



Mahidol University
Wisdom of the Land



SciVal
ELSEVIER

“การวิเคราะห์และใช้งานโปรแกรม SciVal ตามแนวทางยุทธศาสตร์ ด้านวิจัยมหาวิทยาลัยมหิดล (SciVal for AXiiS)”

ครั้งที่ 3/2566

6 กันยายน 2566

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





SciVal
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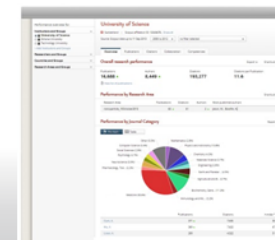
Outline

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



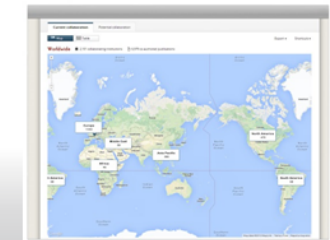
Benchmark your
progress

Flexibility to create and
compare any research
groups



Develop collaborative
partnerships

Identify and analyze
existing and potential
collaboration opportunities



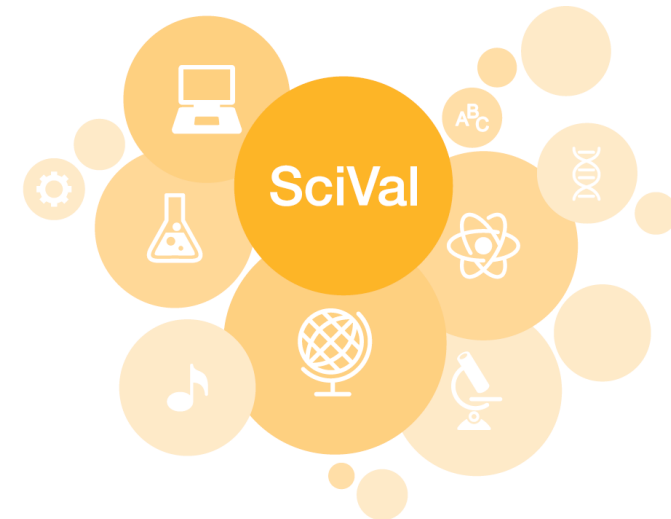


SciVal

- 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







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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

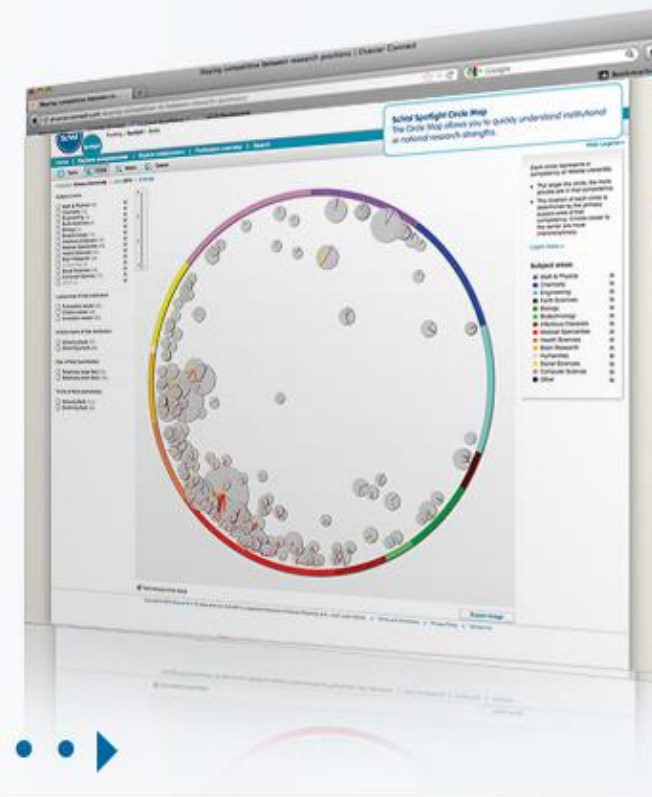
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SciVal Spotlight

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 >>](#)





Home	Overview	Benchmarking	Collaboration	My SciVal
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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](#)

SciVal

<u>Home</u>	Overview	Benchmarking	Collaboration	Reports	My SciVal	Scopus	Maneerat Chompuk	
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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.

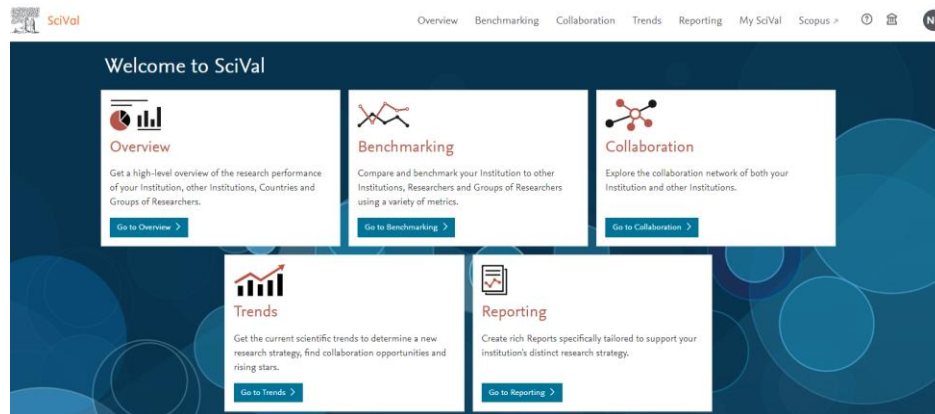
[Go to Collaboration](#)



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.

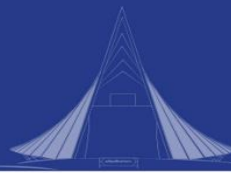
- [1. Getting started with SciVal](#)
- [2. Working with entities](#)
- [3. Using SciVal for strategic planning](#)

[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](#)



Login



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

www.scival.com

li.mahidol.ac.th/e-databases/

Home e-Resource Research Support บริการห้องสมุด คลังความรู้อื่นๆ เกี่ยวกับหอสมุดฯ

e-Databases

- 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

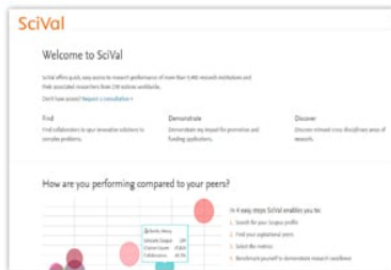
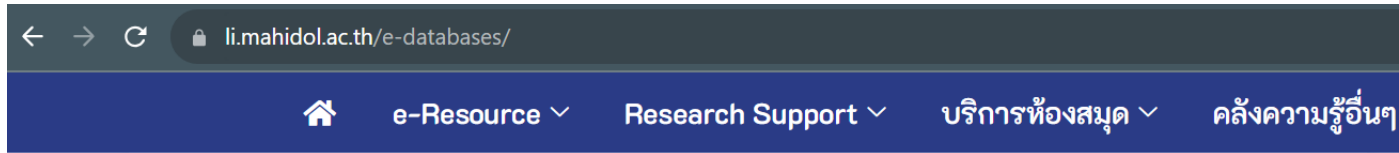
e-Database Training

- Online Training / Workshop
- e-Databases
- e-Books
- Online Tutorials
- e-Theses
- 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

New User (Mahidol University)

1. User Registration for SciVal

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



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ps://www.scival.com/

Mahidol eJournal Access



Zlppv54

Zlppv54

OK! You are not a robot

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type your password

Log in

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

Manual





Welcome to SciVal

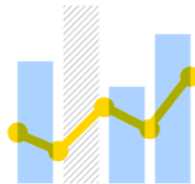
SciVal provides access to the research performance of over 24,100 research institutions and their associated researchers, from 234 nations worldwide.

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.



 ELSEVIER

Welcome

Enter your email to continue with SciVal

Email

Continue

Sign in via your institution

 ELSEVIER

Find your institution

Enter your email or institution name to continue

Institutional email or name of institution

Continue

 ELSEVIER

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.

 ELSEVIER

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Mahidol University

Institutional email

Continue

Try another institution



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ELSEVIER

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The Elsevier team



My SciVal Scopus 23

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

Mahidol University

SciVal Preferences

Settings

My SciVal

My Tags

Account Information

View my Elsevier account

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

.....

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.



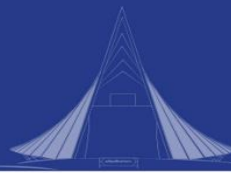
Trends



Dive deeper into an area of interest.



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



Overview Module



SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

My SciVal

Scopus ↗



NK

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](#)



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

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](#) ✓

[+ Add to Reporting](#)

Overall research performance

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

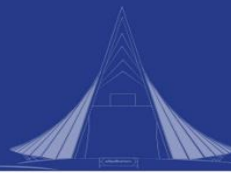
Citation Count ⓘ

5.9

Citations per Publication ⓘ

112

h5-index ⓘ



Researchers and Group



SciVal

Hide tags

Researchers and Groups

Your profile

Komalwardhana, Narisra

Others

LA_MU

Add new



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



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

☐ Author	Publications ↓	Subject Area	Affiliation	Country/Region
☐ Komalawardhana, Narisra Komalwardhana, Narisra Show recent publications	4	Social Sciences, Computer Science	Mahidol University	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

Komalawardhana, Narisra



Add tags (optional)



< Previous step

Save and define another Researcher >

Save and finish >



SciVal

Overview Benchmarking Collaboration Trends Reporting My Sci



Researchers 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

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, Doudgdaw

Charoensawan, Varodom

Chetsawang, Banthit

Hide tags

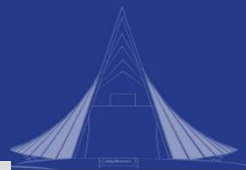
Type to filter

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
- Buddhirakul, 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, Doudgdaw
- Charoensawan, Varodom
- Chetsawang, Banthit

Hide tags

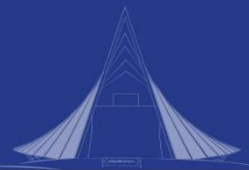
Type to filter



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



CSV

JSON

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.

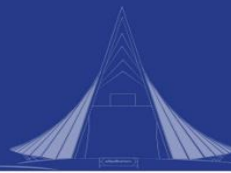
If you fill Level's columns, it will pre-populate your hierarchy structure like above. All hierarchy structure can be created or edited on step 3.

Colledge, Lisa

Kamalski, Judith

Heeman, Frans C.

✓ College of Arts (Level 1)



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

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

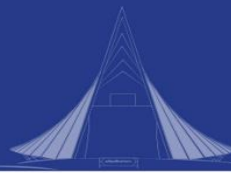
☐ My Researcher Group 1

+ 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

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

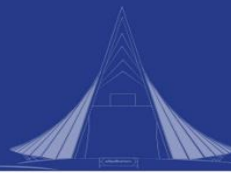
Enter E-mail address(es) or list name(s) (comma separated), or pick from the existing ones.

E-mail

Can view
Can view
Can edit

Message (optional)

Send invitation >



Benchmarking Module



SciVal

Overview

Benchmarking

Collaboration

Trends

Reporting

My SciVal

Scopus ↗



NK

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

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ↗



4 entities selected

Deselect all



Institutions and Groups

Search



★ Favorites

Deselect all



Mahidol University



Others

Deselect all



National University of Singapore



University of Malaya

+ Add new

Options ...

2013 to 2023



All subject areas



ASJC



All Metrics

Rankings Metrics

Table

Chart

Metric guidance + Add to

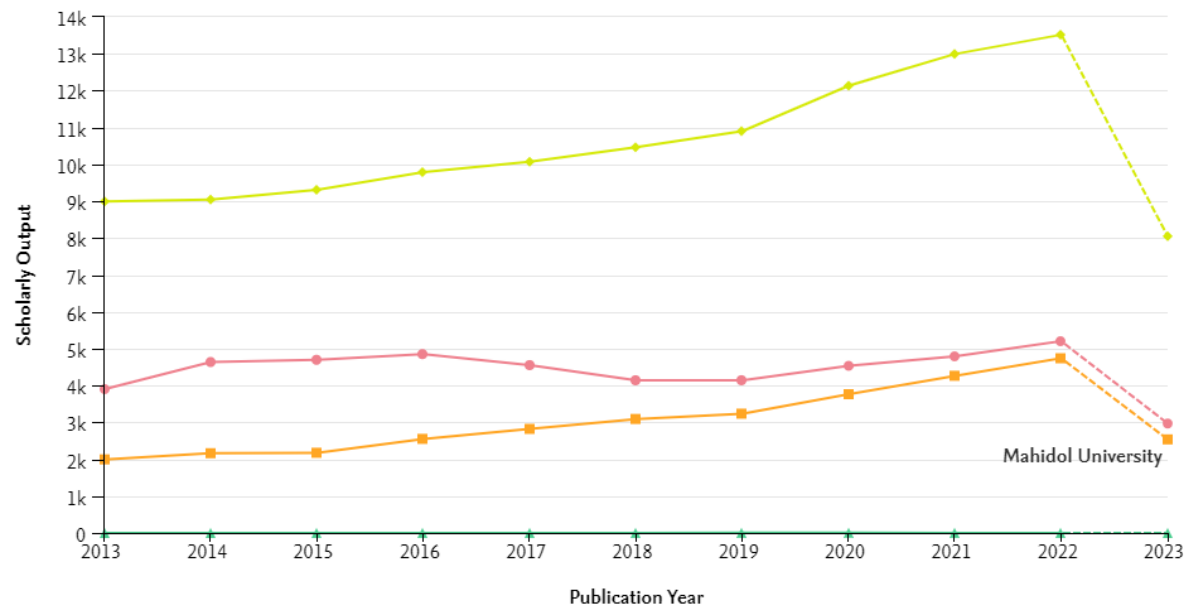
y-axis

x-axis

Bubble size

Scholarly Output

Publication Year



National University of Singapore

University of Malaya

Mahidol University

FlippedClassroom Sci Lab 2013-2023

Hide all chart labels

View list of Scopus Sources for the selected Groups



SciVal

Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ↗



3 entities selected

Deselect all



Institutions and Groups

Search



★ Favorites

Deselect all



Mahidol University



Others

Deselect all



National University of Singapore



University of Malaya



+ Add new

Options ...

Benchmarking

2013 to 2023



All subject areas



Table



Chart

[Metric guidance](#) [+ Add to F](#)

y-axis

Scholarly Output

x-axis

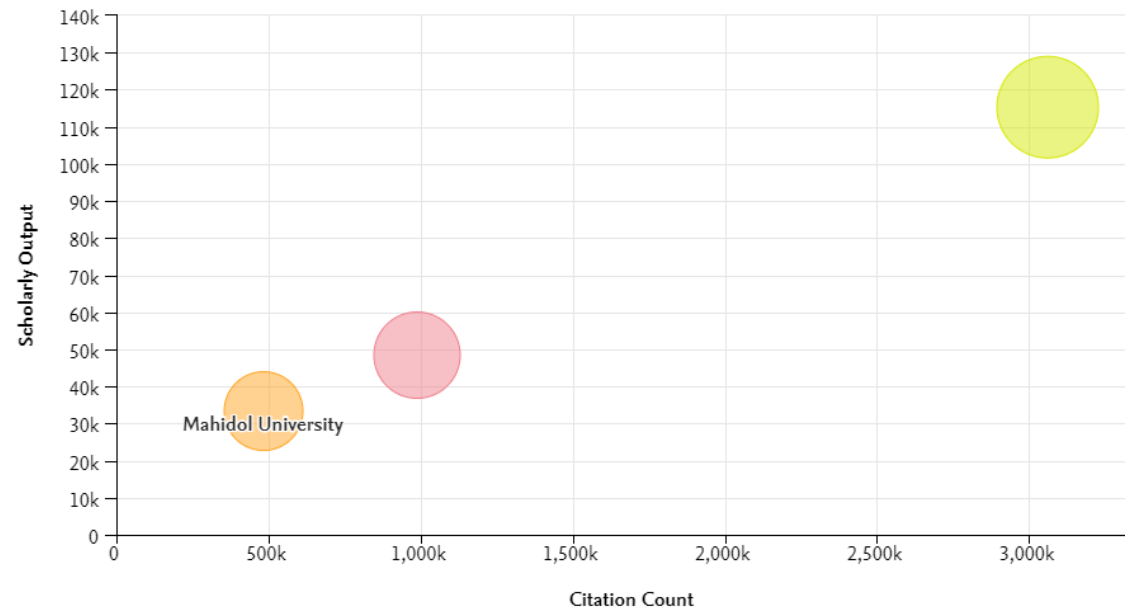
Citation Count

Bubble size

Field-Weighted Citation
Impact



View timeline motion chart



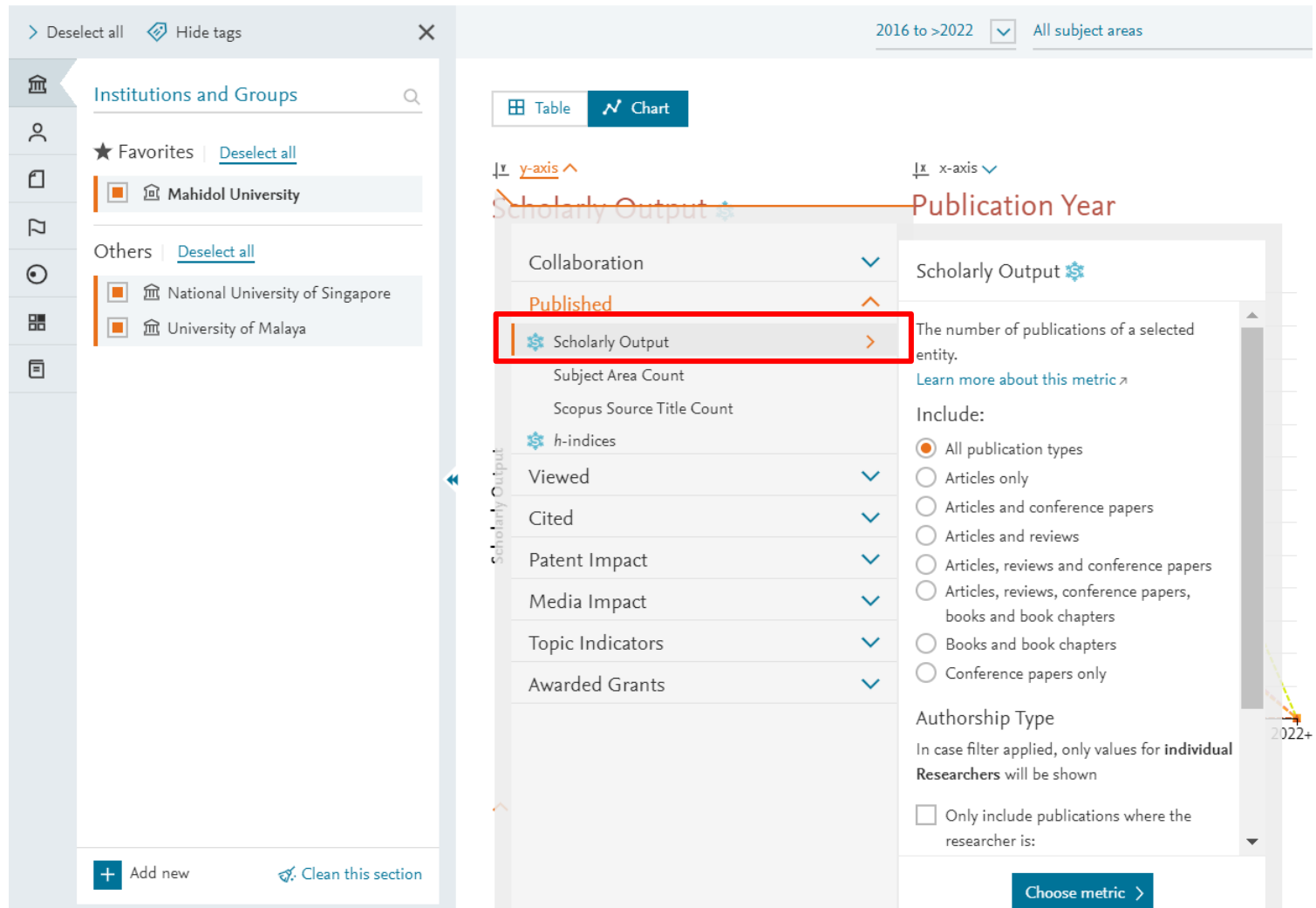
- National University of Singapore
- University of Malaya
- Mahidol University

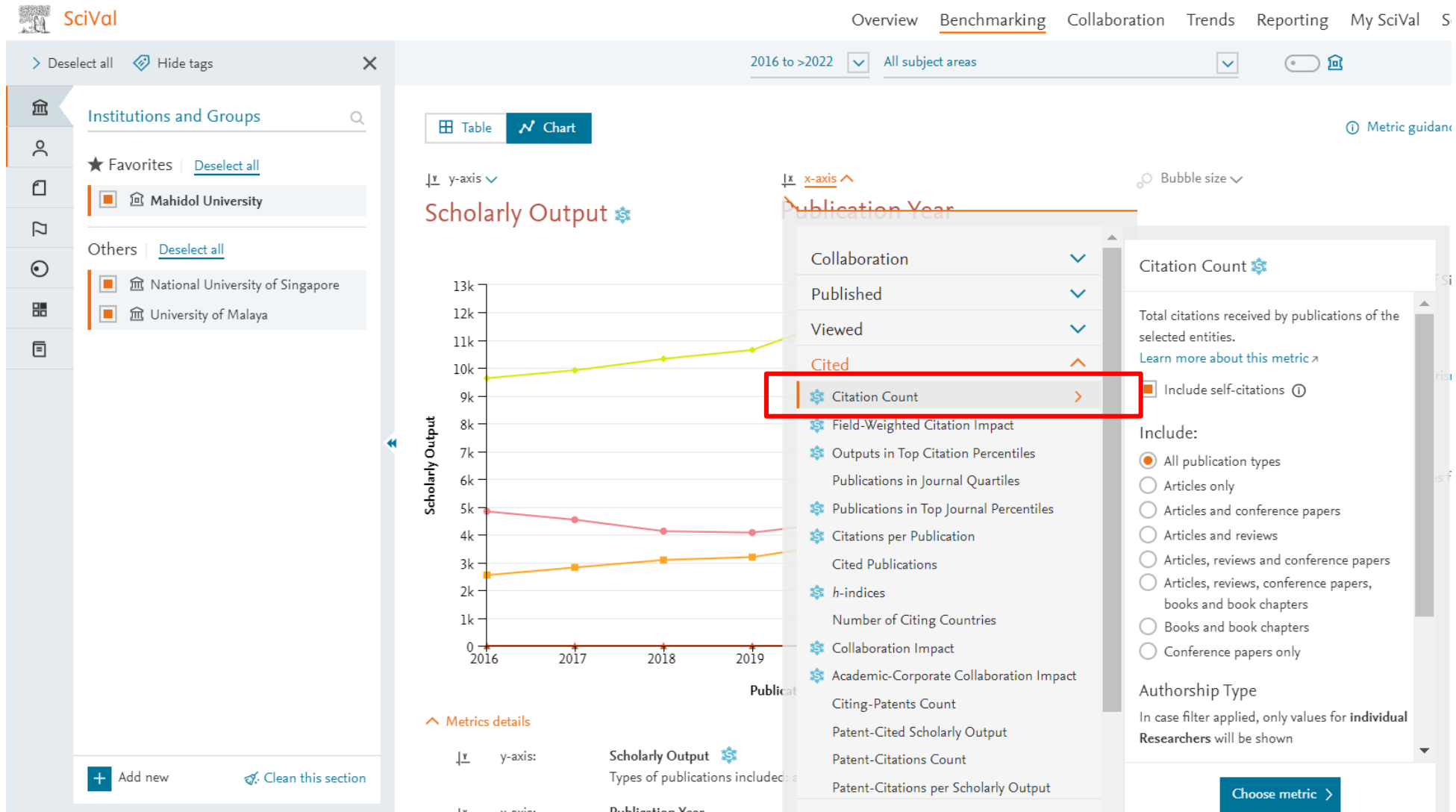
[Hide](#) all chart labels

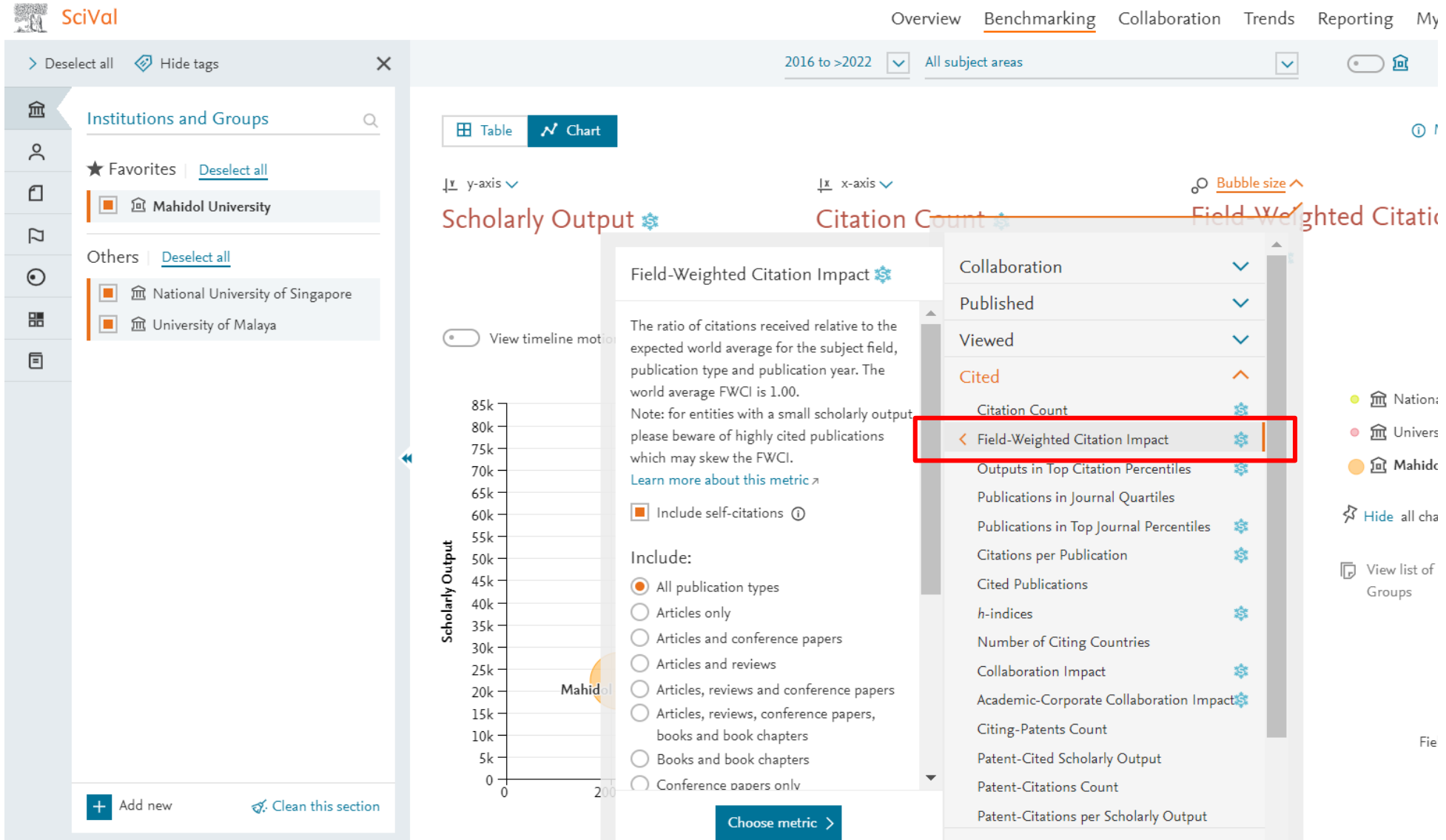
[View list of Scopus Sources for the selected Groups](#)



Field-Weighted Citation Impact









> 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



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My SciVal

Scopus ↗



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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

Hide tags

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

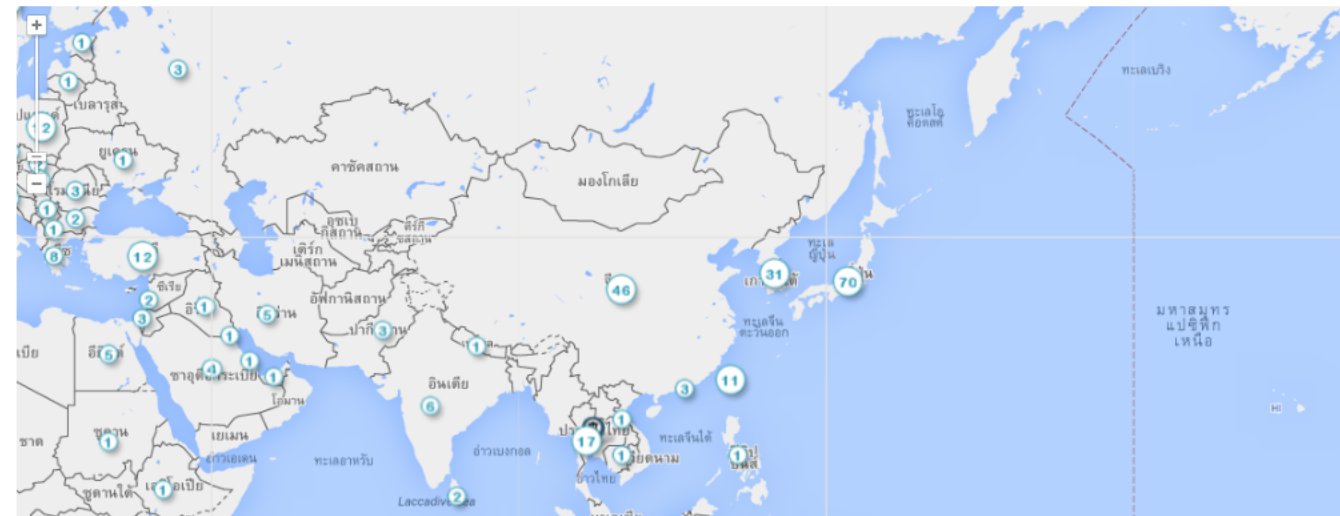
Asia Pacific

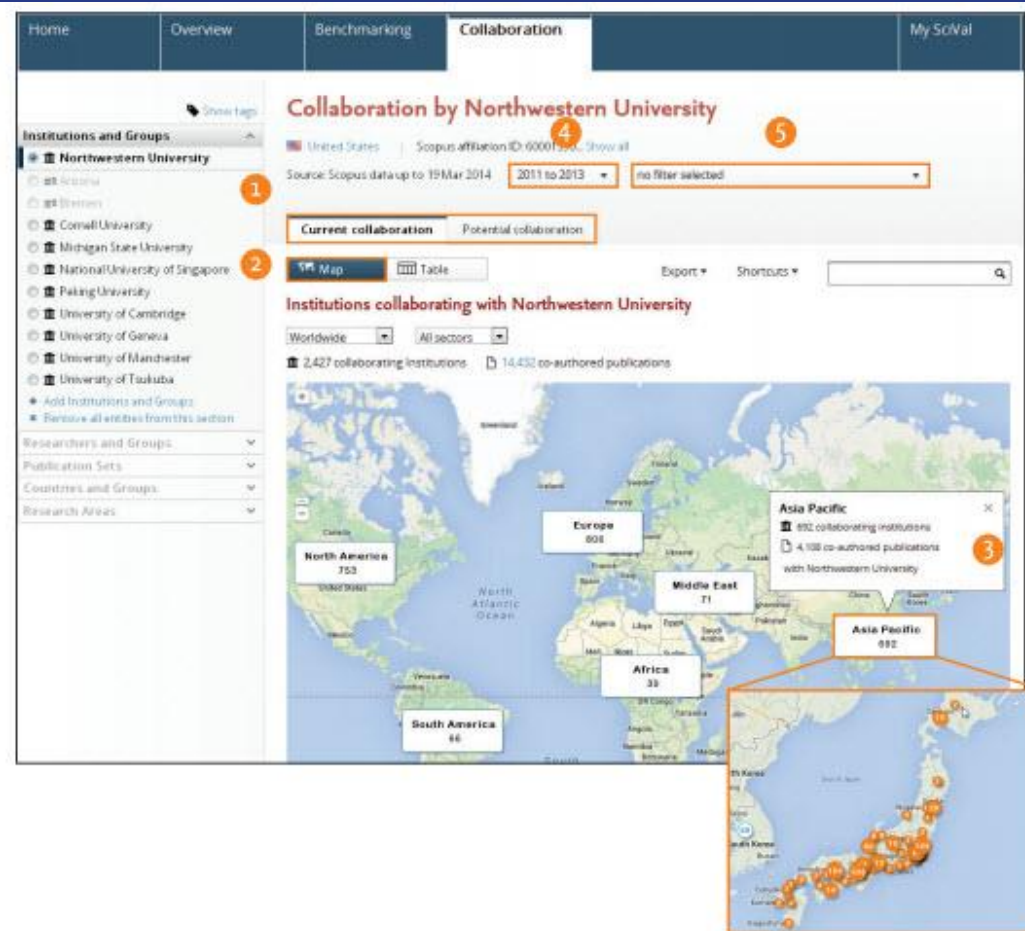
All countries

Academic

238 collaborating Institutions

1,059 co-authored publications





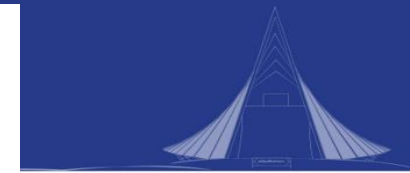
- 1 **Current collaboration tab** helps you to explore existing collaboration opportunities providing ranking of institutes and authors based on output and impact related metrics.

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**.



Collaboration by Northwestern University

United States | Scope affected: ID-0021981 | Show all

Source: Scopus, cited up to 25 Apr 2023 | 2017 to 2023 | Action selected

Current collaboration | Potential collaboration

Age | 100 | Table | Export | Download | Add institution

Institutions collaborating with Northwestern University

Asia Pacific | All countries | All country | 6,177 co-authored publications

Institution	Co-authored publications	Co-authors at Northwestern University	Co-authors at the other institution	Citations
Korea University	550	389	165	8,855
Sungkyunkwan University	507	171	323	6,670
University of Delhi	330	102	186	6,670
University of Tokyo	320	101	87	6,670
Seoul National University	216	102	402	6,670
Peking University	212	264	371	6,670
Chungnam National University	212	128	355	6,670
Yonsei University	207	188	557	6,670

Asia Pacific | Worldwide | All countries | All segments

Algeria | American Samoa | Academic

Australia | Bangladesh | Government

Europe | Middle East | Private

North America | Other | Corporate

South America | Canada | Individual

China | Other

Collaboration with the Tata Institute of Fundamental Research

Year range: 2017 to 2023

Overview | Current co-authors | Potential co-authors

Northwestern University

Co-authored with the Tata Institute of Fundamental Research

Author	Co-authored publications	Citations
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670
Thompson, S.	330	6,670

Collaboration with the Tata Institute of Fundamental Research

Year range: 2017 to 2023

Overview | Current co-authors | Potential co-authors

Northwestern University

145 co-authored with this Tata Institute of Fundamental Research

Co-authored publications

331

Tata Institute of Fundamental Research

154 co-authored with Northwestern University

Total output of this institution

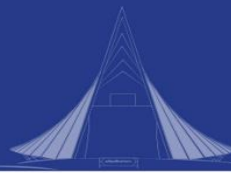
Category	Count
Citations	132,223
Citations per Publication	5.8
Field-Weighted Citation Impact	1.99
Publications	22,745
Authors	15,915

Co-authored publications by Journal Category

Physics and Astronomy | Engineering | Business, Management and Ac. | Medicine | Biochemistry, Biophysics and Chemistry

- 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



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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
☒ Medicine	216,439
☐ Biochemistry, Genetics and Molecular Biology	63,503
☐ Pharmacology, Toxicology and Pharmaceutics	40,499
☐ Health Professions	19,723
☐ Agricultural and Biological Sciences	18,909
☐ Chemistry	17,541
☐ Engineering	16,513
☐ Social Sciences	14,318
☐ 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 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
☐ Pakistan	1,356
☐ Portugal	1,335
☐ Saudi Arabia	1,332
☒ Thailand	1,301
☐ Russian Federation	1,295
☐ Mexico	1,239
☐ Czech Republic	1,187
☐ New Zealand	1,156
☐ Singapore	1,126
☐ 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

[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	☒ Mahidol University	201	Medicine ✕ AND Thailand ✕ AND (
Institutions	☐ Khon Kaen University	113	Immunology and Microbiology ✕ OR
Countries	☐ Chulalongkorn University	69	Biochemistry, Genetics and Molecular
Organization types	☐ Chiang Mai University	58	Biology ✕ OR Pharmacology,
	☐ University of Oxford	44	Toxicology and Pharmaceuticals ✕ OR
	☐ Thammasat University	42	Health Professions ✕)
	☐ Prince of Songkla University	41	
	☐ Armed Forces Research Institute of Medical Sciences, Thailand	37	
	☐ Mahasarakham University	27	

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](#) [X](#)

1. Create definition

2. Refine definition

3. Save definition

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) AND Mahidol

University X

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](#) [>](#)



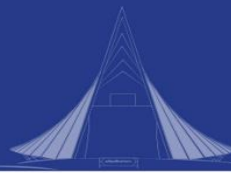
Keyphrase analysis ⓘ

Trends Module

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



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



Exercises



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





2. อาจารย์กำลังจะเดินทางไปเยี่ยมมหาวิทยาลัยโอซาก้า ประเทศญี่ปุ่น
อยากทราบว่า มหาวิทยาลัยมหิดล มีความร่วมมือด้านไหนบ้างกับมหาวิทยาลัยนี้

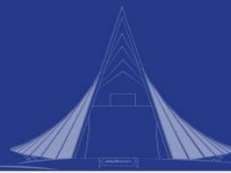




SciVal
ELSEVIER

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





SciVal for AXiiS

ตัวชี้วัดการจัดทำข้อตกลงการปฏิบัติงานของส่วนงาน (PA) ปีงบประมาณ พ.ศ. 2567

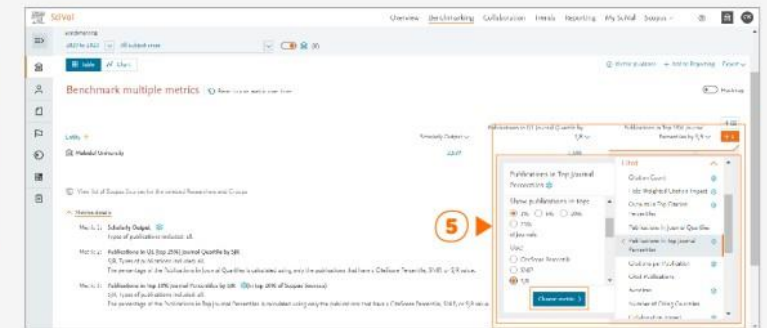
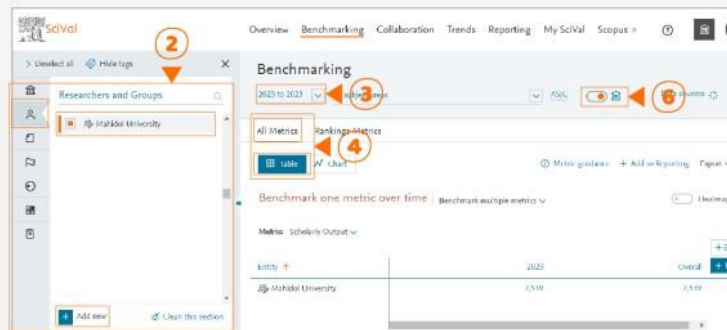
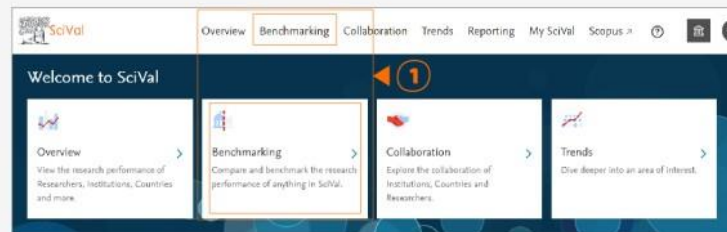
ตัวชี้วัด		จัดทำ PA กับส่วนงาน (โปรดระบุ ✓ = ทำ PA)
ยุทธศาสตร์ที่ 1 : World Class Research & Innovation		
1.1	5-Years Citation per Publication (จำนวนครั้งของการได้รับการอ้างอิงผลงานวิจัย เฉลี่ยต่อบทความย้อนหลัง 5 ปี)	
1.2	Field-Weighted Citation Impact (FWCI)	
1.3	Total International Publication (จำนวนบทความตีพิมพ์ในวารสารวิชาการระดับนานาชาติ)	✓
1.4	International Publication in Q1 (จำนวนผลงานวิจัยตีพิมพ์ในวารสารที่อยู่ใน Q1)	✓
1.5	Ratio of International Publication in Q1 (ร้อยละของจำนวนผลงานวิจัยที่ตีพิมพ์ในวารสารกลุ่ม Q1 จากจำนวนผลงานที่ตีพิมพ์ในระดับนานาชาติทั้งหมด)	✓
1.6	Ratio of International Publication in Top 10% (ร้อยละของจำนวนผลงานวิจัยที่ตีพิมพ์ในวารสารระดับ Top 10% จากจำนวนผลงานที่ตีพิมพ์ในระดับนานาชาติทั้งหมด)	✓
1.7	Ratio of International Publication in Top 1% (ร้อยละของจำนวนผลงานวิจัยตีพิมพ์ในวารสารระดับ Top 1% จากจำนวนผลงานที่ตีพิมพ์ในระดับนานาชาติทั้งหมด)	✓
1.8	Ratio of Publication with International Collaboration (ร้อยละของจำนวนผลงานวิจัยตีพิมพ์ ร่วมกับ นักวิจัยในสถาบันระดับนานาชาติ)	✓



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 ตามตัวชี้วัด ดังนี้

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

- ตัวชี้วัดที่ 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**

- ตัวชี้วัดที่ 1.5 : Ratio of International Publication in Q1

คำนวณ Ratio of International Publication in Q1

$$= \frac{\text{International Publication in Q1}}{\text{Total International Publication}} \times 100$$

- ตัวชี้วัดที่ 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%

$$= \frac{\text{International Publication in Top 10\%}}{\text{Total International Publication}} \times 100$$

- ตัวชี้วัดที่ 1.7 : Ratio of International Publication in Top 1%
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%

$$= \frac{\text{International Publication in Top 1\%}}{\text{Total International Publication}} \times 100$$

- ตัวชี้วัดที่ 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) มีการระบุ Affiliation ที่ไม่ถูกต้อง ดังนั้น หากส่วนงานใดที่มีผลงานเพิ่มเติมมากกว่าข้อมูลของมหาวิทยาลัย (มหาวิทยาลัยจะจัดส่งข้อมูลให้ส่วนงานตรวจสอบทุกไตรมาส) สามารถส่งข้อมูลไปยังกองแผนงาน เพื่อจัดทำข้อมูลให้ถูกต้องตรงกับ



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>
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Research Intelligence

Introduction to SciVal





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<https://forms.gle/fB6aLYtdn4cqJvzw5>



Question & Answer



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