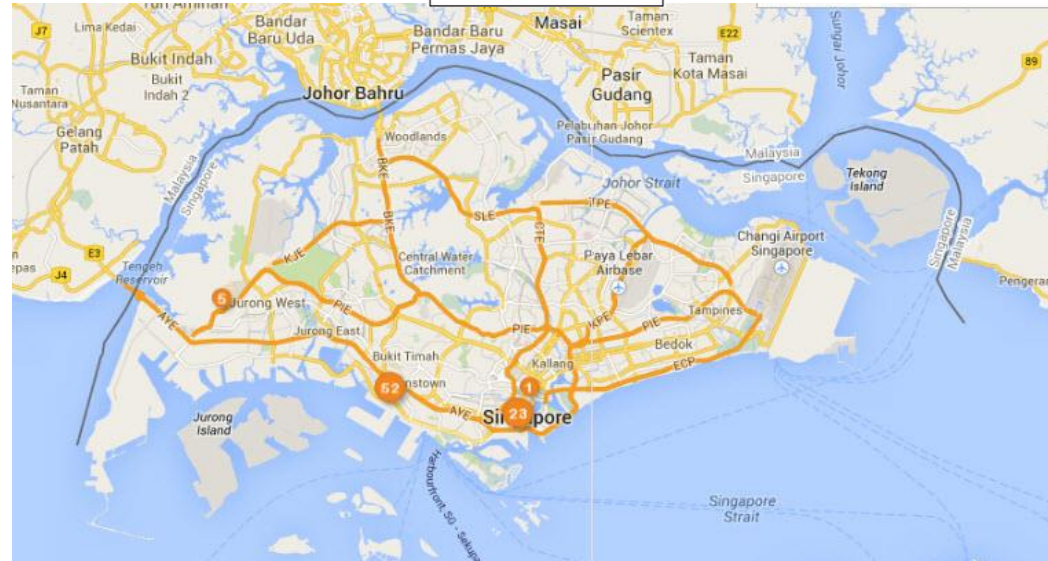
- Brunei Darussalam
- Cambodia
- Myanmar
- Philippines

**5 MEMBERS HAVE COLLABORATING INSTITUTIONS WITH MAHIDOL UNIVERSITY**

- Indonesia
- Lao PDR
- Malaysia
- **Singapore**
- Viet Nam



# Singapore



The number in orange circle shows the number of co-authored publications of each institute which has collaborated with Mahidol University. >>>

LIST OF MAJOR COLLABORATED FIELD IN SINGAPORE							
No.	Institution	Co-authored publications	Co-authors at Mahidol University	Co-authors at the other Institution	Citations	Citations per Publication	Field-Weighted Citation Impact
1	National University of Singapore	52	58	91	894	17.2	2.73
2	A-STAR	23	42	36	233	10.1	1.57
3	Nanyang Technological University	5	10	11	53	10.6	1.8
4	Singapore Management University	1	1	1	5	5	1



# Singapore: Collaborated Field

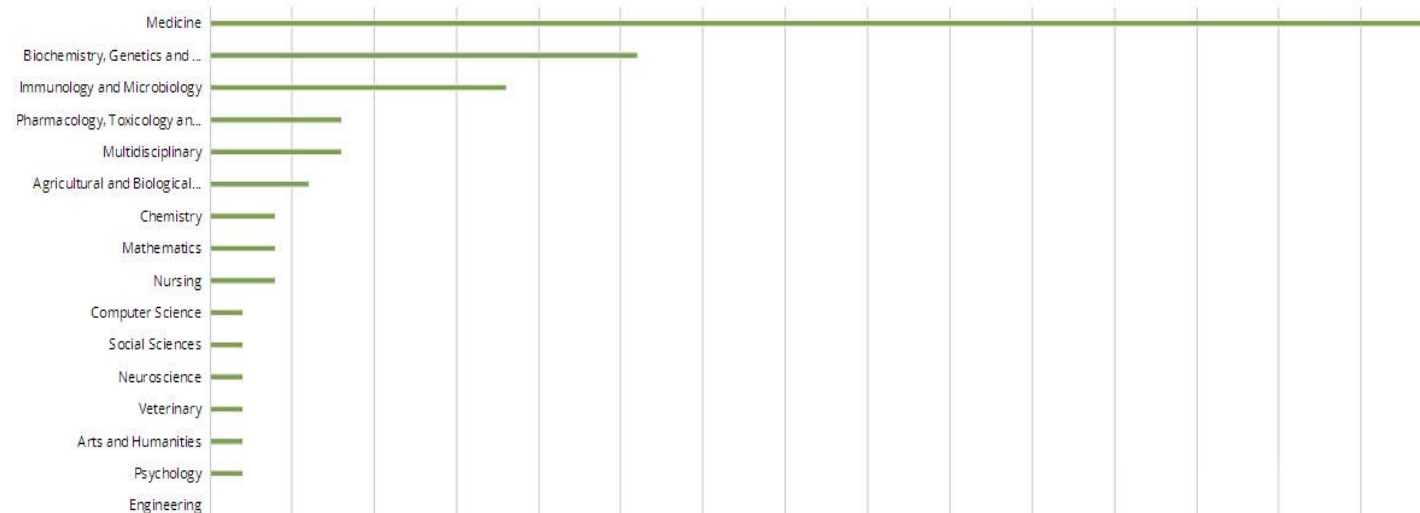
## LIST OF MAJOR COLLABORATED FIELD IN SINGAPORE

Medicine  
Biochemical Genetics and Molecular Biology  
Immunology and Microbiology  
Pharmacology, Toxicology and Pharmaceutics  
Multidisciplinary  
Agricultural and Biological Immunology and Microbiology  
Chemical  
Mathematics  
Nursing

Can we explore

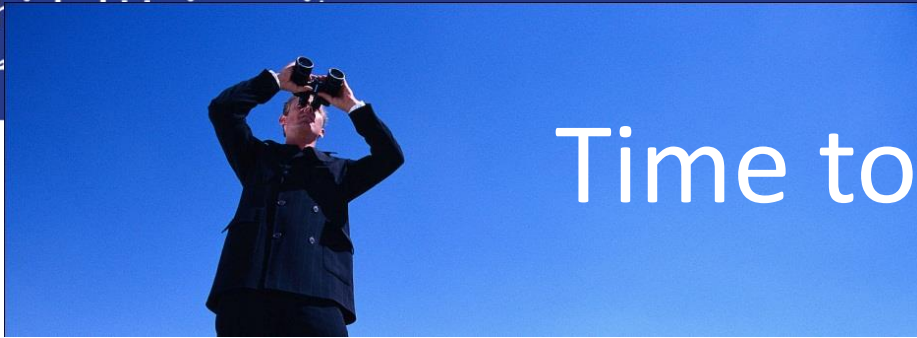
Co-authored publications?

Co-authors?





Mahachulalongkornrajavidyalaya University



# Time to Explore



SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

My SciVal

Scopus

Narisra Komalawardhana



## Welcome to SciVal



### Overview

Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Go to Overview >](#)



### Benchmarking

Compare and benchmark your Institution to other Institutions, Researchers and Groups of Researchers using a variety of metrics.

[Go to Benchmarking >](#)



### Collaboration

Explore the collaboration network of both your Institution and other Institutions.

[Go to Collaboration >](#)



### Trends

Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars.

[Go to Trends >](#)



### Reporting

Create rich Reports specifically tailored to support your institution's distinct research strategy.



[Go to Reporting >](#)





Hide tags

Institutions and Groups

Mahidol University

- Chiang Mai University
- Chulalongkorn University
- Kasetsart University
- Khon Kaen University
- My Group of Institutions - 3 April 2014
- My Group of Institutions - 3 April 2014 2
- National Science and Technology Development Agency Thailand
- Prince of Songkla University
- + Add Institutions and Groups
- x Remove all entities from this section

Researchers and Groups

Publication Sets

Countries and Groups

Research Areas

## Collaboration by Mahidol University

Thailand | More details on this Institution

Source: Scopus data up to 12 Jan 2015

2012 to >2015

Medicine

Current collaboration

Potential collaboration

Map

Table

Export

Shortcuts

Find Institution



### Institutions collaborating with Mahidol University

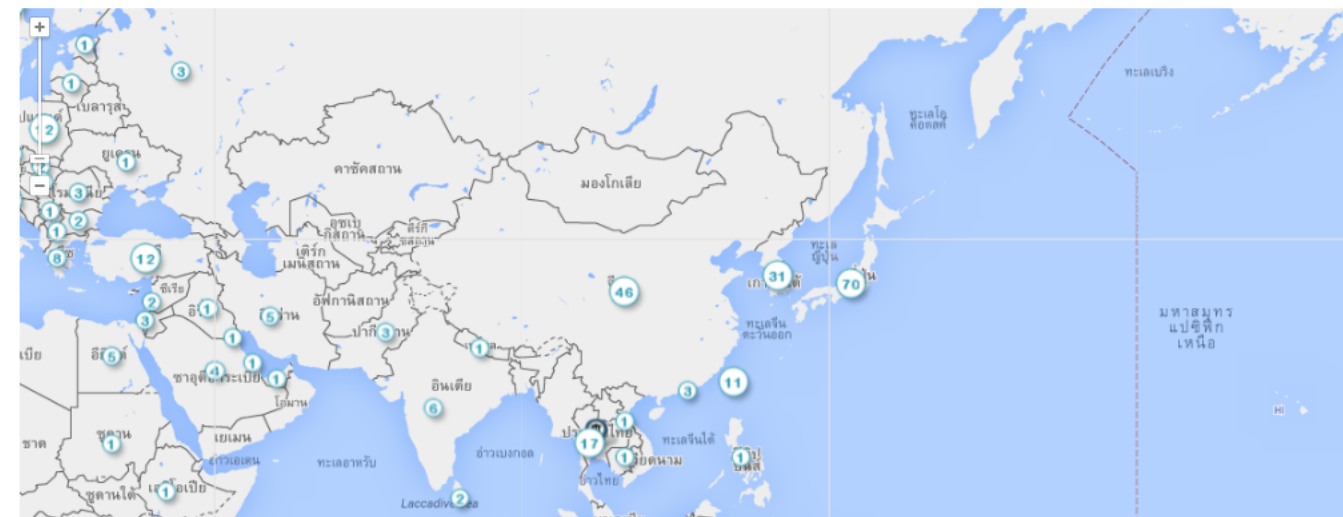
Asia Pacific

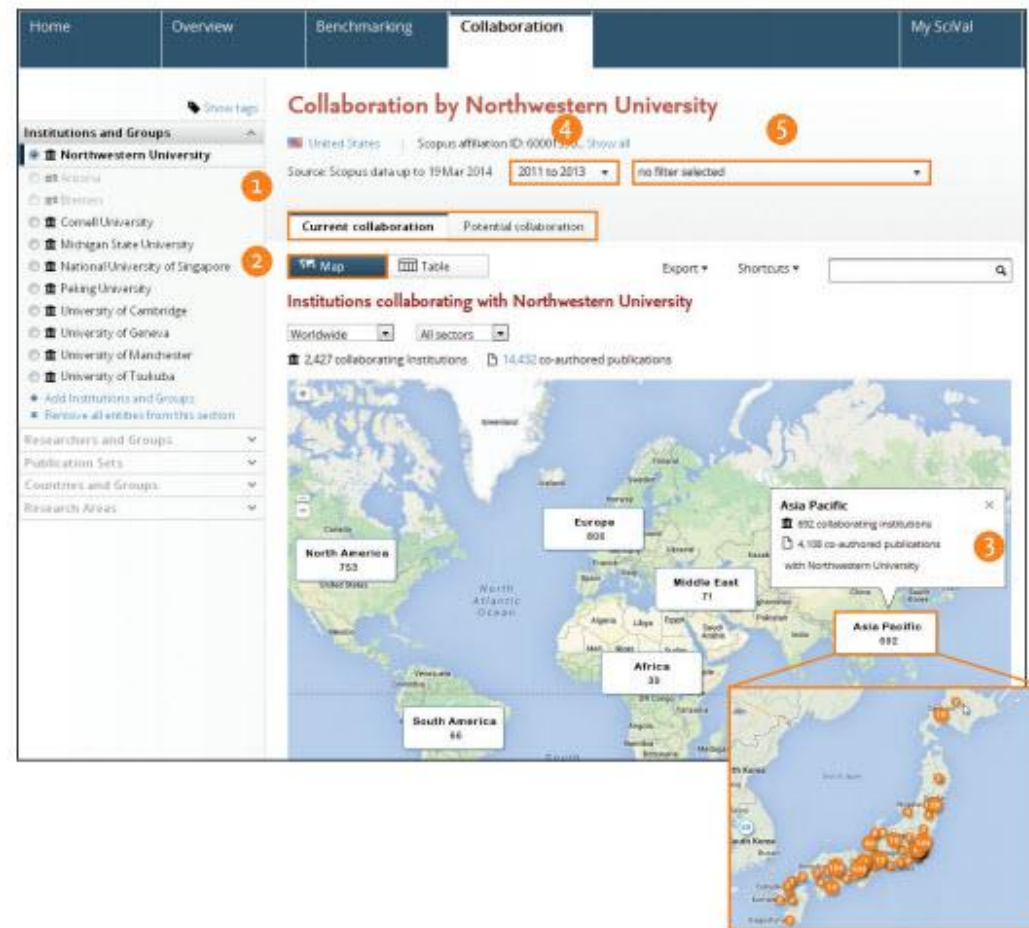
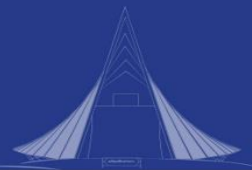
All countries

Academic

238 collaborating Institutions

1,059 co-authored publications





- 1 **Current collaboration tab** helps you to explore existing collaboration opportunities providing ranking of institutes and authors based on output and impact related metrics.

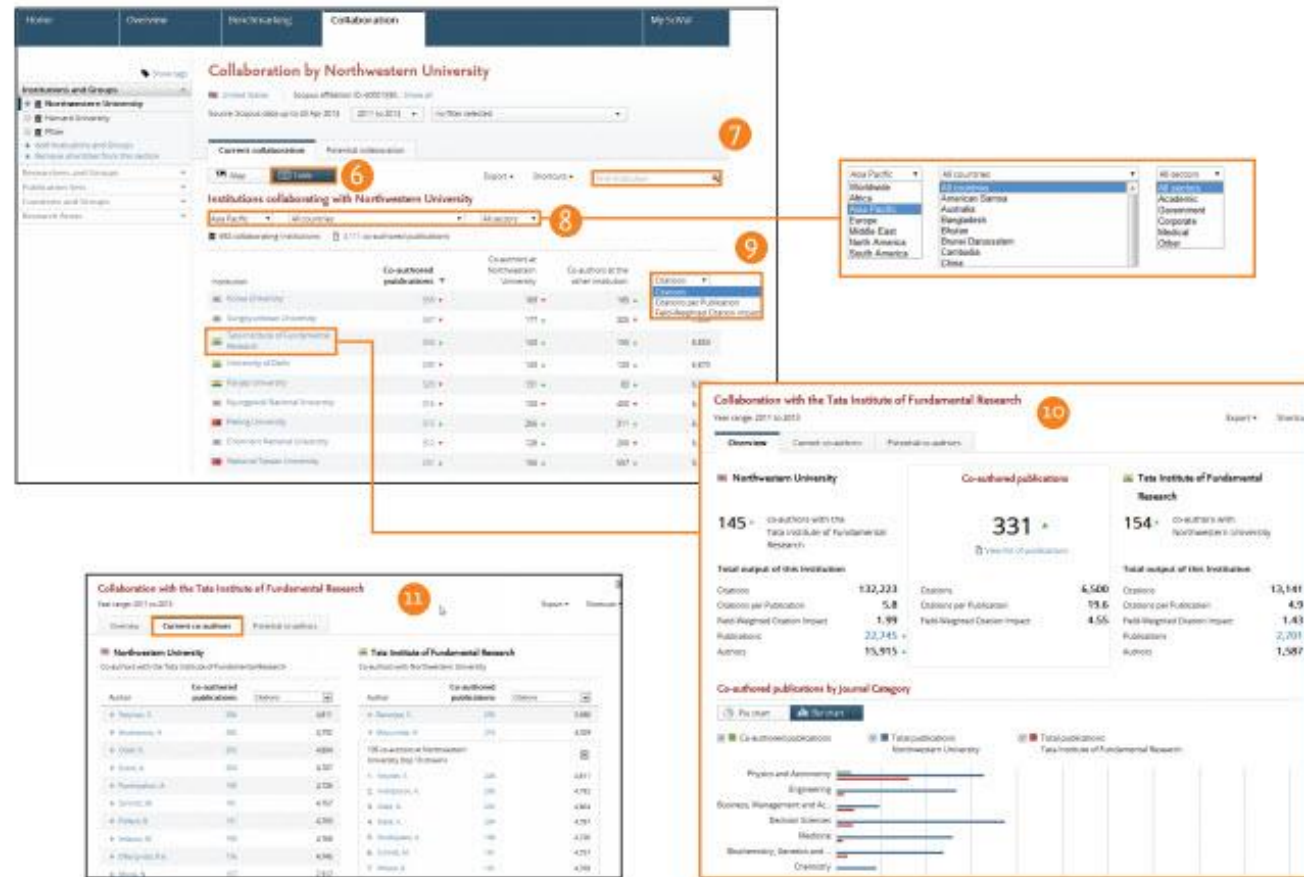
**Potential collaboration tab** identifies institutions that you haven't yet co-authored any publications with.

- 2 **Select map view** to understand an institution's existing collaboration landscape on Google maps.
- 3 **Click on each region to zoom in** and understand collaboration country wise or state wise.

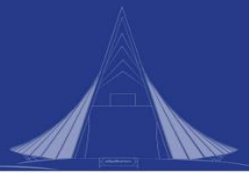
- 4 **Select year range from:**
- 3 years (2011 to 2013)
  - 3 years + current year (2011 to 2014)
  - 3 years + current year + beyond current year (2011 to >2014)
  - 5 years (2009 to 2013)
  - 5 years + current year (2009 to 2014)
  - 5 years + current year + beyond current year (2009 to >2014)

- 5 **Filter subject area** using 27 top level and 334 lower level subject areas based on Scopus ASJC or your self-defined **Research Areas**.





- 6 Select **table view** to access list of collaborating institutions.
- 7 Search **institutions** by name.
- 8 Limit **collaborating institutions by region, country and segments** using a drop-down box.
- 9 Sort **collaborating institutions by impact** using:
  - Citations
  - Citations per Publication
  - Field-Weighted Citation Impact
- 10 Select **institutions** to:
  - Assess output and impact of co-authored publications relative to performance of the entire institution
  - View the subject area spread of co-authored publications
- 11 Identify **collaborating authors** from each institution and identify which authors collaborate with each other.



# Trends Module



# Trends Module

SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

My SciVal

Scopus ↗

👤 Narisra Komalawardhana



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[Go to Trends >](#)



### Reporting

Create rich Reports specifically tailored to support your institution's distinct research strategy.



[Go to Reporting >](#)



# Trends Module

Overview Benchmarking Collaboration Trends Reporting My SciVal

## Arts a

2013 to >2013

### Summary

#### Overall

Scholarly Out  
115

View list

Views Count  
2,293

Source: Scopus

### Keyphrase analysis ⓘ

Top 50 keyphrases by relevance, based on 115 publications | [Learn about keyphrase calculations >](#)

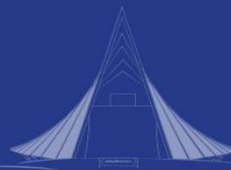
### Analyze Research Trends

Analyze the research trends of any Research Area with citation and usage data, to discover the top performers, rising stars and current developments in the field.

- View the overall performance of a Research Area, then dig deeper into the activity and impact of the institutions, countries, authors and journals involved and adjust your research strategy accordingly
- Usage information complements citation data to give a more complete picture of research performance

Would you like to get a tour of the Trends module?

[Show me!](#) [No, Thanks](#)



# Trends Module

## Define a new Research Area

[View quick guide](#)×

1. Create definition

2. Refine definition

3. Save definition

Use search terms

Use entities

Define a new Research Area based on one or more search terms

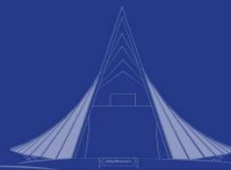
[Enter search terms](#)

**Medicine**

Type important terms (e.g. solar flare) or an exact word or phrase (e.g. "solar flare") [More tips](#)

[+ Add another field](#)

Search >



# Trends Module

## Define a new Research Area

[View quick guide](#)

1. Create definition

2. Refine definition

3. Save definition

### Refine your definition by applying one or more filters

Definition of your Research Area: **medicine**

Subject areas

Scopus sources

Institutions

Countries

Organization types

> Total matching publications (2013-present)

324,377

Currently applied filters:  
No filters applied yet

Name	Publications
<input checked="" type="checkbox"/> Medicine	216,439
<input type="checkbox"/> Biochemistry, Genetics and Molecular Biology	63,503
<input type="checkbox"/> Pharmacology, Toxicology and Pharmaceutics	40,499
<input type="checkbox"/> Health Professions	19,723
<input type="checkbox"/> Agricultural and Biological Sciences	18,909
<input type="checkbox"/> Chemistry	17,541
<input type="checkbox"/> Engineering	16,513
<input type="checkbox"/> Social Sciences	14,318
<input type="checkbox"/> Immunology and Microbiology	13,924

Limit to

Exclude

☒ Limit to publications in the past 5 years

< Previous step

Next step >



# Trends Module

## Define a new Research Area

[View quick guide](#)

1. Create definition2. Refine definition3. Save definition

### Refine your definition by applying one or more filters

Definition of your Research Area: **medicine**

Subject areas

Scopus sources

Institutions

Countries

Organization types

Name	Publications
<input type="checkbox"/> Pakistan	1,356
<input type="checkbox"/> Portugal	1,335
<input type="checkbox"/> Saudi Arabia	1,332
<input checked="" type="checkbox"/> Thailand	1,301
<input type="checkbox"/> Russian Federation	1,295
<input type="checkbox"/> Mexico	1,239
<input type="checkbox"/> Czech Republic	1,187
<input type="checkbox"/> New Zealand	1,156
<input type="checkbox"/> Singapore	1,126
<input type="checkbox"/> Finland	1,038

Limit to

Exclude

☒ Limit to publications in the past 5 years

Currently applied filters:  
**Medicine**

< Previous step

Next step >



# Trends Module

## Define a new Research Area

[1. Create definition](#) [2. Refine definition](#) [3. Save definition](#)

Refine your definition by applying one or more filters

Definition of your Research Area: **medicine**

Subject areas

Scopus sources

Institutions

Countries

Organization types

Name	Publications
<input checked="" type="checkbox"/> Mahidol University	201
<input type="checkbox"/> Khon Kaen University	113
<input type="checkbox"/> Chulalongkorn University	69
<input type="checkbox"/> Chiang Mai University	58
<input type="checkbox"/> University of Oxford	44
<input type="checkbox"/> Thammasat University	42
<input type="checkbox"/> Prince of Songkla University	41
<input type="checkbox"/> Armed Forces Research Institute of Medical Sciences, Thailand	37
<input type="checkbox"/> Mahasarakham University	27

Limit >

Exclude >

☒ Limit to publications in the past 5 years

Currently applied filters:

Medicine X AND Thailand X AND (

Immunology and Microbiology X OR

Biochemistry, Genetics and Molecular

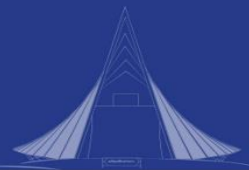
Biology X OR Pharmacology,

Toxicology and Pharmaceuticals X OR

Health Professions X)

[< Previous step](#)[Next step >](#)





Currently applied filters:

Medicine X AND Thailand X AND (

Immunology and Microbiology X OR

Biochemistry, Genetics and Molecular

Biology X OR Pharmacology,

Toxicology and Pharmaceutics X OR

Health Professions X) AND Mahidol

University X

# Trends Module

## Define a new Research Area

[View quick guide](#) X

1. Create definition

2. Refine definition

3. Save definition

Save your Research Area as

Medicine-Mahidol

16 of 300

Add tags (optional)



This Research Area will be updated approximately every two weeks with new publications matching the definition.

[View Research Area Summary](#) v

[< Previous step](#)

[Save and finish >](#)

[Save and define another Research Area >](#)

# Keyphrase analysis Trends Module

Top 50 keyphrases by relevance, based on 201 publications | [Learn about keyphrase calculations](#) ↗



AAA relevance of keyphrase | declining AAA growing (2013-2017)



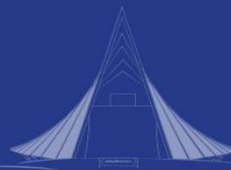
# Exercises



# Evaluation

1. หากต้องการทราบจำนวนผลงานตีพิมพ์ citation และจำนวนนักวิจัยสาขาวิชาที่ร่วมกันมากที่สุด ของมหาวิทยาลัยมหิดลที่มีความร่วมมือกับมหาวิทยาลัยในประเทศไทย 5 ลำดับแรก ตั้งแต่ ปี ค.ศ. 2016





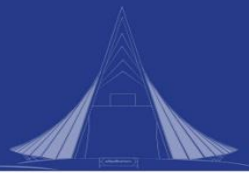
2. อาจารย์กำลังจะเดินทางไปเยี่ยมมหาวิทยาลัยโอซาก้า ประเทศญี่ปุ่น  
อยากทราบว่า มหาวิทยาลัยมหิดล มีความร่วมมือด้านไหนบ้างกับมหาวิทยาลัยนี้





3. อาจารย์มัลลิกา อิมวงศ์ อาจารย์ประจำคณะเวชศาสตร์เขตร้อน เป็นอาจารย์ที่มีผลงานวิจัยจำนวนมาก อยากทราบว่าอาจารย์มีผลงานอะไรบ้างที่ร่วมมือกับ University of Oxford, UK

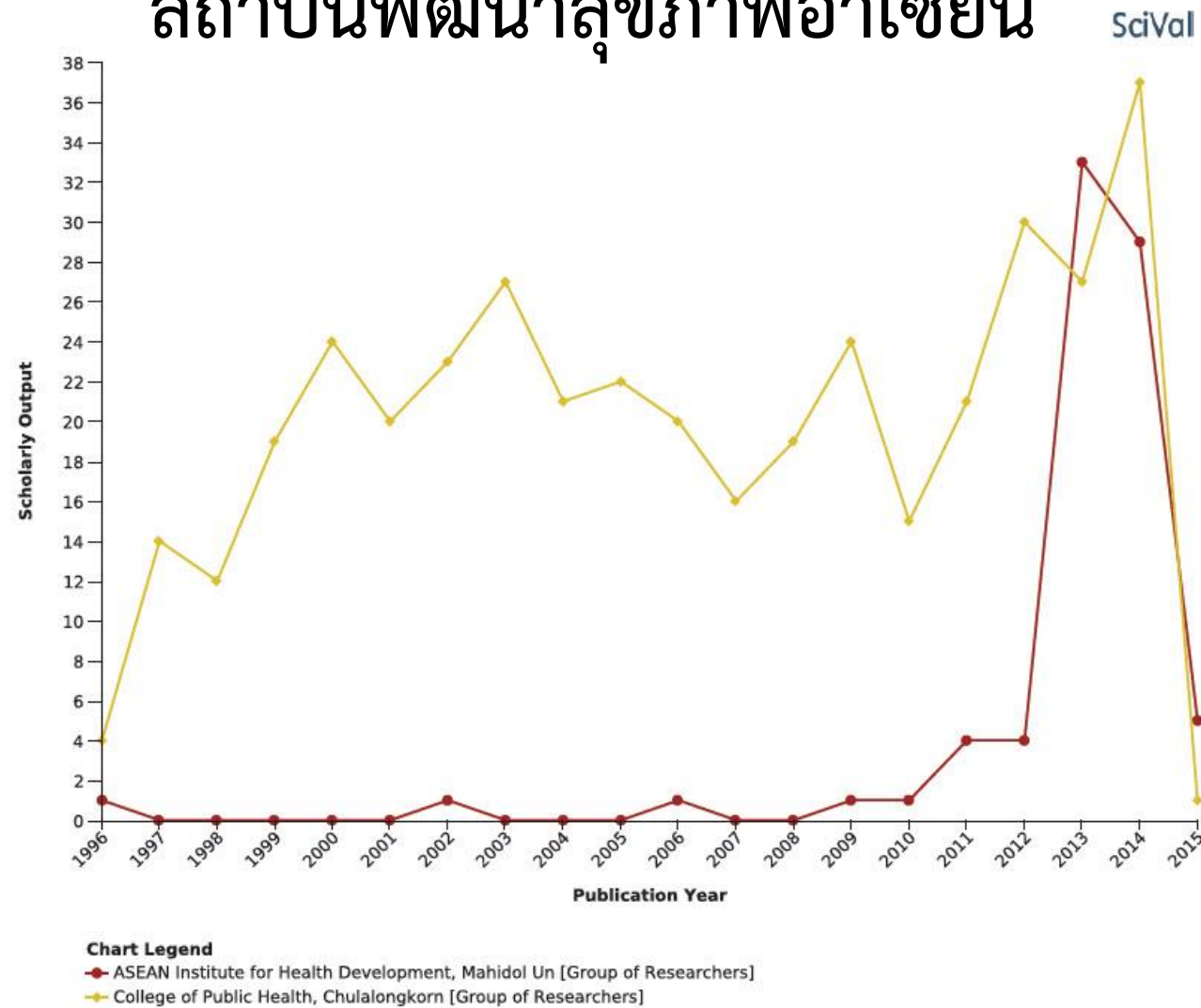


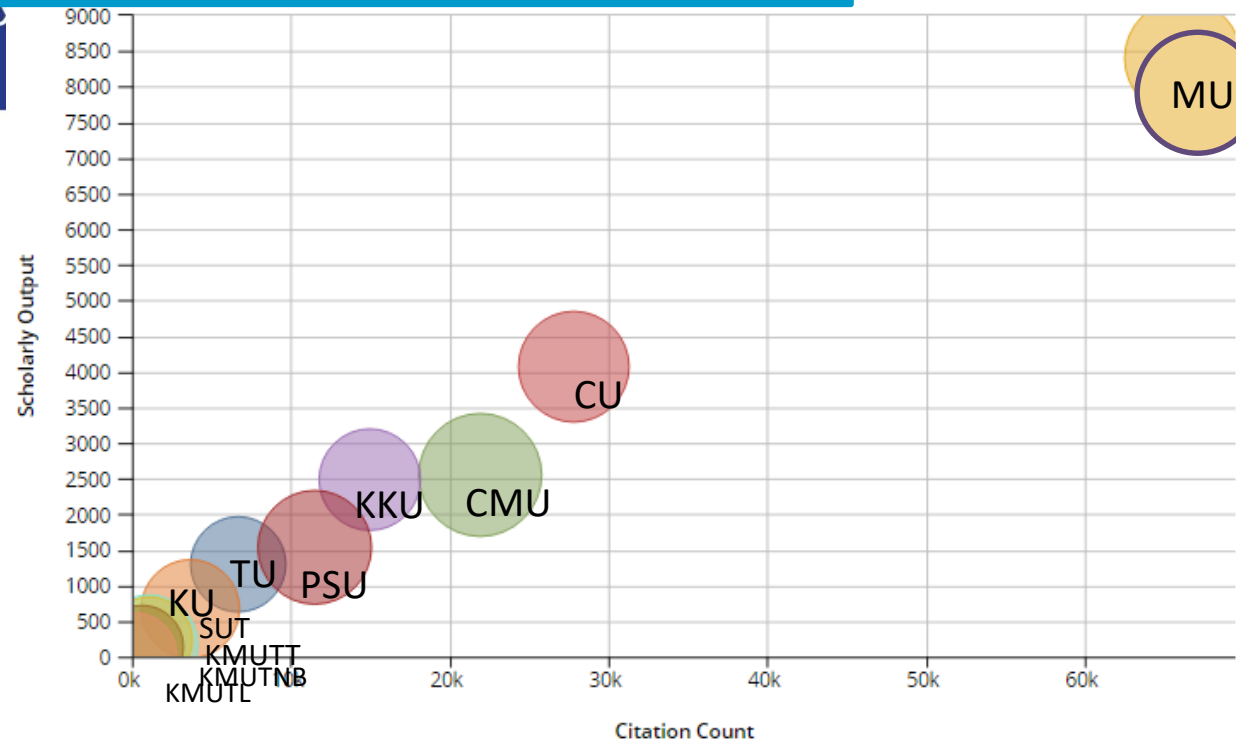
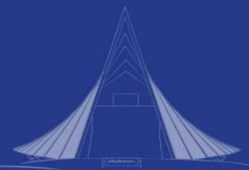


# Case Study

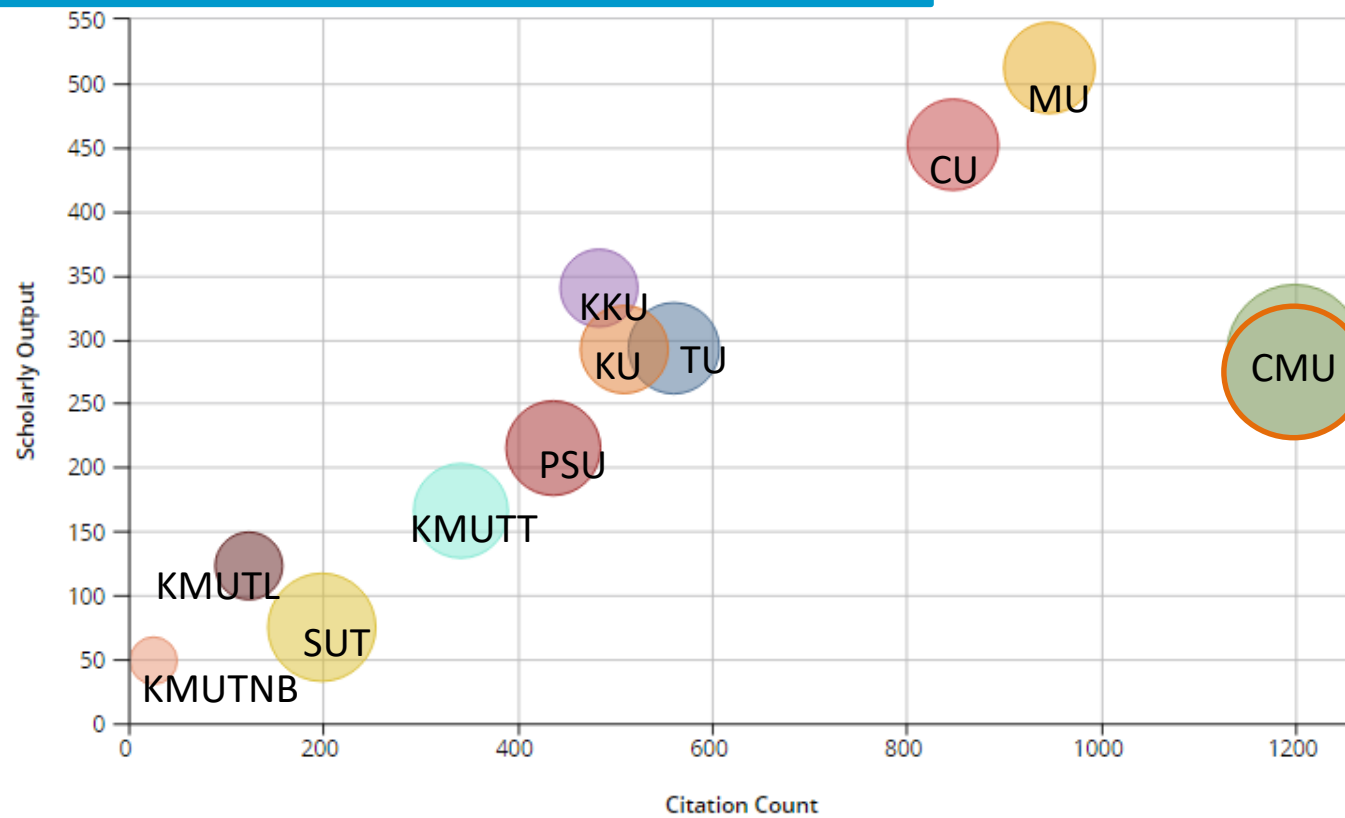


# สถาบันพัฒนาสุขภาพอาเซียน





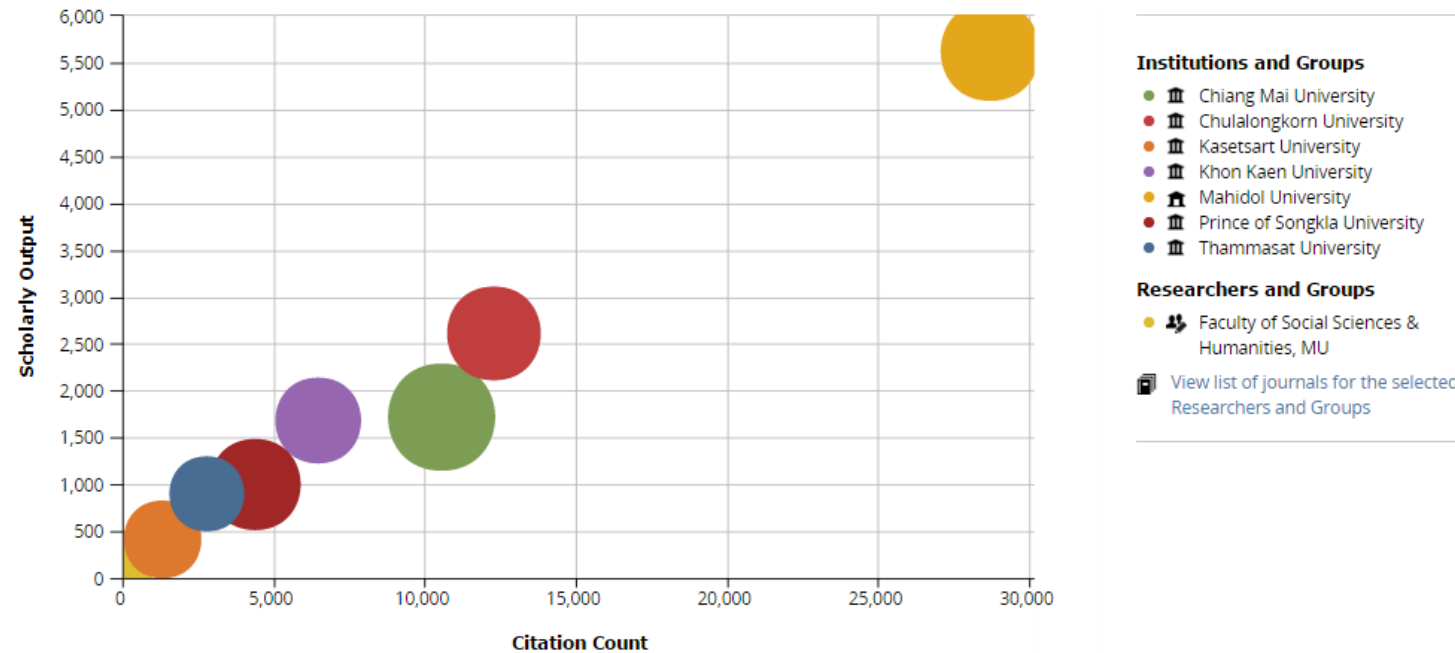
Entity	Scholarly Output ▾	Citation Count	Citations per Publication
Mahidol University	8,401	66,085	7.9
Chulalongkorn University	4,071	27,723	6.8
Chiang Mai University	2,552	21,833	8.6
Khon Kaen University	2,486	14,880	6.0
Prince of Songkla University	1,536	11,408	7.4
Thammasat University	1,298	6,592	5.1
Kasetsart University	673	3,580	5.3
Suranaree University of Technology	237	990	4.2
King Mongkut's University of Technology Thonburi	178	946	5.3
King Mongkut's Institute of Technology Ladkrabang	139	534	3.8
King Mongkut's University of Technology North Bangkok	31	118	3.8



Entity	Scholarly Output	Citation Count	Citations per Publication
Mahidol University	512	945	1.8
Chulalongkorn University	452	846	1.9
Khon Kaen University	340	482	1.4
Thammasat University	293	559	1.9
Kasetsart University	292	508	1.7
Chiang Mai University	290	1,197	4.1
Prince of Songkla University	215	435	2.0
King Mongkut's University of Technology Thonburi	166	340	2.0
King Mongkut's Institute of Technology Ladkrabang	123	122	1.0
Suranaree University of Technology	75	197	2.6
King Mongkut's University of Technology North Bangkok	49	24	0.5



## Research Area: Medicine



Entity	Scholarly Output	Citation Count ▾	Citations per Publication
Mahidol University	5,621	28,702	5.1
Chulalongkorn University	2,611	12,261	4.7
Chiang Mai University	1,718	10,531	6.1
Khon Kaen University	1,682	6,450	3.8
Prince of Songkla University	999	4,357	4.4
Thammasat University	900	2,760	3.1
Kasetsart University	414	1,299	3.1
Faculty of Social Sciences & Humanities, MU	21	34	1.6

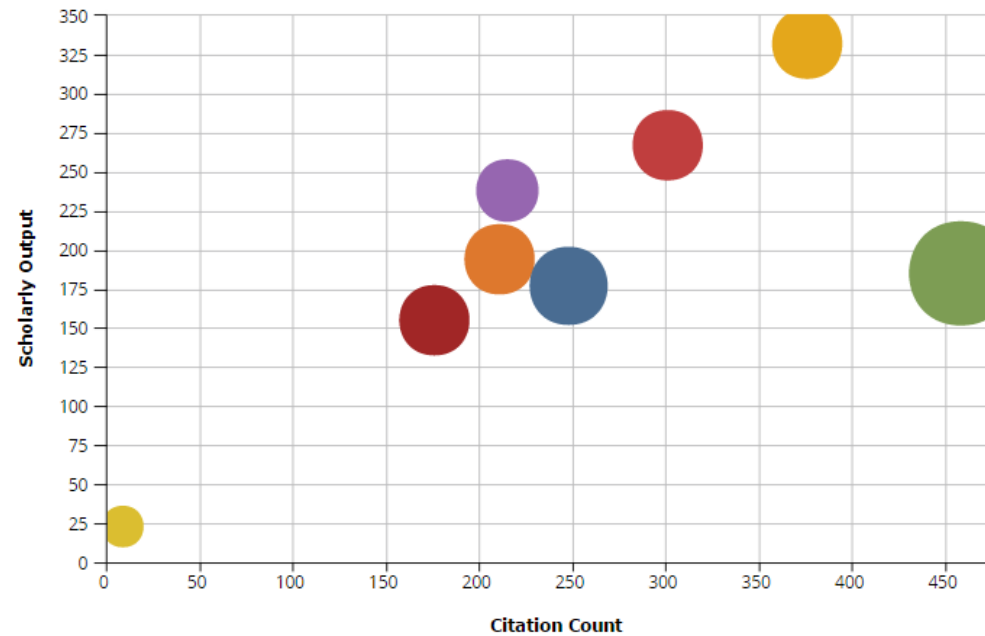


## Research Area: Medicine

Scholarly Output

Citation Count

Citations per Publication



## Institutions and Groups

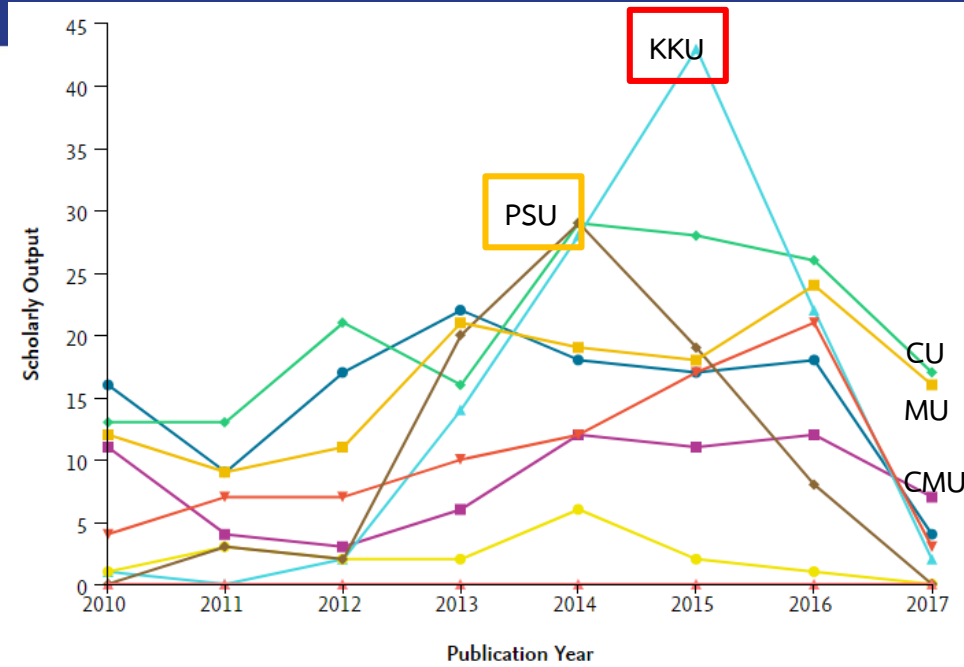
- Chiang Mai University
- Chulalongkorn University
- Kasetsart University
- Khon Kaen University
- Mahidol University
- Prince of Songkla University
- Thammasat University

## Researchers and Groups

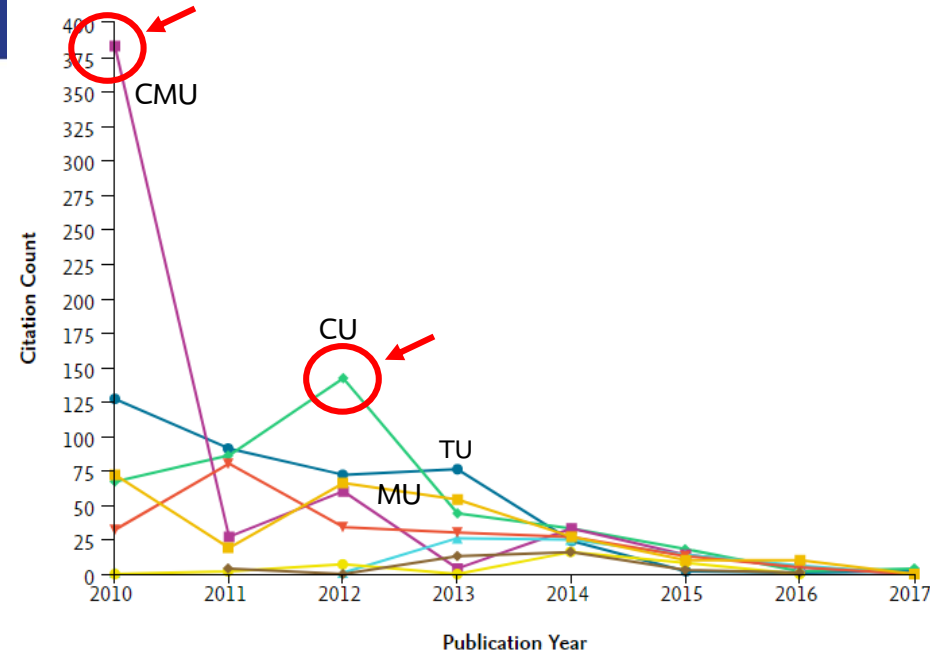
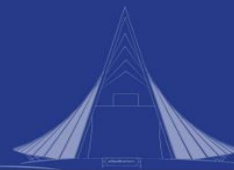
- Faculty of Social Sciences & Humanities, MU

[View list of journals for the selected Researchers and Groups](#)

Entity	Scholarly Output	Citation Count	Citations per Publication
Chiang Mai University	185	458	2.5
Thammasat University	177	248	1.4
Mahidol University	332	376	1.1
Chulalongkorn University	267	301	1.1
Kasetsart University	194	211	1.1
Prince of Songkla University	155	176	1.1
Khon Kaen University	238	215	0.9
Faculty of Social Sciences & Humanities, MU	23	9	0.4



Entity	2010	2011	2012	2013	2014	2015	2016	2017	Overall
Chulalongkorn University	13	13	21	16	29	28	26	17	163
Mahidol University	12	9	11	21	19	18	24	16	130
Thammasat University	16	9	17	22	18	17	18	4	121
Khon Kaen University	1	0	2	14	28	43	22	2	112
Kasetsart University	4	7	7	10	12	17	21	3	81
Prince of Songkla University	0	3	2	20	29	19	8	0	81
Chiang Mai University	11	4	3	6	12	11	12	7	66
King Mongkut's University of Technology Thonburi	1	3	2	2	6	2	1	0	17
Suranaree University of Technology	0	0	0	0	0	0	0	0	0



72%  
of Overall

Entity	2010	2011	2012	2013	2014	2015	2016	2017	Overall
Chiang Mai University	383	27	60	4	33	14	5	0	526
Chulalongkorn University	67	86	142	44	33	18	2	4	396
Thammasat University	127	91	72	76	24	2	1	2	395
Mahidol University	72	19	66	54	27	10	10	0	258
Kasetsart University	32	80	34	30	27	13	5	0	221
Khon Kaen University	1	-	1	26	25	14	6	0	73
Prince of Songkla University	-	4	0	13	16	3	1	-	37
King Mongkut's University of Technology Thonburi	0	2	7	0	16	8	0	-	33
Suranaree University of Technology	-	-	-	-	-	-	-	-	-





## Institutions and Groups

- Chiang Mai University
- Chulalongkorn University
- Kasetsart University
- Khon Kaen University
- King Mongkut's University of Technology Thonburi

## Mahidol University

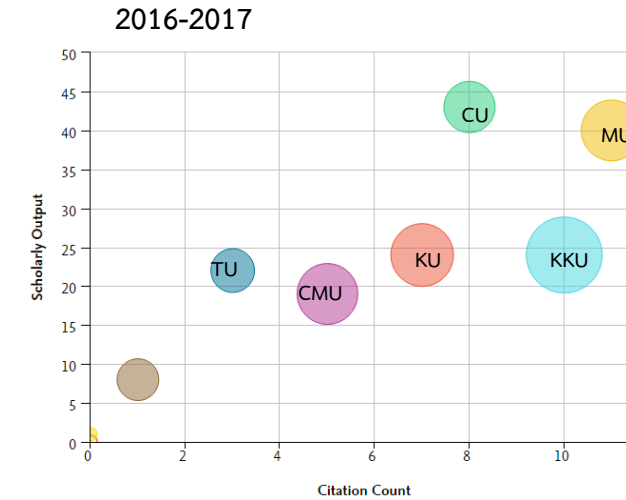
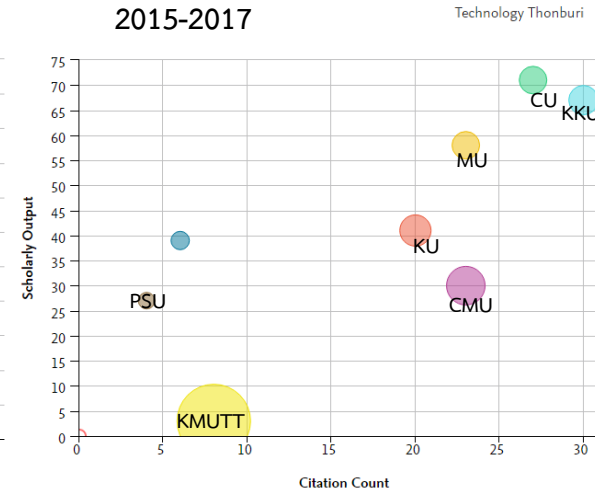
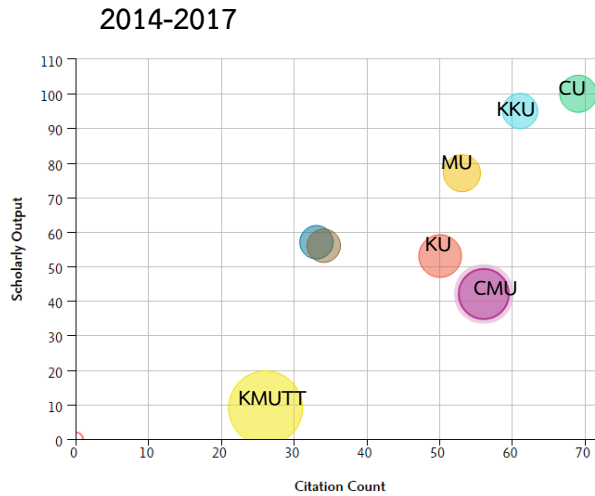
- Prince of Songkla University
- Suranaree University of Technology
- Thammasat University

## Scholarly Output

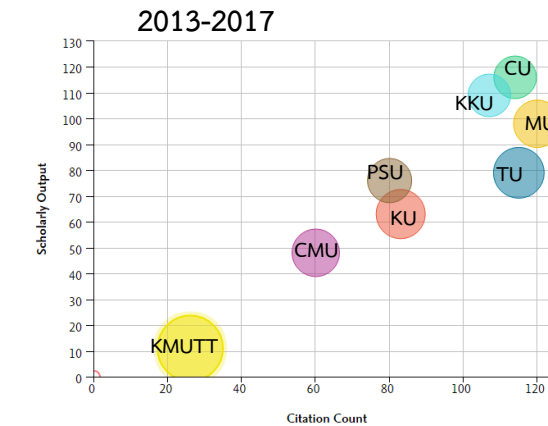
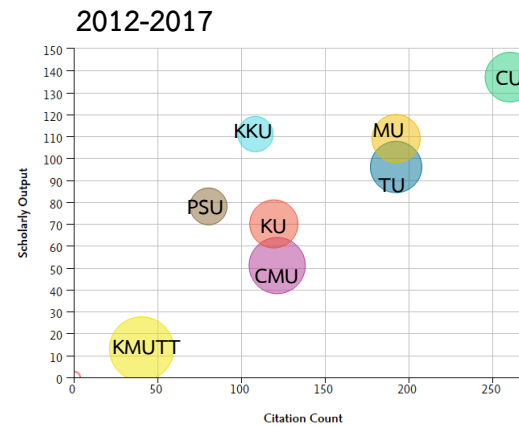
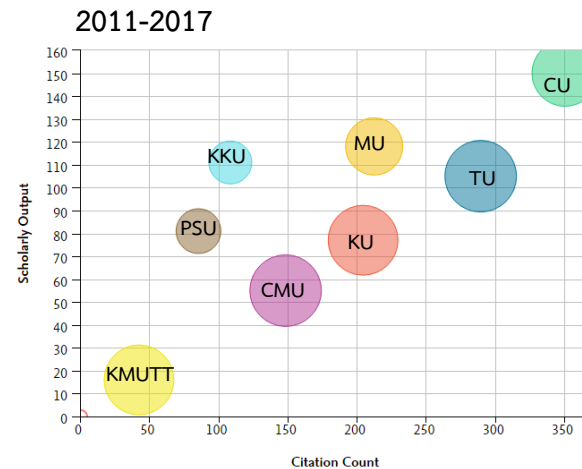
Citation Count

Citations per Publication

## Backward 3 Years



## Backward 6 Years





# More Information

<http://intranet.mahidol/op/orra/SciVal.html>

[https://op.mahidol.ac.th/ra/research\\_info\\_SCIVAL/](https://op.mahidol.ac.th/ra/research_info_SCIVAL/)



## สารสนเทศงานวิจัย



e – Databases



Mahidol IR



SciVal



Beall's List of Predatory  
Journals and Publishers



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จริยธรรมการวิจัย  
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มหาวิทยาลัยมหิดล  
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อ.พุทธมณฑล จ.นครปฐม 73170



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<http://www.scival.com>



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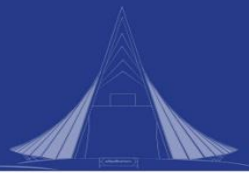
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SciVal Metrics Guidebook



User Guide for SciVal Spotlight



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ผู้เข้ารับการอบรมเชิงปฏิบัติการ เรื่อง

“การใช้งานโปรแกรม SciVal เบื้องต้น”



<https://forms.gle/HyzRtw4AcMJRPgmg6>

# Question & Answer



ติดต่อ ดร.นริศรา โกมลวรรณะ สถาบันชีววิทยาศาสตร์โมเลกุล

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