



“การวิเคราะห์และใช้งานโปรแกรม SciVal ตามแนวทางยุทธศาสตร์ ด้านวิจัยมหาวิทยาลัยมหิดล (SciVal for AXiiS)”

ครั้งที่ 2/2567

21 มีนาคม 2567

เวลา 9.00 – 12.00 น.

ผ่านระบบ Cisco Webex Meeting



อ. ดร.นริศรา โกมลวรรณนะ
ศูนย์วิจัยและพัฒนาอุปกรณ์ชีวการแพทย์
สถาบันชีววิทยาศาสตร์โมเลกุล



Narisra Komalawardhana

Institute of Molecular Biosciences, Mahidol University

Education

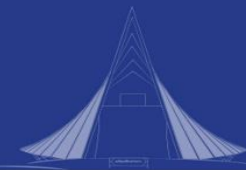
Ph.D. in Science and Technology Education

Institute of Innovative for Learning, Mahidol University

Professional

- 2020 – Now Head of Biomedical Instrumentation for Research and Development Center, Institute of Molecular Biosciences, Mahidol University
- 2013 – 2020 Head of Research Information and public relation Unit, Research Division, Mahidol University
- 2002 – 2012 Private Sectors related to Information Technology in business/ Data Analyst/Business Analyst/Project Manager





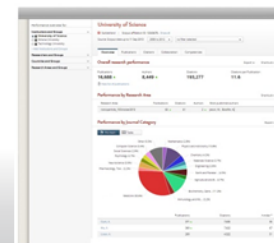
Outline

1. What is SciVal?
2. Overview Module
3. Benchmarking Module
4. Collaboration Module
5. Trends Module
6. Exercise/ Case study
7. SciVal for AXiiS



Visualize research performance

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



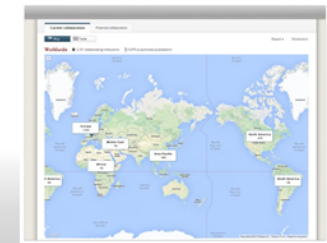
Benchmark your progress

Flexibility to create and compare any research groups



Develop collaborative partnerships

Identify and analyze existing and potential collaboration opportunities



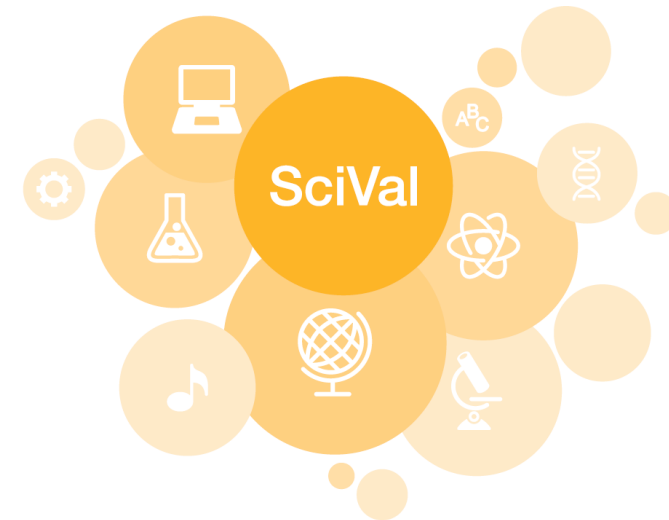


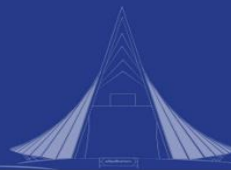
SciVal

- ELSEVIER web-based Tool : Scopus
- Research management information and business intelligence : Performance, Collaboration, Benchmarking, Trends
- University use “**SciVal**” for monitor research performance and manage research strategy, policy, KPI, ranking in level of researcher, faculties/institutes, universities and countries



SciVal





Unlock the promise of your research

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

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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 >>](#)





Unlock the promise of your research

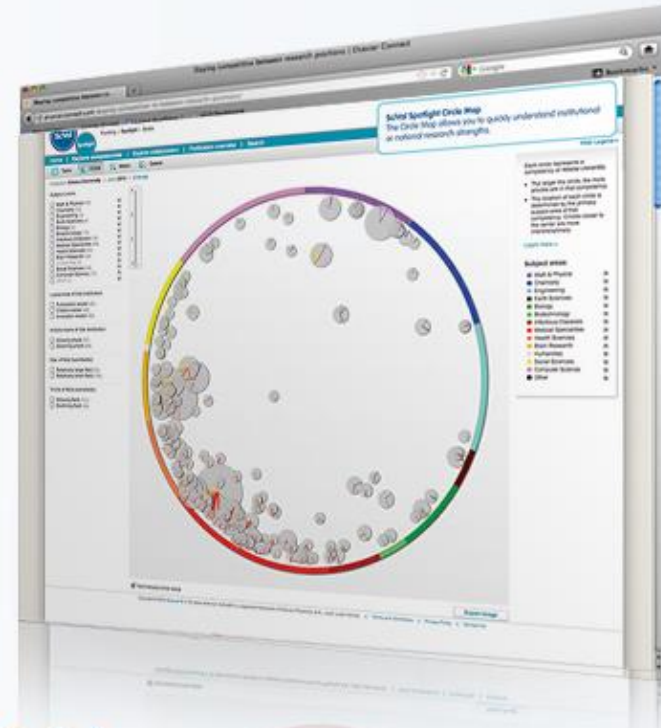
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- News & Events
- Resource Library
- FAQ

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

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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](#)



Login



www.li.mahidol.ac.th > e resource > e databases > SciVal

www.scival.com

The screenshot shows a web browser at the URL li.mahidol.ac.th/e-databases/. The navigation bar includes a home icon, an "e-Resource" dropdown menu (highlighted with a red box), and other menu items: "Research Support", "บริการห้องสมุด", "คลังความรู้อื่นๆ", and "เกี่ยวกับหอสมุดฯ".

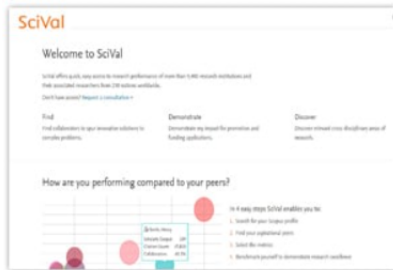
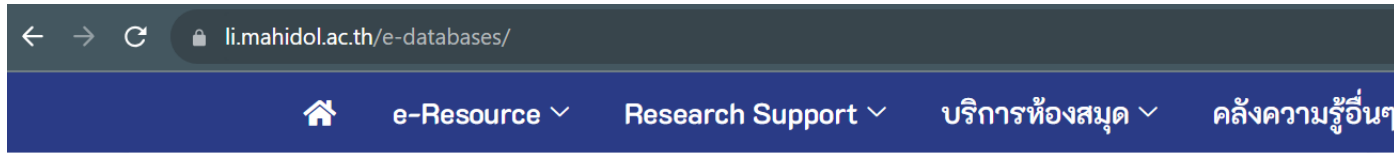
The main content area displays several resource categories:

- e-Databases** (highlighted with a red box)
- Publication Finder (Journals A to Z)
- List of subscribed by Faculty
- e-Resource Access
- e-Book
- E-Newspaper
- Mahidol Library OER
- e-Theses
- Trial Databases
- Free Access During COVID-19

A dropdown menu for "e-Databases" is open, showing a list of options:

- Online Training / Workshop
- e-Databases
- e-Books
- Online Tutorials
- e-Theses
- Trial Databases
- Library Instruction Team
- E-Newspaper
- e-Resource Access
- Journals A to Z
- List of subscribed by Faculty
- e-Databases Training
 - Online Training / Workshop
 - Online Tutorials
 - Library Instruction

At the bottom of the page, there is a section for "New User (Mahidol University)" with the instruction "1. User Registration for SciVal" and a red warning: "Restricted : MU access only".



SciVal

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. SciVal offers quick, easy access to the research performance of 7,500 research institutions and 220 nations worldwide.

New User (Mahidol University)

- 1. User Registration for SciVal

Restricted : MU access only



Mahidol eJournal Access



Zipv54

Zipv54

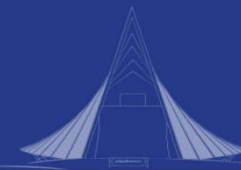
OK! You are not a robot

firstname.sur (for staff) or u61xxx or g61xxx

type your password

Log in

028002680-9 ext.4262,4265 Manual
liwww@mahidol.ac.th



Welcome to SciVal

SciVal provides access to the research performance of over 24,100 research institutions and their associated researchers, from 234 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.


Welcome

Enter your email to continue with SciVal

Email

Continue

Sign in via your institution




Find your institution

Enter your email or institution name to continue

Institutional email or name of institution

Continue




Find your institution

Enter your email or institution name to continue


Institutional email or name of institution
Mahidol University

- Mahidol University
- Mahidol University Ramathibodi Hospital
- Mahidol University Faculty of Medicine Siriraj Hospital
- Jönköping University
- Creighton University

Can't find your institution? Refine your search.



Enter your institutional email



Mahidol University

Institutional email

Continue

Try another institution



Check email

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Welcome,

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Mahidol University.

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https://id.elsevier.com/ext/EIARedeem?dgcid=raven_id_institutionalaccess_email_SCIVAL&emailSignIn=8PVwYhTGuoibZD7ADcbho3LuwlmjWN05BdQpj0Jlf0LdrgUVEBTySDksENEdD1hI&ui_locales=en-US

The Elsevier team



My SciVal Scopus 23

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

Mahidol University

SciVal Preferences

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- My SciVal
- My Tags

Account Information

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[Sign out](#)

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

.....

ELSEVIER

Sign in

Enter your password to sign in to IdentitySettings

Email
narisra.kom@mahidol.ac.th

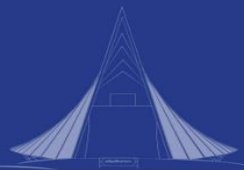
Password
|_____

[Forgot password?](#)

Stay signed in (not recommended for shared devices)

[Sign in](#)

[Sign in with a different account](#)



Welcome to SciVal



Overview



View the research performance of Researchers, Institutions, Countries and more.



Benchmarking



Compare and benchmark the research performance of anything in SciVal.



Collaboration



Explore the collaboration of Institutions, Countries and Researchers.



Trends

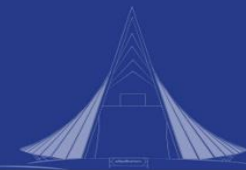


Dive deeper into an area of interest.

💡 Research Areas provided by SciVal: [Quantum Simulation](#) | [SDG 15: Life on Land \(2022\)](#) | [View more](#)



Overview Module



Welcome to SciVal



Overview



View the research performance of Researchers, Institutions, Countries and more.



Benchmarking



Compare and benchmark the research performance of anything in SciVal.



Collaboration



Explore the collaboration of Institutions, Countries and Researchers.



Trends



Dive deeper into an area of interest.

💡 Research Areas provided by SciVal: [Quantum Simulation](#) | [SDG 15: Life on Land \(2022\)](#) | [View more](#)



SciVal

☰ Institutions and Groups

Search

★ Favorites

Mahidol University

Mahidol University ★

มหาวิทยาลัยมหิดล

Thailand | [More details on this Institution](#)

2020 to >2023 All subject areas ASJC

Report from template

Data sources

Summary Topics Rankings Collaboration Published Viewed Cited Authors Patent Impact Media Impact Awarded Grants

+ Add Summary to Reporting [Export](#) ▼

Overall research performance

+ Add to Reporting

15,310 ▲

Scholarly Output ⓘ

61.1% All Open Access

[View list of publications](#)

11,831 ▲

Authors

1.10

Field-Weighted Citation Impact ⓘ

[Yearly breakdown](#)

90,975

Citation Count ⓘ

5.9

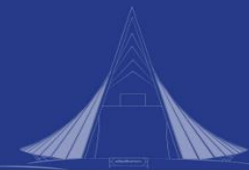
Citations per Publication ⓘ

112

h5-index ⓘ



Analyze your Home Institution (above) or add other ones.



Researchers and Group



SciVal

Hide tags

Researchers and Groups

Your profile

- Komalwardhana, Narisra

Others

- LA_MU

+ Add new

Clean this section

SciVal

Hide tags

Find existing researcher or group

Advanced search

- + Define a new Researcher
- + Define a new Group of Researchers
- + Import Researchers
- + Synchronize Groups



Define a new Researcher

Define a new Researcher



1. Search

2. Select

3. Validate publications (optional)

4. Save Researcher

i 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.

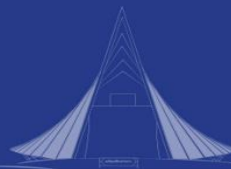
Last name

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 1 result

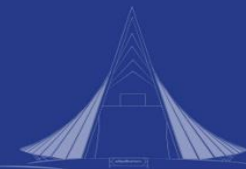
<input type="checkbox"/>	Author	Publications ↓	Subject Area	Affiliation	Country/Region
<input checked="" type="checkbox"/>	Komalawardhana, Narisra Komalwardhana, Narisra	4	Social Sciences, Computer Science	Mahidol University	Thailand

[Show recent publications](#)

[← 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

Komalawardhana, Narisra



Add tags (optional)



< Previous step

Save and define another Researcher >

Save and finish >



Researcher and Groups

Search

Your profile

- Komalawardhana, Narisra

Others

- Anurat, Kingthong
- Asavapanumas, Nithi
- Assawawiroonhakarn, Surapat
- Atiksawedparit, Pongsakorn
- Biochem Mahidol March 2020
- Biotech Mahidol March 2020
- Boongird, Chitima
- Boonkongchuen, Pairoj
- Boonprasert, Rattana
- Center of research BMI
- Charoenphandhu, Narattaphol
- Charoensri, Attawit

Komalawardhana, Narisra ☆

Mahidol University | View in Scopus | Your profile

2018 to >2023 | All subject areas | ASJC

Summary | Topics | Collaboration | Published | Viewed | Cited | Patent Impact

Overall research performance

5 Scholarly Output ⓘ 20.0% All Open Access View list of publications	1.62 Field-Weighted Citation Impact ⓘ Yearly breakdown	40 Citation Count ⓘ
8.0 Citations per Publication ⓘ	3 h-index ⓘ	3 h5-index ⓘ



SciVal

Hide tags

Researchers and Groups

Your profile

- Komalwardhana, Narisra

Others

- LA_MU

+ Add new

Clean this section

SciVal

Hide tags

Find existing researcher or group

Advanced search

- + Define a new Researcher
- + Define a new Group of Researchers**
- + Import Researchers
- + Synchronize Groups



Define a new Group of Researchers

Define a new Group of Researchers

All Researchers and Groups All tags

Type to filter All Person Group

- Abhicharttibutra, Kulwadee
- Baosung, 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, Doudngdaw
- 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

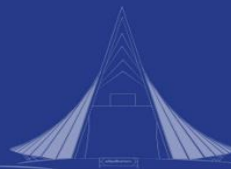
Type to filter



Tags

- My Researcher Group 1
 - + Add group
- Abhicharttibutra, Kulwadee
CMU_NS
- Baosoung, Chavee
CMU_NS
- Bhaktikul, Kampanad

Save and finish >



SciVal

Hide tags

Researchers and Groups

Your profile

- Komalwardhana, Narisra

Others

- LA_MU

+ Add new

Clean this section

SciVal

Hide tags

Find existing researcher or group

Advanced search

- + Define a new Researcher
- + Define a new Group of Researchers
- + Import Researchers
- + Synchronize Groups



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 ORCIDs in this field (one ID per row, max. 1,000).

Next step >



Need an example?



Download file



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)



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

<input type="checkbox"/> Name	Tags
<input type="checkbox"/> Faculty of Environmental	Added
<input type="checkbox"/> Bhaktikul, Kampanad	Added
<input type="checkbox"/> Boontanon, Narin	Added
<input type="checkbox"/> Chaiyarat, Rattanawat	Added
<input type="checkbox"/> Charmondusit, Kitikorn	Added
<input type="checkbox"/> Dilokwanich, Sittipong	Added
<input type="checkbox"/> 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

All entities you can use in S

Edit Researcher Group ✕

Change name

Name

Faculty of Environmental ✓

Modify Researcher Group

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

Save name > Open definition editor >

Charmondusit, Kitikorn Added



Edit your Group of Researchers

All Researchers and Groups All tags

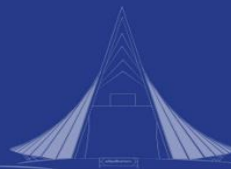
Type to filter All

- 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



Edit your 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, Bantthit

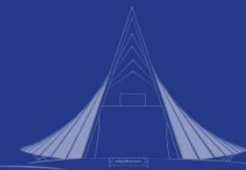
Hide tags

Type to filter

- My Researcher Group 1
- + Add group
- Abhicharttibutra, Kulwadee
CMU_NS
- Baosoung, Chavee
CMU_NS
- Bhaktikul, Kampanad



Group Sharing



SciVal

Hide tags
+ Add new

Researchers and Groups

- Bhaktikul, Kampanad
- My Researcher Group 1

Add to panel
Tags
Share
Edit
Delete
Export

	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 this entity with other SciVal users
	Abhicharttibutra, Kulwadee	CMU_NS	
	Baosoung, Chavee	CMU_NS	
	Bhaktikul, Kampanad		Added
	> NU_MU		Shared
	> NU_MU_Food Group		Shared



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

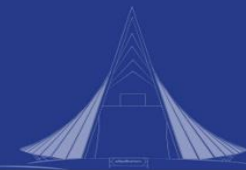
Can edit

Message (optional)

Send invitation >



Benchmarking Module



Welcome to SciVal



Overview



View the research performance of Researchers, Institutions, Countries and more.



Benchmarking



Compare and benchmark the research performance of anything in SciVal.



Collaboration



Explore the collaboration of Institutions, Countries and Researchers.



Trends



Dive deeper into an area of interest.

💡 Research Areas provided by SciVal: [Quantum Simulation](#) | [SDG 15: Life on Land \(2022\)](#) | [View more](#)



SciVal

4 entities selected [Deselect all](#) 2013 to 2023 All subject areas ASJC

Institutions and Groups

Search

★ Favorites [Deselect all](#)

- Mahidol University

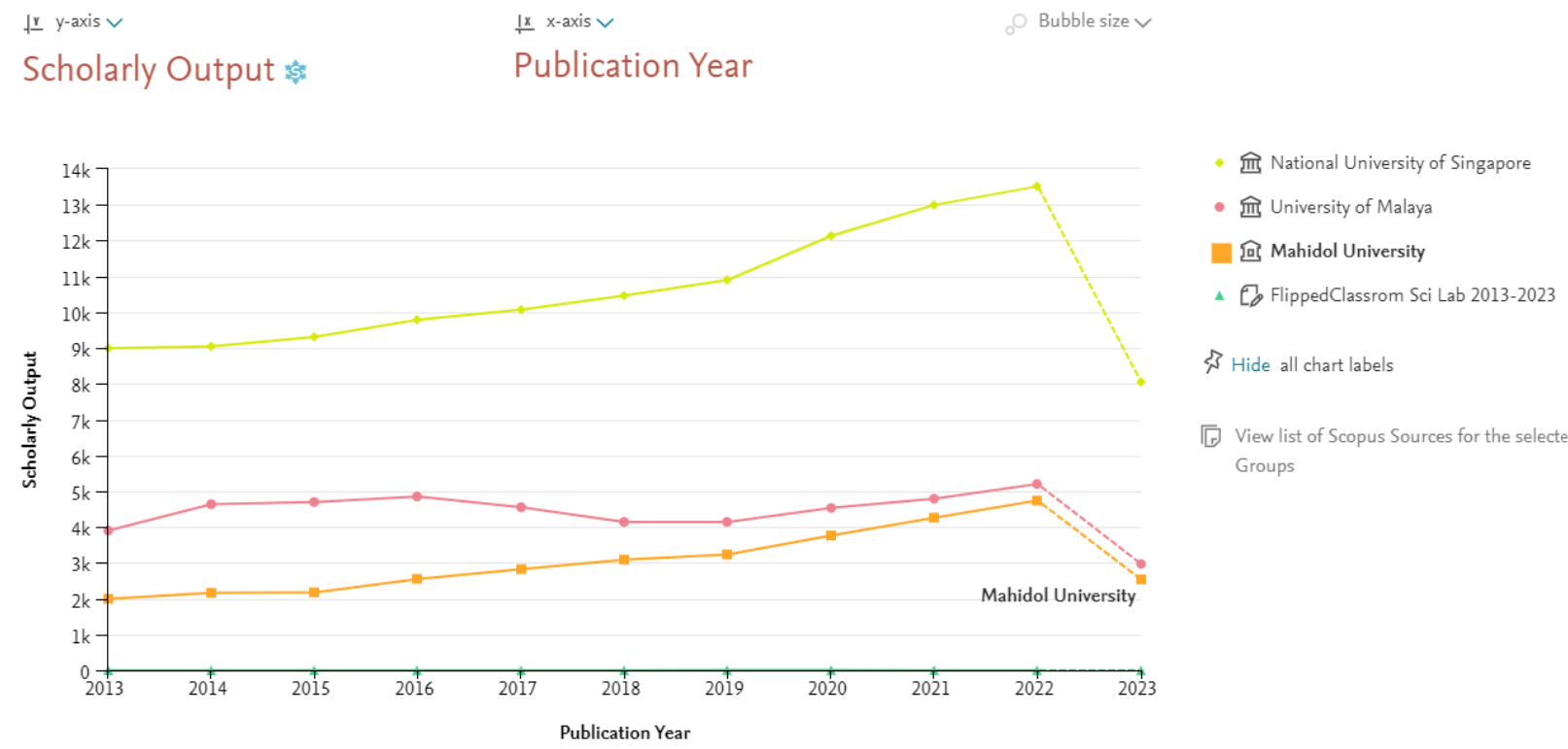
Others [Deselect all](#)

- National University of Singapore
- University of Malaya

[+ Add new](#) [Options...](#)

All Metrics Rankings Metrics

Table Chart [Metric guidance](#) [+ Add to](#)





3 entities selected Deselect all

Institutions and Groups

Search

★ Favorites Deselect all

- Mahidol University

Others Deselect all

- National University of Singapore
- University of Malaya

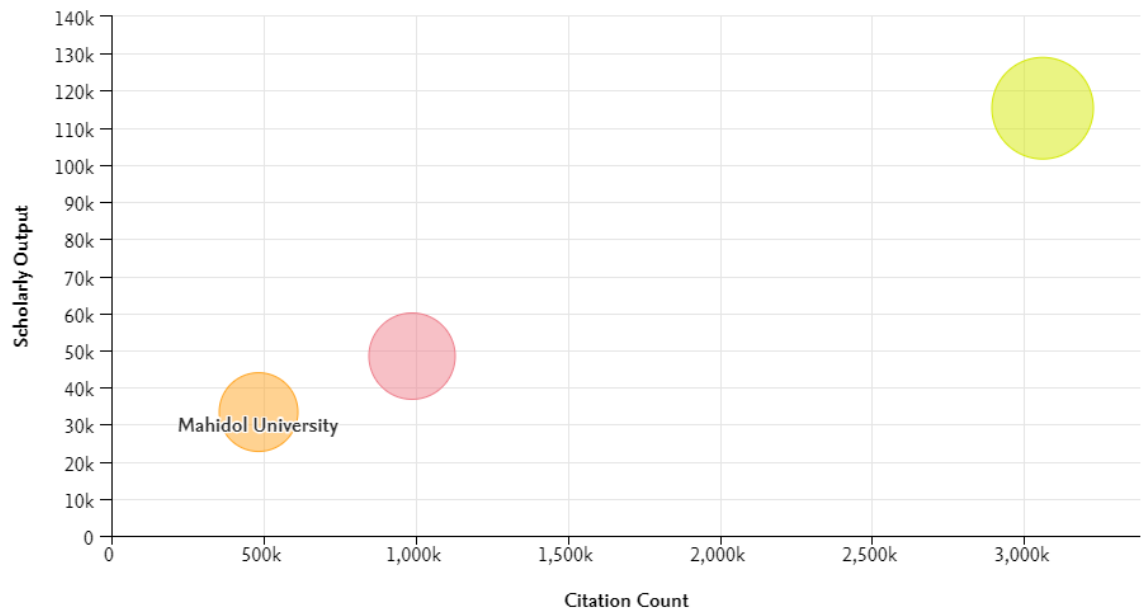
Benchmarking

2013 to 2023 ▼ All subject areas ▼ 🏠

📄 Table 📈 Chart 📄 Metric guidance ➕ Add to F

⬇️ y-axis Scholarly Output ⬆️ x-axis Citation Count 🔍 Bubble size Field-Weighted Citation Impact

View timeline motion chart



- 🟢 National University of Singapore
- 🟡 University of Malaya
- 🟠 Mahidol University

🌟 Hide all chart labels

📄 View list of Scopus Sources for the selected Groups



Field-Weighted Citation Impact

➕ Add new Options



SciVal Overview Benchmarking Collabo

2016 to >2022 v All subject areas

> Deselect all v Hide tags x

Institutions and Groups q

★ Favorites | [Deselect all](#)

- Mahidol University

Others | [Deselect all](#)

- National University of Singapore
- University of Malaya

+ Add new ↶ Clean this section

Table
Chart

y-axis ^
x-axis v

Scholarly Output
Publication Year

- Collaboration v
- Published ^
- Scholarly Output >
- Subject Area Count
- Scopus Source Title Count
- h-indices
- Viewed v
- Cited v
- Patent Impact v
- Media Impact v
- Topic Indicators v
- Awarded Grants v

Scholarly Output v

The number of publications of a selected entity.
[Learn more about this metric](#)

Include:

- All publication types
- Articles only
- Articles and conference papers
- Articles and reviews
- Articles, reviews and conference papers
- Articles, reviews, conference papers, books and book chapters
- Books and book chapters
- Conference papers only

Authorship Type

In case filter applied, only values for **individual Researchers** will be shown

Only include publications where the researcher is:

Choose metric >



> Deselect all Hide tags X

Institutions and Groups

★ Favorites | Deselect all

Mahidol University

Others | Deselect all

National University of Singapore

University of Malaya

+ Add new

Clean this section

2016 to >2022 All subject areas

Table Chart

Metric guidance

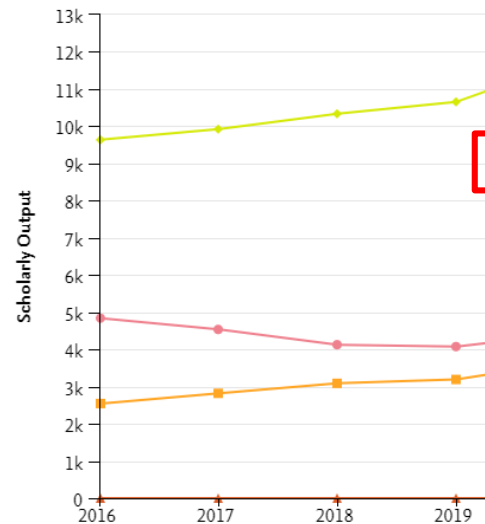
y-axis

x-axis

Bubble size

Scholarly Output

Publication Year



- Collaboration
- Published
- Viewed
- Cited
- Citation Count**
- Field-Weighted Citation Impact
- Outputs in Top Citation Percentiles
- Publications in Journal Quartiles
- Publications in Top Journal Percentiles
- Citations per Publication
- Cited Publications
- h-indices
- Number of Citing Countries
- Collaboration Impact
- Academic-Corporate Collaboration Impact
- Citing-Patents Count
- Patent-Cited Scholarly Output
- Patent-Citations Count
- Patent-Citations per Scholarly Output

Citation Count

Total citations received by publications of the selected entities.
[Learn more about this metric](#)

Include self-citations

Include:

- All publication types
- Articles only
- Articles and conference papers
- Articles and reviews
- Articles, reviews and conference papers
- Articles, reviews, conference papers, books and book chapters
- Books and book chapters
- Conference papers only

Authorship Type

In case filter applied, only values for individual Researchers will be shown

Choose metric

Metrics details

y-axis

Scholarly Output

x-axis

Publication Year



> Deselect all Hide tags X

Institutions and Groups

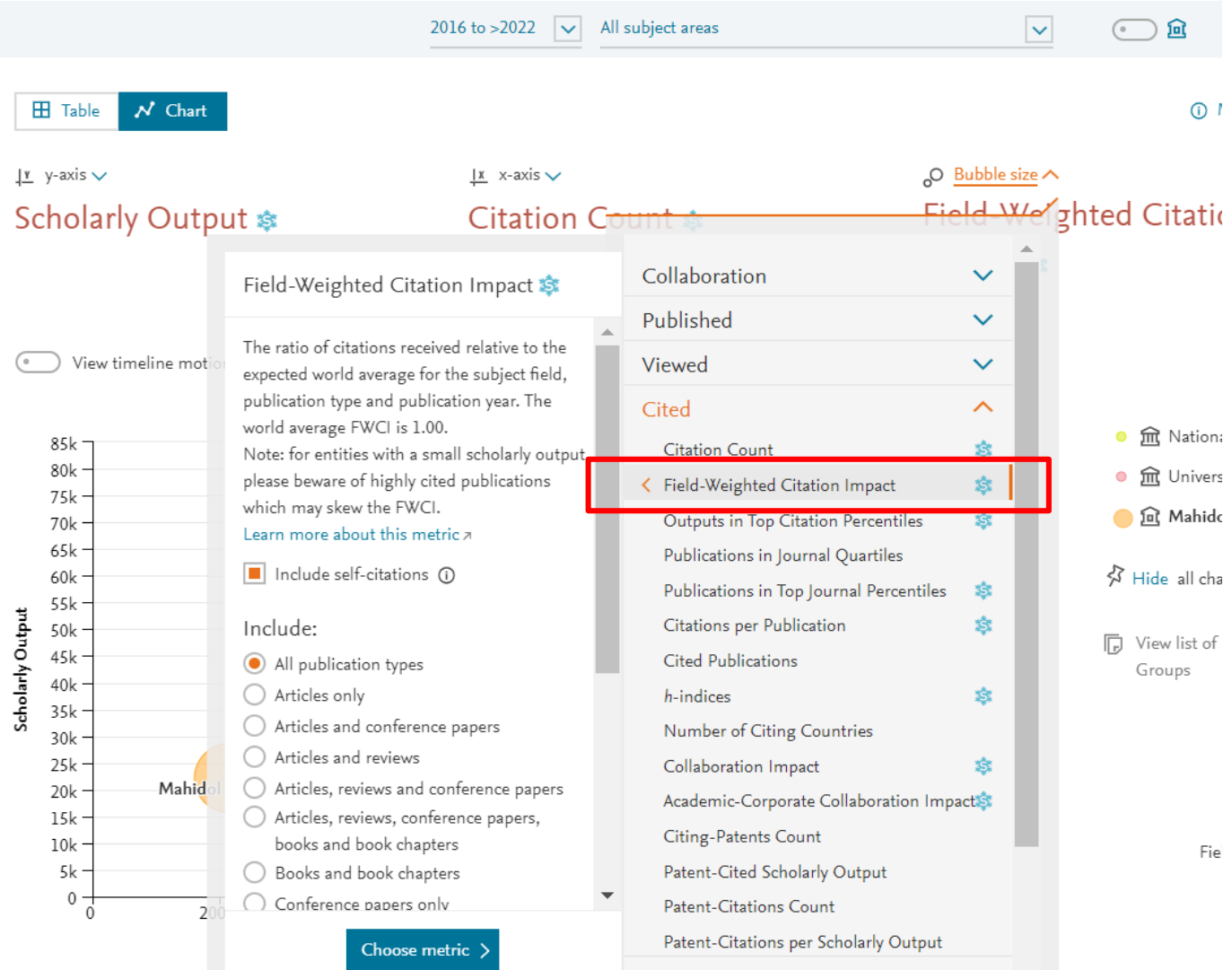
★ Favorites | [Deselect all](#)

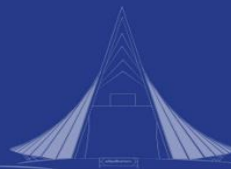
- Mahidol University

Others | [Deselect all](#)

- National University of Singapore
- University of Malaya

[+ Add new](#) [Clean this section](#)





> Deselect all Hide tags



Institutions and Groups



★ Favorites | [Deselect all](#)



Mahidol University



Others | [Deselect all](#)



National University of Singapore



University of Malaya



Benchmarking

2016 to >2022



All subject areas



ASJC



All Metrics

Rankings Metrics



Table



Chart

Metric guidance

Add to Reporting

Benchmark multiple metrics

Reset to one metric over time



Entity

Scholarly Output

Citation Count

Field-Weighted Citation Impact

Mahidol University

22,180

216,336

1.15

National University of Singapore

72,498

1,326,627

1.97

University of Malaya

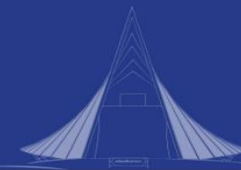
29,688

421,891

1.45



Collaboration Module



Collaboration



SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

My SciVal

Scopus



Welcome to SciVal



Overview

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Trends

Dive deeper into an area of interest.



Research Areas provided by SciVal: [Quantum Simulation](#) | [SDG 15: Life on Land \(2022\)](#) | [View more](#)



- Home
- Overview
- Benchmarking
- Collaboration
- My SciVal

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

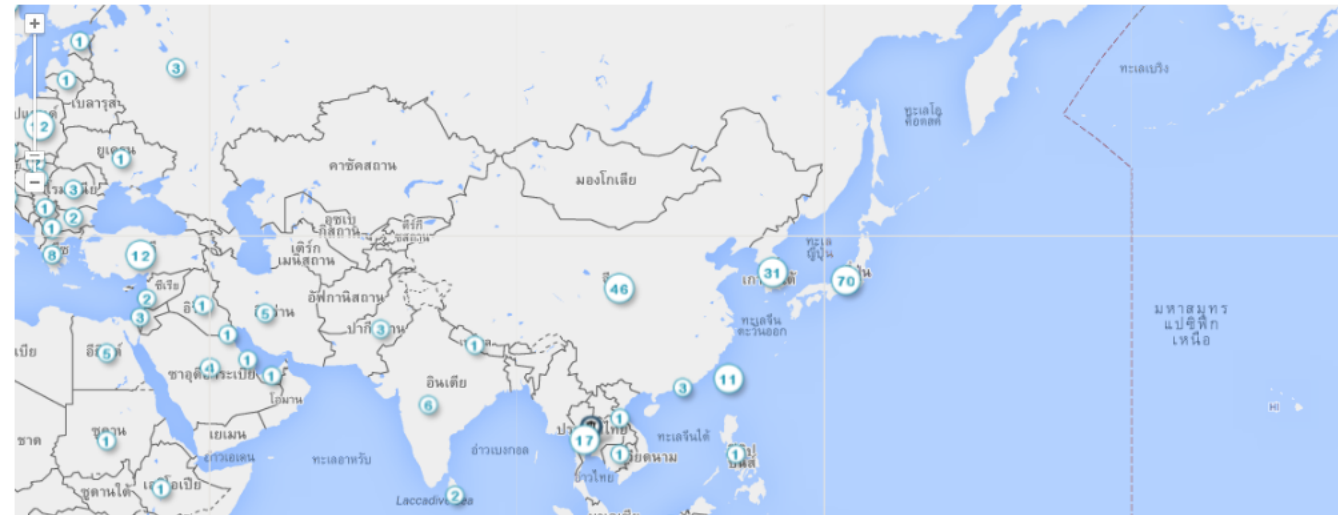
- Current collaboration
- Potential collaboration

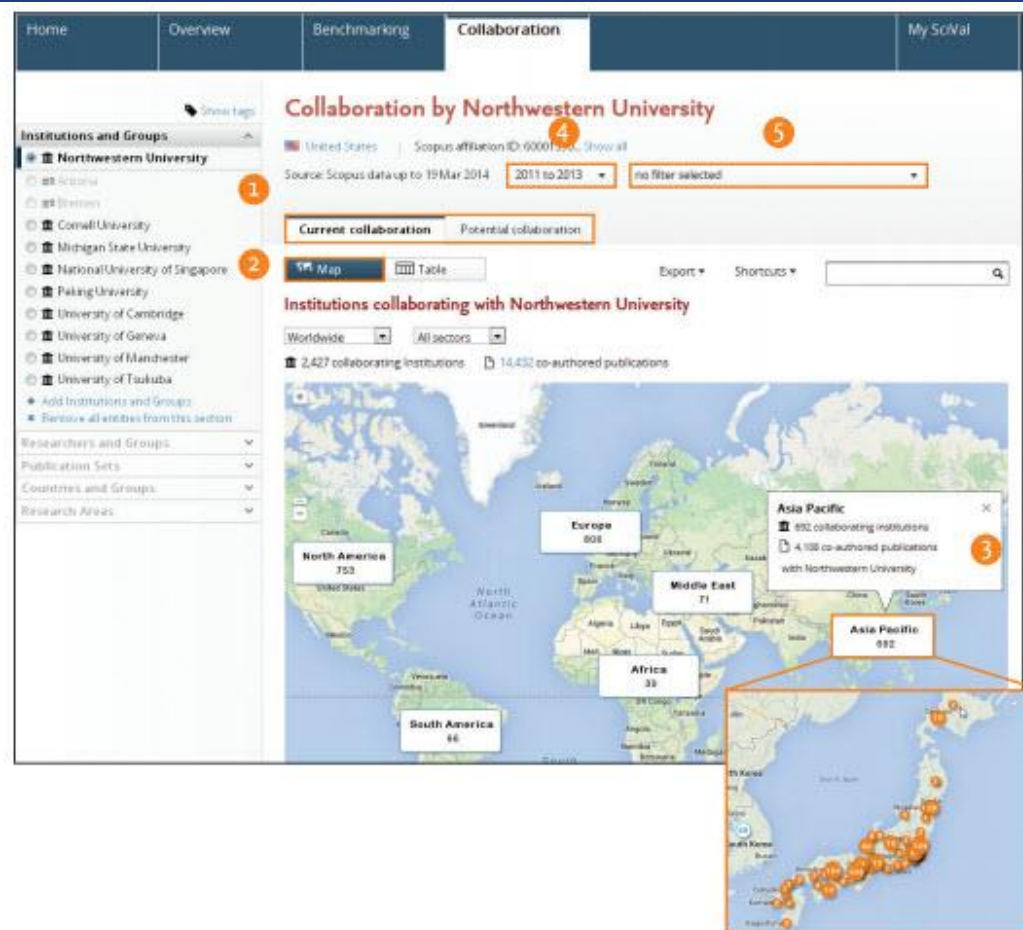
Map | Table | Export | Shortcuts | Find Institution

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.

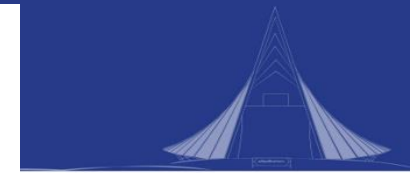
2 **Select map view** to understand an institution's existing collaboration landscape on Google maps.

3 **Click on each region to zoom in** and understand collaboration country wise or state wise.

4 **Select year range** from:

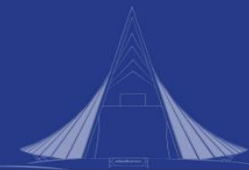
- 3 years (2011 to 2013)
- 3 years + current year (2011 to 2014)
- 3 years + current year + beyond current year (2011 to >2014)
- 5 years (2009 to 2013)
- 5 years + current year (2009 to 2014)
- 5 years + current year + beyond current year (2009 to >2014)

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

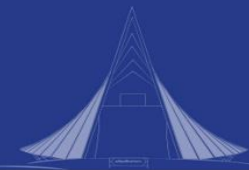


- 6 Select table view to access list of collaborating institutions.
- 7 Search institutions by name.
- 8 Limit collaborating institutions by region, country and segments using a drop-down box.
- 9 Sort collaborating institutions by impact using:
 - Citations
 - Citations per Publication
 - Field-Weighted 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 ↗



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Dive deeper into an area of interest.

💡 Research Areas provided by SciVal: [Quantum Simulation](#) | [SDG 15: Life on Land \(2022\)](#) | [View more](#)



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**

> Total matching publications (2013-present) **324,377**

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

Currently applied filters:
No filters applied yet

[Previous step](#)

[Next step](#)



Trends Module

Define a new Research Area ? View quick guide X

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	Name	Publications ↓	Currently applied filters:
Scopus sources	<input type="checkbox"/> Pakistan	1,356	Medicine X
Institutions	<input type="checkbox"/> Portugal	1,335	
Countries	<input type="checkbox"/> Saudi Arabia	1,332	
	<input checked="" type="checkbox"/> Thailand	1,301	
Organization types	<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

< Previous step
Next step >



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	Name	Publications ↓	Currently applied filters:
Scopus sources	<input checked="" type="checkbox"/> Mahidol University	201	Medicine ✕ AND Thailand ✕ AND (Immunology and Microbiology ✕ OR Biochemistry, Genetics and Molecular Biology ✕ OR Pharmacology, Toxicology and Pharmaceutics ✕ OR Health Professions ✕)
Institutions	<input type="checkbox"/> Khon Kaen University	113	
Countries	<input type="checkbox"/> Chulalongkorn University	69	
Organization types	<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	
	<input type="checkbox"/>		

Limit to publications in the past 5 years

[Previous step](#)

[Next step](#)



Trends Module

Define a new Research Area

[View quick guide](#) ✕

1. Create definition

2. Refine definition

3. Save definition

Currently applied filters:

Medicine ✕ AND Thailand ✕ AND (

Immunology and Microbiology ✕ OR

Biochemistry, Genetics and Molecular

Biology ✕ OR Pharmacology,

Toxicology and Pharmaceutics ✕ OR

Health Professions ✕) AND Mahidol

University ✕

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](#) ∨

[Previous step](#)

Save and finish >

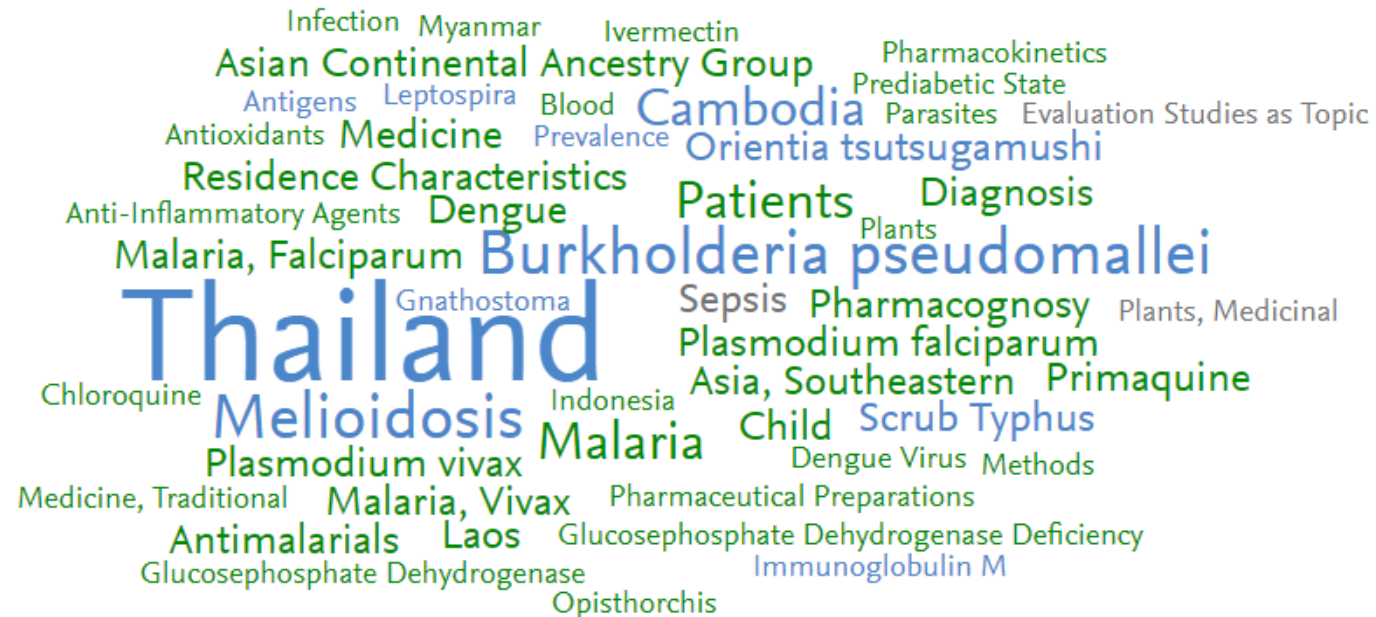
Save and define another Research Area >



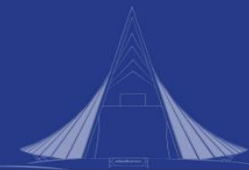
Keyphrase analysis ⓘ

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



1. หากต้องการทราบจำนวนผลงานตีพิมพ์, citation และจำนวนนักวิจัยสาขาวิชาที่ร่วมกันมากที่สุด ของมหาวิทยาลัยมหิดลที่มีความร่วมมือกับมหาวิทยาลัยในประเทศไทย 5 ลำดับแรก ตั้งแต่ ปี ค.ศ. 2018





2. อาจารย์กำลังจะเดินทางไปเยี่ยมมหาวิทยาลัยโอซาก้า ประเทศญี่ปุ่น

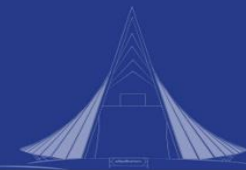
อยากทราบว่า มหาวิทยาลัยมหิดล มีความร่วมมือด้านไหนบ้างกับมหาวิทยาลัยนี้





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





SciVal for AXiiS



ตัวชี้วัดการจัดทำข้อตกลงการปฏิบัติงานของส่วนงาน (PA) ปีงบประมาณ พ.ศ. 2567

ชี้แจงรายละเอียดตัวชี้วัดที่จัดทำข้อตกลงการปฏิบัติงานของส่วนงาน (PA) ปีงบประมาณ พ.ศ. 2567

ตัวชี้วัดยุทธศาสตร์ KPIs		จัดทำ PA กับส่วนงาน (✓ = ทำ PA X = ไม่ทำ PA)
1.1	5-Years Citation per Publication	X
1.2	Field-Weighted Citation Impact (FWCI)	X
1.3	Total International Publication	✓
1.4	International Publication in Q1	✓
1.5	Ratio of International Publication in Q1	✓
1.6	Ratio of International Publication in Top 10%	✓
1.7	Ratio of International Publication in Top 1%	✓
1.8	Ratio of Publication with International Collaboration	✓

ที่มา : https://drive.google.com/drive/folders/1G-0nSUfuGiWeKTCj_A8n4TvM4bODJJ1f



วิธีสืบค้นผลงานวิจัยตีพิมพ์ จาก SciVal

(ตามตัวชี้วัดประกอบการจัดทำข้อตกลงการปฏิบัติงานของส่วนงาน (PA) ปีงบประมาณ พ.ศ. 2567 : ตัวชี้วัดที่ 1.3 - 1.8)

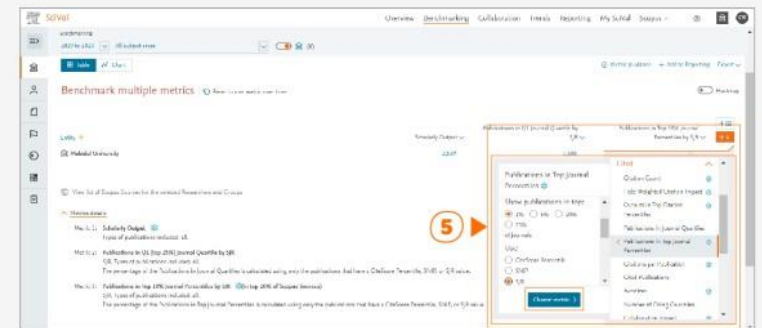
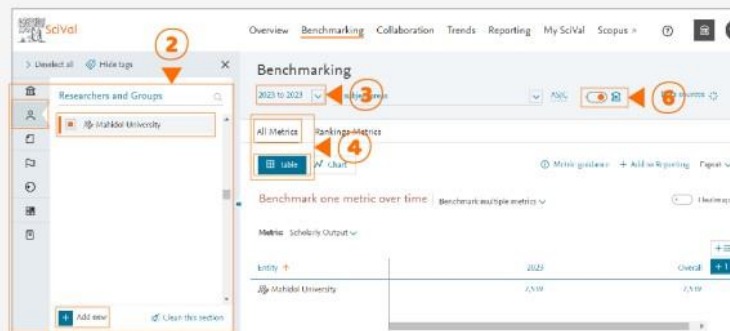
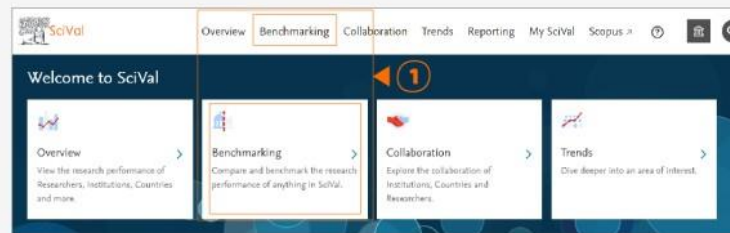
1 เข้าสู่ SciVal เลือก Benchmarking

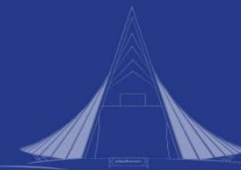
2 คลิกที่ Researchers and Groups เลือก รายการที่ต้องการแสดงผล

กรณีไม่มีรายการที่ต้องการ ให้คลิก Add new เพื่อเพิ่มรายการใหม่เข้ามา

3 เลือก ช่วงปีที่ต้องการ

4 เลือก All Metrics และเลือกการแสดงผล
แบบ Table





5 เลือก Metrics ที่ต้องการ โดยคลิก **+1** รายการ Metrics และตัวกำหนดการแสดงผล จะแสดงขึ้นมา ให้เลือก Metrics และกำหนดการแสดงผล ตามตัวชีวิต ดังนี้

- **ตัวชีวิตที่ 1.3 : Total International Publication**
เลือก **Published > Scholarly Output**
กำหนดการแสดงผล Include: **All publication types**

- **ตัวชีวิตที่ 1.4 : International Publication in Q1**
เลือก **Cited > Publications in Journal Quartiles**
กำหนดการแสดงผล **Q1 (top 25%)** | Use: **SJR** |
Show as: **Total value** | Include: **All publication types**

- **ตัวชีวิตที่ 1.5 : Ratio of International Publication in Q1**
คำนวณ Ratio of International Publication in Q1
$$= \frac{\text{International Publication in Q1}}{\text{Total International Publication}} \times 100$$

- **ตัวชีวิตที่ 1.6 : Ratio of International Publication in Top 10%**
หา International Publication in Top 10% โดยเลือก **Cited > Publications in Top Journal Percentiles**
กำหนดการแสดงผล Show publication in top: **10%** of journals |
Use: **SJR** | Show as: **Total value** | Include: **All publication types**
คำนวณ Ratio of International Publication in Top 10%
$$= \frac{\text{International Publication in Top 10\%}}{\text{Total International Publication}} \times 100$$

- **ตัวชีวิตที่ 1.7 : Ratio of International Publication in Top 1% Publications in Top Journal Percentiles**
หา International Publication in Top 1% โดยเลือก **Cited > Publications in Top Journal Percentiles**
กำหนดการแสดงผล Show publication in top: **1%** of journals |
Use: **SJR** | Show as: **Total value** | Include: **All publication types**
คำนวณ Ratio of International Publication in Top 1%
$$= \frac{\text{International Publication in Top 1\%}}{\text{Total International Publication}} \times 100$$

- **ตัวชีวิตที่ 1.8 : Ratio of Publication with International Collaboration**
หา International Collaboration โดยเลือก **Collaboration > Collaboration**
กำหนดการแสดงผล View: **International collaboration** | Show as: **Total value** |
Include: **All publication types**
คำนวณ Ratio of Publication with International Collaboration
$$= \frac{\text{International Collaboration}}{\text{Total International Publication}} \times 100$$

โดยเมื่อเลือก Metrics และกำหนดการแสดงผล ในแต่ละ Metrics แล้ว
ให้คลิกปุ่ม [Choose metric >](#)

6 เลือก **Home Institution filter** เพื่อคัดเฉพาะบทความที่ Affiliation "Mahidol University"

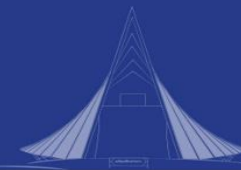
7 ในตารางจะแสดงผลลัพธ์ ตาม Metrics ที่กำหนด

หมายเหตุ : มหาวิทยาลัยรวบรวมข้อมูลผลงานวิจัยตีพิมพ์จาก Scival เท่านั้น
ซึ่งจำนวนผลงานทั้งหมดของส่วนงาน มีแนวโน้มมากกว่าข้อมูลจากมหาวิทยาลัย เนื่องจาก 2 สาเหตุ คือ 1) เป็นผลงานจากบุคลากร หรือนักวิจัย ที่ไม่ใช่สายวิชาการ 2) มีกระบวน Affiliation ที่ไม่ถูกต้อง ดังนั้น หากส่วนงานใดที่มีผลงานเพิ่มเติมมากกว่าข้อมูลของมหาวิทยาลัย (มหาวิทยาลัยจะจัดส่งข้อมูลให้ส่วนงานตรวจสอบทุกไตรมาส) สามารถส่งข้อมูลไปยังกองแผนงาน เพื่อจัดทำข้อมูลให้ถูกต้องตรงกัน

ที่มา : https://op.mahidol.ac.th/ra/orra_document/orra_document_pa/



Global Talent



หลักเกณฑ์ของ Global Talent สายวิชาการ

เอกสารแนบท้ายประกาศ

หลักเกณฑ์ของ Global Talent สายวิชาการ

วิทยาศาสตร์การแพทย์/วิทยาศาสตร์สุขภาพ/วิทยาศาสตร์และเทคโนโลยี			สังคมศาสตร์ มนุษยศาสตร์ และศิลปะ
รูปแบบที่ 1: เน้นวิจัย	รูปแบบที่ 2: เน้นการเรียนการสอน	รูปแบบที่ 3: เน้นวิจัยโดยเฉพาะ	
(1) ผลงานด้านวิจัย <u>และ</u>			
1. ค่า Field-weighted citation impact (FWCI) มากกว่าหรือเท่ากับ 1.1 <u>และ</u> 2. จำนวนผลงานตีพิมพ์ในวารสารนานาชาติ ระดับ Q1 อย่างน้อย 2 เรื่อง โดยเป็น Top 10 อย่างน้อย 1 เรื่อง <u>และ</u> 3. ค่า Citation ที่ไม่นับรวม Self-cite ไม่น้อยกว่า 1,300 <u>และ</u> 4. ค่า H-Index ไม่น้อยกว่า 20 <u>หรือ</u>	1. ค่า Field-weighted citation impact (FWCI) มากกว่าหรือเท่ากับ 1.0 <u>และ</u> 2. จำนวนผลงานตีพิมพ์ในวารสารนานาชาติ ระดับ Q1 อย่างน้อย 2 เรื่อง <u>และ</u> 3. ค่า Citation ที่ไม่นับรวม Self-cite ไม่น้อยกว่า 800 <u>และ</u> 4. ค่า H-Index ไม่น้อยกว่า 15 <u>หรือ</u>	1. ค่า Field-weighted citation impact (FWCI) มากกว่าหรือเท่ากับ 1.3 <u>และ</u> 2. จำนวนผลงานตีพิมพ์ในวารสารนานาชาติ ระดับ Q1 อย่างน้อย 3 เรื่อง โดยเป็น Top 10 อย่างน้อย 1 เรื่อง <u>และ</u> 3. ค่า Citation ที่ไม่นับรวม Self-cite ไม่น้อยกว่า 1,800 <u>และ</u> 4. ค่า H-Index ไม่น้อยกว่า 25 <u>หรือ</u>	1. ค่า Field-weighted citation impact (FWCI) มากกว่าหรือเท่ากับ 1.0 <u>และ</u> 2. จำนวนผลงานตีพิมพ์ในวารสารนานาชาติ ระดับ Q1 อย่างน้อย 2 เรื่อง <u>และ</u> 3. ค่า Citation ที่ไม่นับรวม Self-cite ไม่น้อยกว่า 400 <u>และ</u> 4. ค่า H-Index ไม่น้อยกว่า 8 <u>หรือ</u>
5. ผลงานอื่น ๆ ใดอย่างหนึ่ง (1) ผลงานตำรา/หนังสือ มีตำรา/หนังสือตีพิมพ์ในสำนักพิมพ์ที่มีมาตรฐานระดับชาติอย่างน้อย 2,000 เล่มต่อเรื่อง และมีหลักฐานการใช้อย่างแพร่หลาย โดยเป็นผู้พิมพ์หลักที่มีส่วนร่วมอย่างน้อย 75% ในแต่ละเรื่อง (2) ผลงานนวัตกรรม ได้รับสิทธิบัตรอย่างน้อย 2 เรื่อง โดยมีอย่างน้อย 1 เรื่องที่มีหลักฐานการนำไปใช้ประโยชน์เชิงพาณิชย์หรือเชิงสังคมที่แสดงเชิงประจักษ์ได้ (3) ผลงานเพื่อสังคม มีผลงานวิจัยหรือผลงานทางวิชาการที่ถูกนำไปใช้เป็นนโยบายระดับชาติโดยองค์กรภาครัฐระดับกรมขึ้นไปต่อเนื่องกันอย่างน้อย 3 ปี และมีหลักฐานเชิงประจักษ์ที่ได้มีการนำไปใช้พัฒนาในระดับชุมชนหรือสังคม			



Further Information

- https://www.elsevier.com/_data/assets/pdf_file/0006/604356/IntroSciValPoland-2018_WEB.pdf
- https://www.elsevier.com/_data/assets/pdf_file/0003/1280685/SciVal-Reporting.pdf
- <https://www.elsevier.com/research-intelligence/resource-library/us-canada-customer-hub/includes/scival/scival-introductory-videos2/scival-introduction>
- <https://www.elsevier.com/research-intelligence/resource-library/us-canada-customer-hub/includes/scival/scival-introductory-videos2/scival-collaboration-module>
- <https://www.elsevier.com/research-intelligence/resource-library/us-canada-customer-hub/includes/scival/scival-introductory-videos2/scival-overview-module>



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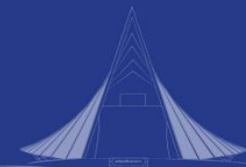


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<https://forms.gle/fB6aLYtdn4cqJvzw5>





Question & Answer



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