

InCites Part 2: Benchmarking Institutions for strategic decision making and partnerships

Dju-Lyn Chng, Regional Solution Consultant

Clarivate

Agenda

- Recap Session I
- Who should you benchmark with?
- How to benchmark by research area/ topic?
- Who are the best potential collaborators for a specific topic or research area?
- How do you analyse a custom dataset from WOS?

Increasingly competitive global research landscape

Are you missing opportunities to strengthen your institution's standing?



Benchmark your research against peer institutions to strengthen your position



Demonstrate successful outcomes to funders to secure revenue streams



Quickly identify high performing researchers to recruit or retain



Assess your existing and potential collaborations to find the best partners



Measure your progress towards Open Research goals to fulfill mandates



Identify your institution's essential journals to maximize your library budget

InCites Benchmarking & Analytics

Assess your position using data from the world's largest curated citation index of research publications



Reliable citation indicators

Confidently measure citation impact and reputation with normalized indicators derived from data used in major research evaluation initiatives worldwide



Collaboration indicators

Save time identifying academic, industry and government partners worldwide with pre-built indicators and filters for international and industry collaboration



Open access indicators

Save money, assess compliance with mandates, and identify where your authors are likely paying APCs using pre-built indicators and filters for gold, green and hybrid publications



Flexible evaluation schema

Assess your research using the same lens as your evaluators with over 13 localized regional assessment classifications used in national research assessment exercises



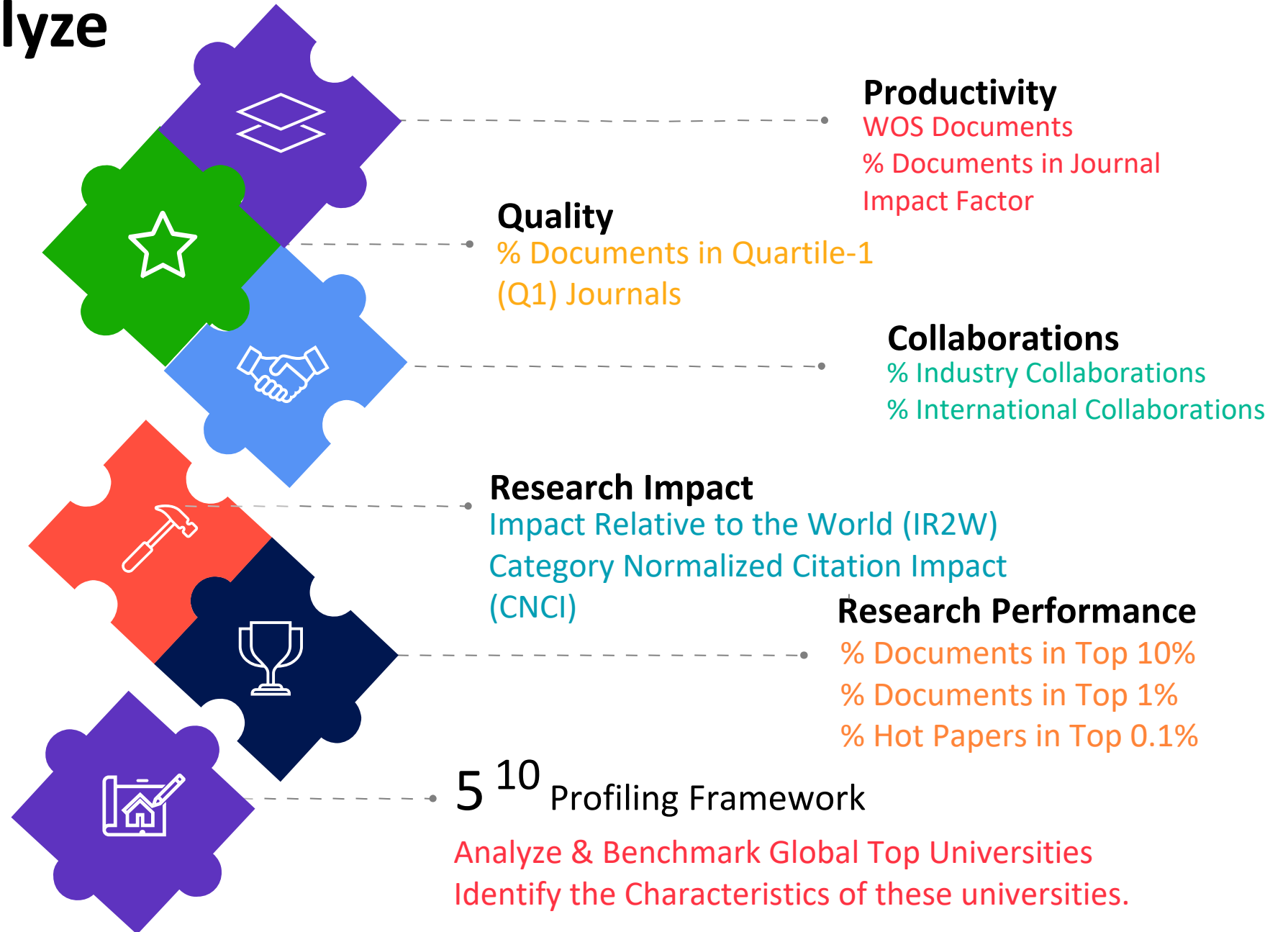
Multiple ways to view data

Quickly assess the research landscape on any topic to identify star researchers, centers of excellence, and major funders—worldwide or in your region of choice

Profile and Analyze Global Top University

Research
Output

Research
Outcome



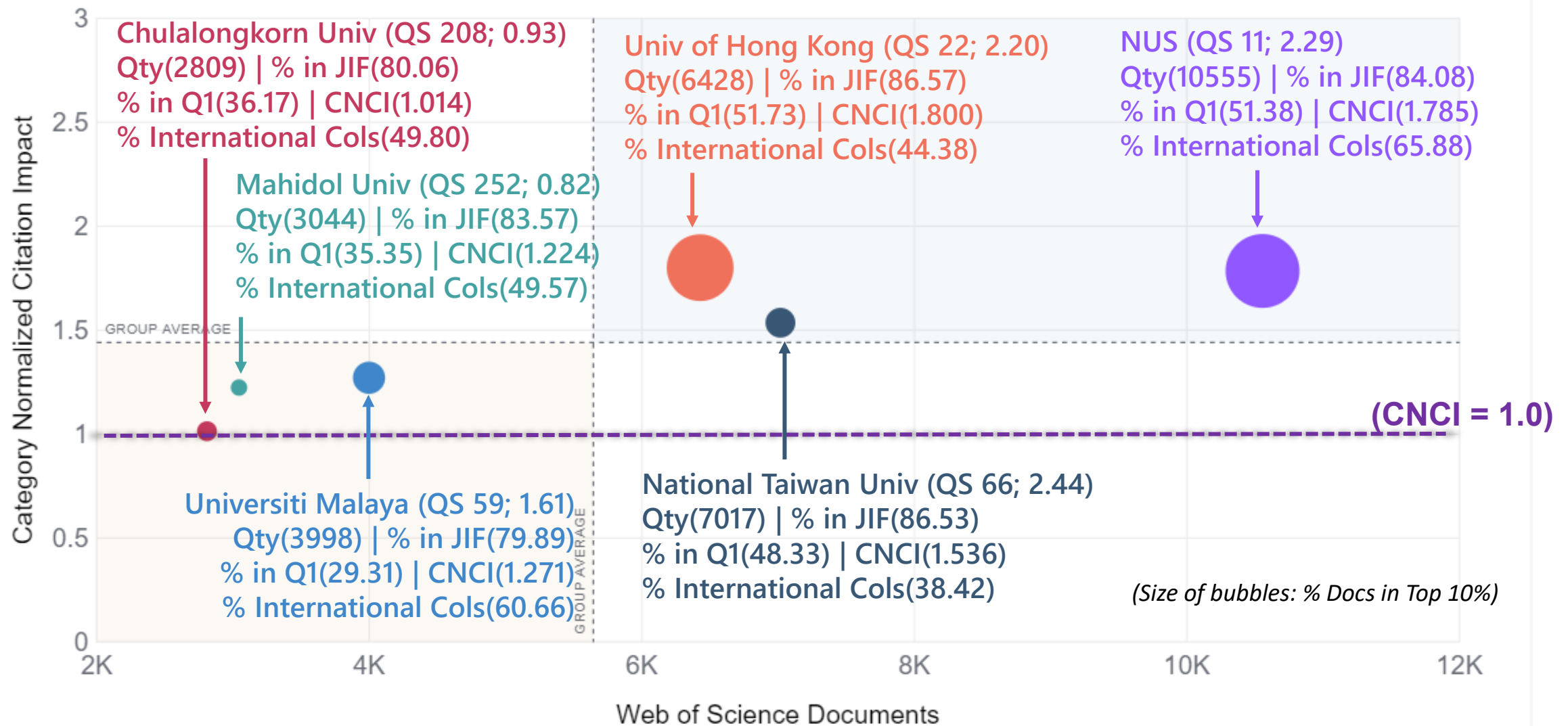
**Who do you want to benchmark
against?**

Parameters for Comparison

- Region/Country
- University type (Specialised, General, public, private, etc)
- Aspiration University?
- Research productivity (Number of WOS Publications per year?)
- Research Area/Focus

Mahidol University and Selected Peer Group

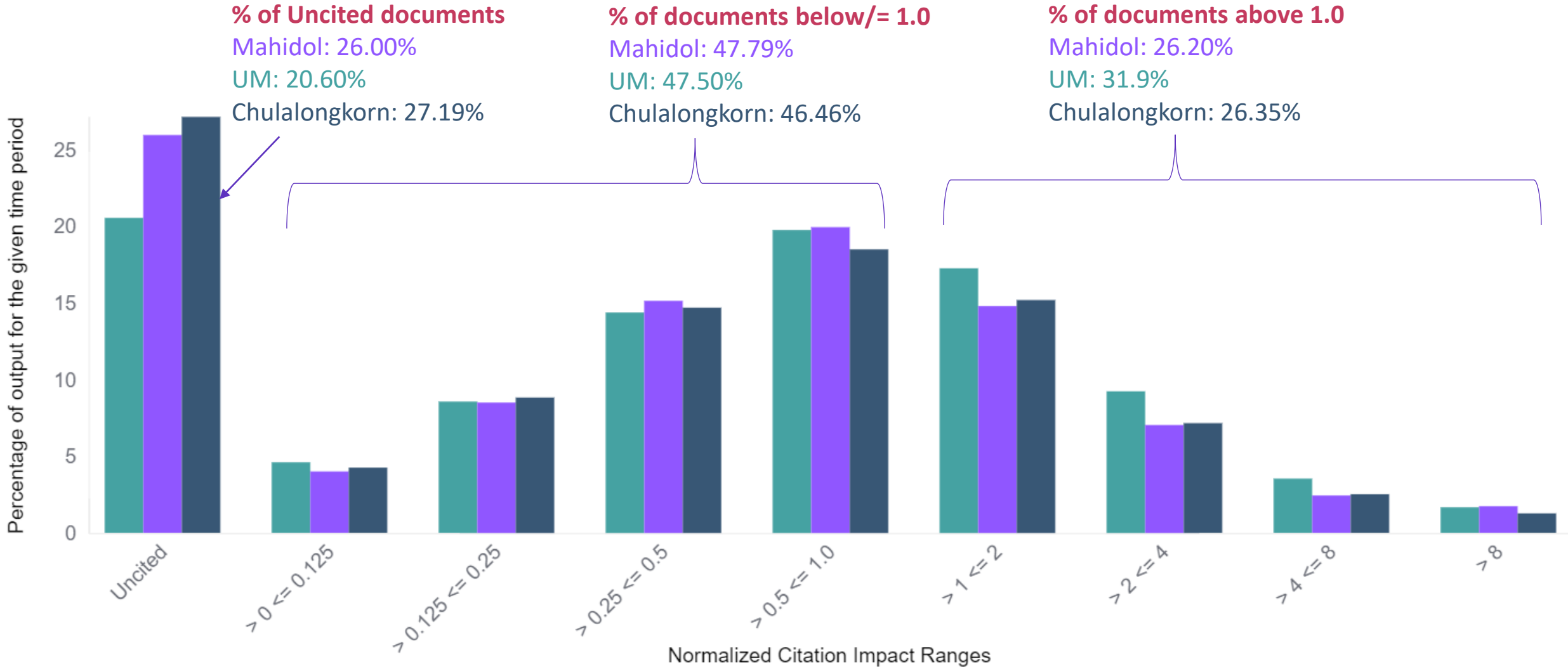
2019 Research Output Only; Number next to rank is Productivity



- Mahidol University
- National University of Singapore
- National Taiwan University
- University of Hong Kong
- Universiti Malaya
- Chulalongkorn University

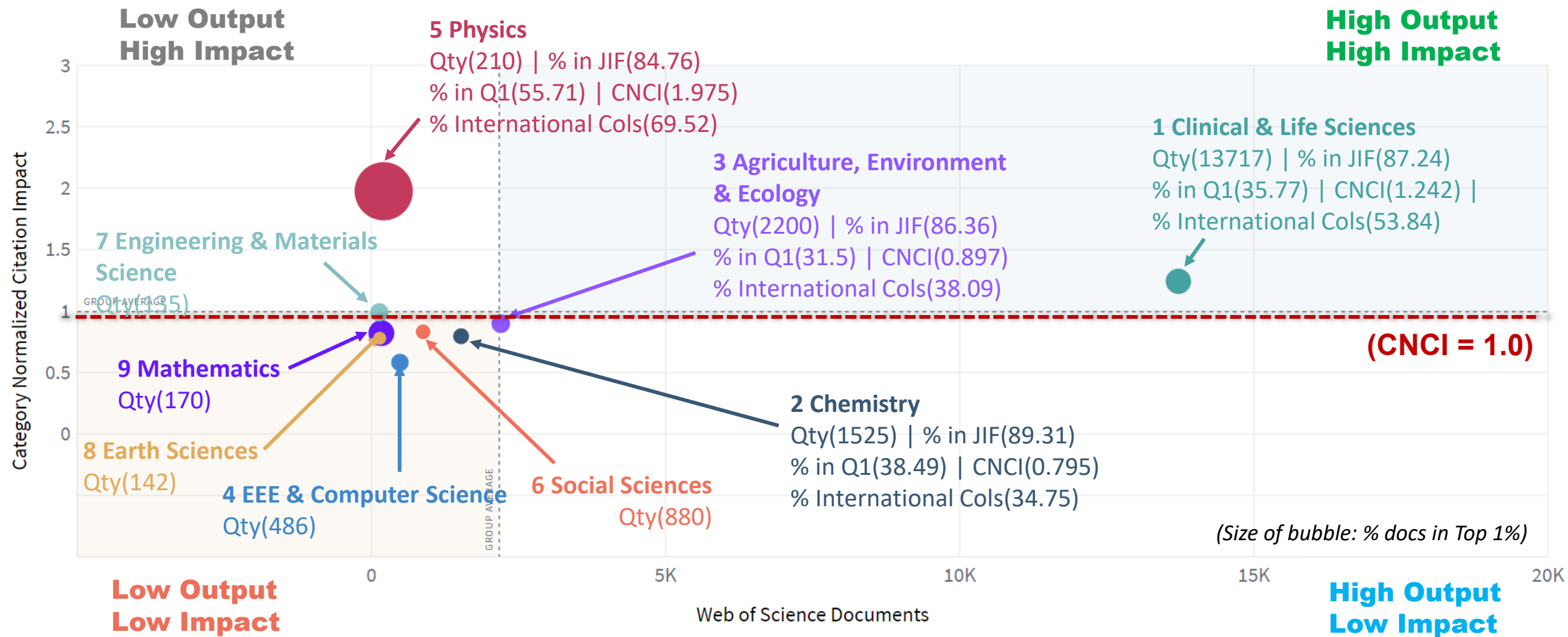
Impact Profile comparison – Mahidol Vs. UM Vs. Chulalongkorn U

Data based on 2015-2019 output



A look at an Institution's Research Strengths

Mahidol University: 10 Broad Research Areas Performance, 2010-2019



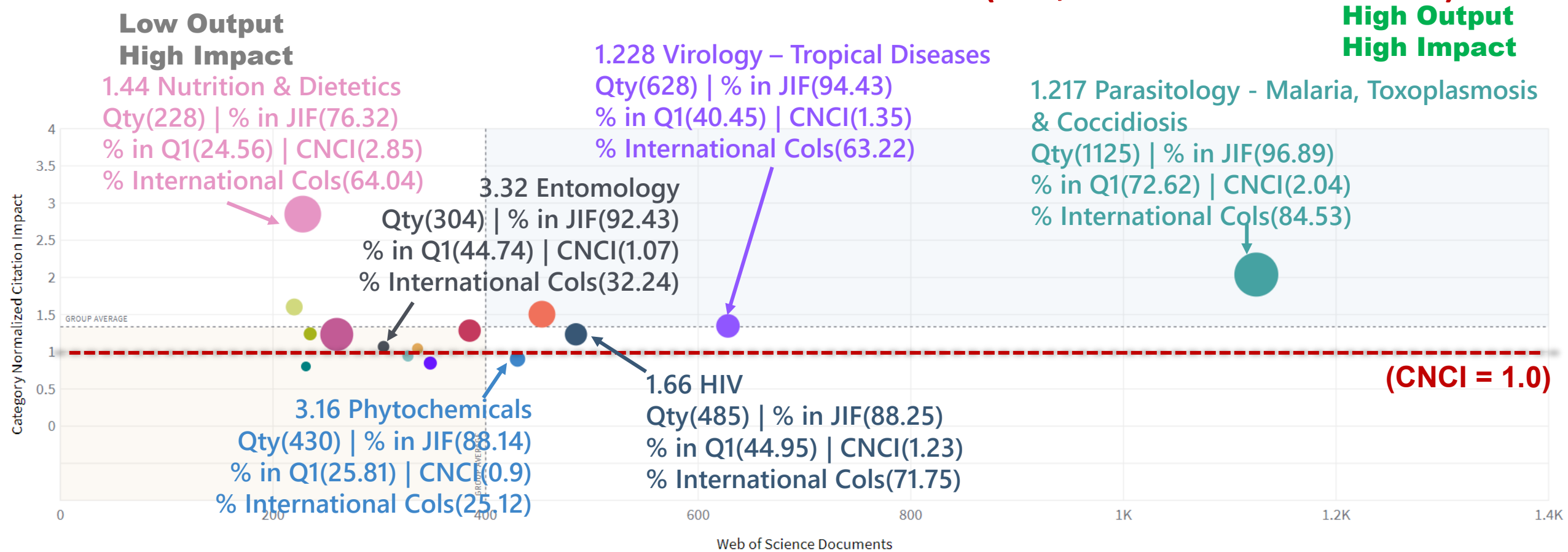
- 1 Clinical & Life Sciences
- 2 Chemistry
- 3 Agriculture, Environment & Ecology
- 4 Electrical Engineering, Electronics & Computer Science
- 5 Physics
- 6 Social Sciences
- 7 Engineering & Materials Science
- 8 Earth Sciences
- 9 Mathematics

Mahidol University: 10 Broad Research Areas Performance, 2010-2019

Research Area	WOS Docs	CNCI	% Docs in JIF	% Docs in Q1	% Docs in Top 1%	% Docs in Top 10%	% Interntl Collab	% Industry Collab
1 Clinical & Life Sciences	13717	1.242	87.24	35.77	1.69	9.90	53.84	3.64
3 Agriculture, Environment & Ecology	2200	0.897	86.36	31.50	0.77	6.82	38.09	0.73
2 Chemistry	1525	0.795	89.31	38.49	0.39	5.57	34.75	1.70
6 Social Sciences	880	0.831	45.34	13.64	0.23	6.70	40.91	0.11
4 Electrical Engineering, Electronics & Computer Science	486	0.582	24.07	8.64	0.62	5.76	31.07	2.47
5 Physics	210	1.975	84.76	55.71	6.19	18.10	69.52	3.33
9 Mathematics	170	0.820	64.12	27.65	1.76	5.29	53.53	1.18
8 Earth Sciences	142	0.779	74.65	30.28	0.00	4.93	54.93	0.00
7 Engineering & Materials Science	135	0.990	65.19	28.89	0.74	11.85	29.63	1.48
10 Arts & Humanities	28	4.439	42.86	17.86	3.57	10.71	10.71	0.00

Mahidol Uni Top 15 Research Cluster (Meso)

302 of 326 research Clusters (19,493 documents)



- 1.217 Parasitology - Malaria, Toxoplasmosis & Coccidiosis
- 1.228 Virology - Tropical Diseases
- 1.66 HIV
- 1.23 Antibiotics & Antimicrobials
- 3.16 Phytochemicals
- 1.42 Bacteriology
- 1.49 Dentistry & Oral Medicine
- 1.163 Parasitology - General
- 1.104 Virology - General
- 3.32 Entomology
- 1.65 Allergy
- 1.184 Physiology & Metals
- 1.80 Bone Diseases
- 1.44 Nutrition & Dietetics
- 1.26 Diabetes

Top 15 Research Clusters (Meso)

Mahidol University published in 302 of the 326 Web of Science Meso Citation Topics

Name	Rank by Qty	Rank by CNCI	Rank by Top 1%	WOS Docs	% Docs in JIF	% Docs in Q1	CNCI	% Docs in Top 1%	% Docs in Top 10%	% Interntl Collab	% Ind Collab
1.217 Parasitology - Malaria, Toxoplasmosis & Coccidiosis	1	4	2	1125	96.89	72.62	2.04	4.89	23.02	84.53	4.53
1.228 Virology - Tropical Diseases	2	17	18	628	94.43	40.45	1.35	2.23	12.74	63.22	5.25
1.66 HIV	3	25	22	485	88.25	44.95	1.23	2.06	10.93	71.75	8.45
1.23 Antibiotics & Antimicrobials	4	11	15	453	94.04	46.36	1.50	2.65	15.01	57.62	2.87
3.16 Phytochemicals	5	43	30	430	88.14	25.81	0.90	1.16	6.05	25.12	0.23
1.42 Bacteriology	6	19	20	385	96.10	51.95	1.28	2.08	11.17	70.39	1.56
1.49 Dentistry & Oral Medicine	7	45	34	348	76.72	18.10	0.85	0.86	6.32	44.25	0.29
1.163 Parasitology - General	8	35	44	336	93.75	23.21	1.04	0.60	9.52	54.46	1.49
1.104 Virology - General	9	41	42	327	95.11	40.06	0.94	0.61	6.73	47.71	3.98
3.32 Entomology	10	32	40	304	92.43	44.74	1.07	0.66	7.89	32.24	0.33
1.65 Allergy	11	26	10	260	90.77	24.62	1.23	3.46	7.31	35.00	3.46
1.184 Physiology & Metals	12	23	35	235	93.19	35.32	1.24	0.85	12.34	47.66	14.04
1.80 Bone Diseases	13	50	46	231	89.18	26.41	0.80	0.43	4.76	35.50	1.73
1.44 Nutrition & Dietetics	14	1	7	228	76.32	24.56	2.85	3.95	8.33	64.04	1.32
1.26 Diabetes	15	10	28	220	81.36	20.91	1.60	1.36	7.27	43.64	3.64

Strength

Potential

InCites

Analyze ▾ Report ▾ Organize ▾ My Organization

Research Areas ▾ SCHEMA Citation Topics ▾ LEVEL **Macro** ▾ e.g. Chemistry

Time Period: 2016-2020 Schema: Citation Topics × Organization Name: Mahidol University × Clear all filters

Filters Indicators Baselines

Narrow the results in the table.

Dataset
InCites Dataset ▾

Include ESCI documents ⓘ

Publication Date
Last 5 complete years (2016-2020) ▾

InCites dataset updated Jul 30, 2021. Includes Web of Science content indexed through Jun 30, 2021

Collaborations with People >

Collaborations with Organizations >

Collaborations with Locations >

Domestic/International Collaboration >

Person Name or ID >

Organization Name ● >

Location >

TABLE VISUAL

10 research areas (12,588 documents) Find in table ▾ Sorted by Web of Science

<input type="checkbox"/> Research Area	Rank	Web of Science Documents	Documents in JIF Journals	Documents in Q1 Journals	% Documents in Top 1%	Category Normalized Citation Impact
<input type="checkbox"/> 1 Clinical & Life Sciences	1	8,911	7,751	3,071	1.66%	1.25
<input type="checkbox"/> 3 Agriculture, Environment & Ecology	2	1,326	1,142	433	0.83%	0.9
<input type="checkbox"/> 2 Chemistry	3	834	762	338	0.48%	0.83
<input type="checkbox"/> 6 Social Sciences	4	672	315	113	0.74%	1.03
<input type="checkbox"/> 4 Electrical Engineering, Electronics & Computer Science	5	327	85	26	0.92%	0.69
<input type="checkbox"/> 5 Physics	6	138	121	76	7.25%	2.34

InCites

Analyze ▾ Report ▾ Organize ▾ My Organization

Research Areas ▾ SCHEMA Citation Topics ▾ LEVEL Macro ▾ 1 Clinical & Life Sciences × e.g. Chemistry

Time Period: 2016-2020 Schema: Citation Topics × Organization Name: Mahidol University × Research Area: 1 Clinical & Life Sciences × Clear all filters

Filters Indicators Baselines

Narrow the results in the table.

Dataset
InCites Dataset ▾

Include ESCI documents ⓘ

Publication Date
Last 5 complete years (2016-2020) ▾

InCites dataset updated Jul 30, 2021. Includes Web of Science content indexed through Jun 30, 2021

Collaborations with People >

Collaborations with Organizations >

Collaborations with Locations >

Domestic/International Collaboration >

Person Name or ID >

Organization Name ● >

TABLE VISUAL

131 research areas (8,911 documents) Find in table ▾ Sorted by Web of Science Documents ▾ +

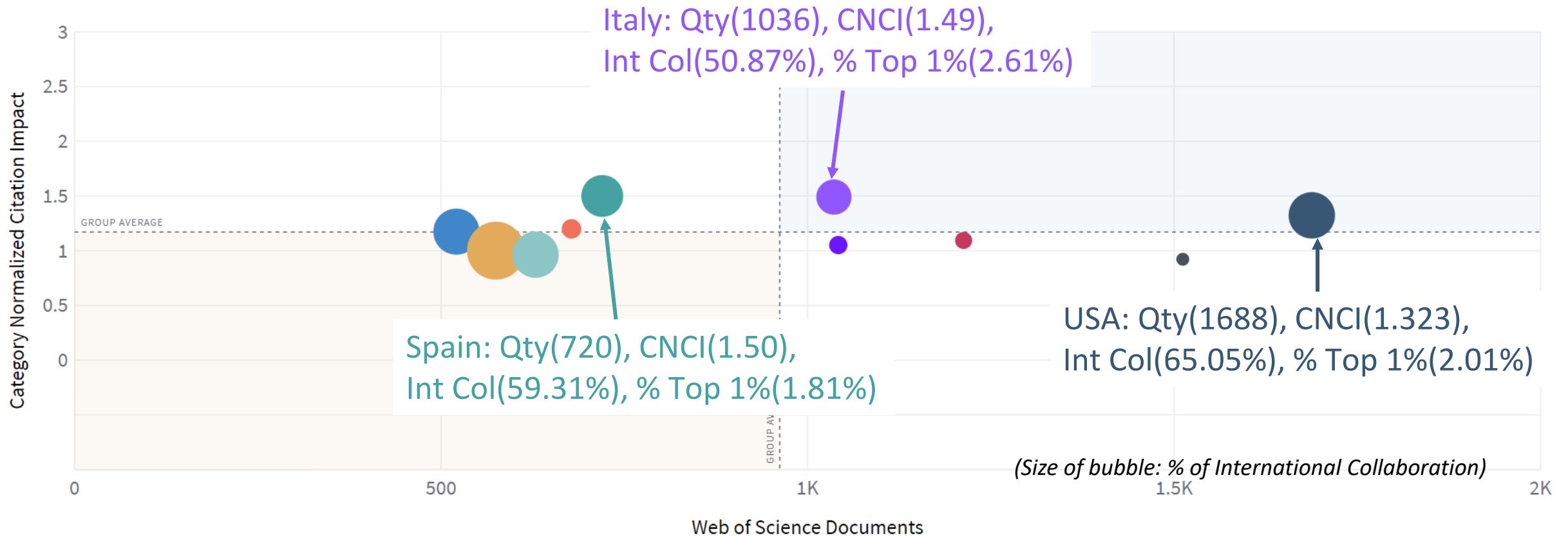
<input type="checkbox"/> Research Area ...	Rank ...	Web of Science Documents ...	Documents in JIF Journals ...	Documents in Q1 Journals ...	% Documents in Top 1% ...	Category Normalized Citation Impact ...	Documents in Top 1%
<input type="checkbox"/> 1.217 Parasitology - Malaria, Toxoplasmosis & Coccidiosis	1	615	602	440	5.69%	2	35
<input type="checkbox"/> 1.228 Virology - Tropical Diseases	2	332	313	124	2.11%	1.01	7
<input type="checkbox"/> 1.23 Antibiotics & Antimicrobials	3	307	290	134	1.95%	1.4	6
<input type="checkbox"/> 1.66 HIV	4	238	211	95	1.26%	0.86	3
<input type="checkbox"/> 1.104 Virology - General	5	225	214	90	0.89%	1.05	2
<input type="checkbox"/> 1.42 Bacteriology	6	215	209	108	1.86%	1.34	4

Identifying Potential Collaborators in Phytochemicals

3.16 Phytochemicals Research Landscape Year 2019

- Top 10 Countries
- Top 10 Potential Collaborating Institution
- Top 10 Potential Collaborators (Researchers)
- Top Journals publishing about Phytochemicals

Top 10 Countries in 3.16 Phytochemicals

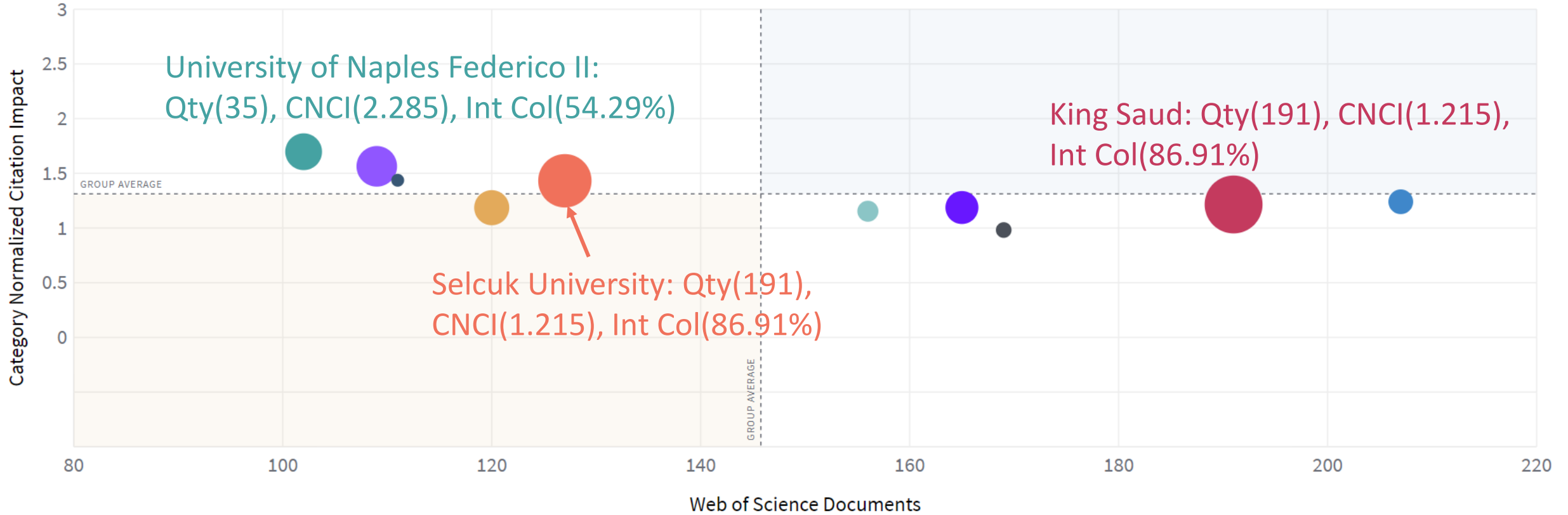


● SPAIN ● ITALY ● USA ● POLAND ● GERMANY (FED REP GER) ● IRAN ● SOUTH KOREA ● SAUDI ARABIA ● EGYPT ● BRAZIL

Top 10 Countries in 3.16 Phytochemicals research

Name	WOS Docs	% Docs in Q1 Journals	CNCI	% Docs in Top 1%	% Intl Collab	% Ind Collab	% First Author	% Corres Au
SPAIN	720	63.21	1.500	1.81	59.31	0.56	61.81	66.67
ITALY	1036	47.77	1.490	2.61	50.87	0.39	71.04	75.58
USA	1688	49.45	1.323	2.01	65.05	1.42	52.55	59.48
POLAND	678	34.92	1.200	0.74	31.12	0.29	85.10	86.58
GERMANY	521	50.61	1.175	1.34	64.68	1.54	54.70	55.09
IRAN	1213	36.45	1.094	1.07	28.03	0.33	94.06	93.49
SOUTH KOREA	1042	40.73	1.052	0.58	29.56	0.48	85.41	90.40
SAUDI ARABIA	575	21.44	1.001	1.91	79.65	0.17	58.61	58.96
EGYPT	629	24.27	0.964	1.11	64.86	0.00	74.09	69.00
BRAZIL	1512	34.20	0.922	0.60	22.75	0.00	91.87	90.15

Top 10 Institutes in 3.16 Phytochemicals Research



● University of Naples Federico II ● Universidade do Porto ● Universidade Estadual de Campinas ● Selcuk University ● Mashhad University Medical Science
● King Saud University ● University of Belgrade ● Cairo University ● Tehran University of Medical Sciences ● Universidade de Sao Paulo

(Size of bubble: % of International Collaboration)

Top 10 Institutes in 3.16 Phytochemicals Research

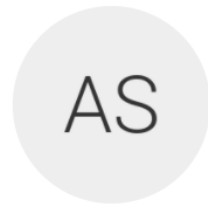
Name	WOS Docs	% Docs in Q1	CNCI	% Docs in Top 1%	% Intl Collab	% First Author	% Corres Au
University of Naples Federico II	102	50.00	1.697	3.92	55.88	45.10	59.80
Universidade do Porto	109	58.82	1.564	3.67	61.47	42.20	57.80
Universidade Estadual de Campinas	111	50.98	1.436	3.60	20.72	55.86	51.35
Selcuk University	127	30.83	1.432	2.36	80.31	34.65	56.69
Mashhad University Medical Science	207	45.22	1.240	0.97	38.16	57.49	80.68
King Saud University	191	21.74	1.215	3.14	86.91	43.46	53.40
University of Belgrade	165	37.09	1.187	0.00	50.30	46.06	49.70
Cairo University	120	29.70	1.186	1.67	53.33	56.67	44.17
Tehran University of Medical Sciences	156	47.06	1.153	1.92	32.69	45.51	44.23
Universidade de Sao Paulo	169	40.74	0.981	0.00	24.85	52.07	45.56

Top 10 Researchers in 3.16 Phytochemicals research

Person Name	Web of Science Documents	Affiliation	H-Index	Times Cited	Category Normalized Citation Impact	% First Author (2008-2021)	% Corresponding Author (2008-2021)
<input type="checkbox"/> Sahebkar, Amirhossein	68	Mashhad University Medical Science	23	1,397	1.73	0%	83.82%
<input type="checkbox"/> Mahomoodally, Mohamad Fawzi	65	Ton Duc Thang University	12	582	1.36	9.23%	33.85%
<input type="checkbox"/> Zengin, Gokhan	60	Selcuk University	12	459	1.36	16.67%	50%
<input type="checkbox"/> Ferreira, Isabel C. F. R.	58	Instituto Politecnico de Braganca	16	739	2.11	0%	82.76%
<input type="checkbox"/> Barros, Lillian	46	Instituto Politecnico de Braganca	14	576	2.24	0%	34.78%
<input type="checkbox"/> Zengin, Gokhan	32	Selcuk University	11	447	2.1	25%	46.88%
<input type="checkbox"/> Maggi, Filippo	30	University of Camerino	10	274	1.67	10%	30%
<input type="checkbox"/> Sharifi-Rad, Javad	29	Shahid Beheshti University Medical Sciences	17	1,143	2.65	6.9%	93.1%
<input type="checkbox"/> Calhelha, Ricardo C.	29	Instituto Politecnico de	11	335	2.12	0%	0%



Use the WOS Author Record to further evaluate an author



Sahebkar, Amirhossein ✓

Mashhad University of Medical Sciences

Web of Science ResearcherID: B-5124-2018 ⓘ

[View public profile](#)

See a complete view of this researcher's scholarly contributions, including peer review and editorial work.

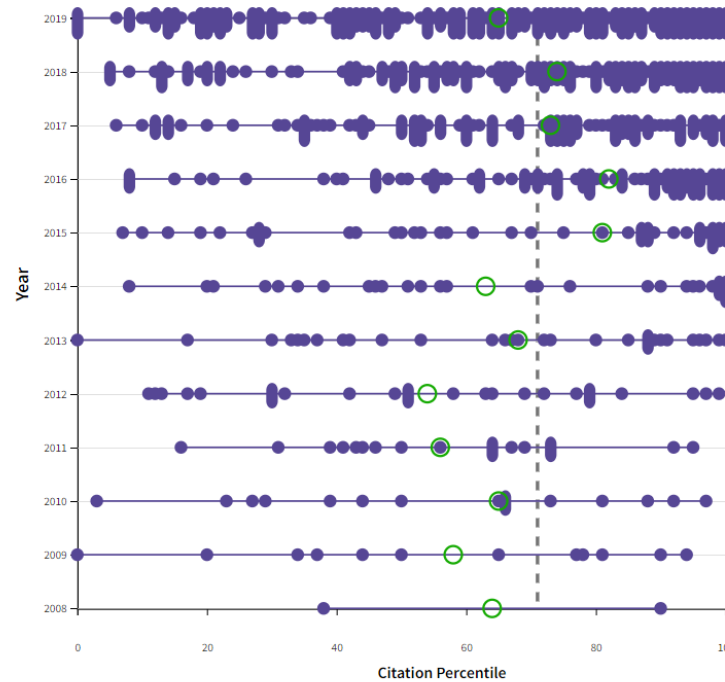
Verify your Author Record

Get your own verified author record. Enter your name in Author Search, then click "Claim My Record" on your author record page.

[Go to author search](#)

PUBLICATIONS AUTHOR IMPACT BEAMPLOT

Range: Full Career ▾



● Citation percentile ○ Annual citation percentile - - Overall citation percentile median

Citation counts are from Web of Science Core Collection; citation percentile data are from InCites.

[How to read this beamplot](#)

[View full beamplot](#)

Citation Network ⓘ

88

H-Index

1001

Total Publications

36,998

Sum of Times Cited

25,491

Citing Articles

[View citation report](#)

Peer Review Metrics

54

Verified Peer Reviews

0

Verified Editor Records

Author Position ⓘ

First	12%	■
Last	51%	■
Corresponding	49%	■

Author Network ⓘ

Top co-authors

Banach, Maciej	190
Panahi, Yunes	102
A. Ferns, Gordon	93
Pirro, Matteo	88
Simental-Mendia, Luis E.	54

Top 15 Journals in 3.16 Phytochemicals research

Based on 2021 Journal Citation Reports

<input type="checkbox"/> Publication Source Name ...	Quartile ...	Journal Impact Factor ...	Journal Citation Indicator ↕ ...	% All Open Access Documents ...
<input type="checkbox"/> NEW ENGLAND JOURNAL OF MEDICINE	Q1	91.245	26.14	0%
<input type="checkbox"/> LANCET	Q1	79.321	20.05	100%
<input type="checkbox"/> NATURE GENETICS	Q1	38.330	8.78	50%
<input type="checkbox"/> SCIENCE	Q1	47.728	7.63	25%
<input type="checkbox"/> NOUS	n/a	n/a	6.45	0%
<input type="checkbox"/> EUROPEAN UROLOGY	Q1	20.096	6.4	100%
<input type="checkbox"/> BMJ-BRITISH MEDICAL JOURNAL	Q1	39.890	6.27	100%
<input type="checkbox"/> CIRCULATION	Q1	29.690	6.16	100%
<input type="checkbox"/> INTERNATIONAL JOURNAL OF HERITAGE STUDIES	Q2	2.154	4.89	100%
<input type="checkbox"/> NATURE PLANTS	Q1	15.793	4.63	50%
<input type="checkbox"/> AMERICAN JOURNAL OF PSYCHIATRY	Q1	18.112	4.46	100%
<input type="checkbox"/> NATURE MICROBIOLOGY	Q1	17.745	4.36	0%

Custom Data Analysis from WOS

Exporting custom dataset from Web of Science to InCites

Web of Science



Search

Tools Searches and alerts Search History Marked List

Results: 19,881

(from Web of Science Core Collection)

You searched for: TOPIC: (dengue OR malaria OR Zika OR Mosquito*)
...More

Create an alert

Refine Results

Search within results for...



Filter results by:

- Highly Cited in Field (111)
- Hot Papers in Field (3)
- Open Access (13,159)
- Associated Data (82)

Sort by: Date Times Cited Usage Count Usage Count (Last 180 days) More

1 of 1,989

Select Page

Export...

Add to Marked List

EndNote Desktop

EndNote Online

Excel

Other File Formats

Claim on Publons - track citations

InCites

FECYT CVN

RefWorks

Print

Email

Fast 5K

1.

System

By: Wa

SOCIA



2.

In Vitro

Treatm

By: Yac

CLINIC



Free Full Text from Publisher

View Abstract

h-related Misinformation on Social Media

Number: 112552 Published: NOV 2019

tract

d Dosing Design of Hydroxychloroquine for the
ronavirus 2 (SARS-CoV-2)

5 Pages: 732-739 Published: AUG 1 2020

Analyze Results

Citation Report feature not available. [?]

Times Cited: 123
(from Web of Science Core Collection)

Hot Paper
Highly Cited Paper

Last 180 Days: 39

Times Cited: 923
(from Web of Science Core Collection)

Hot Paper
Highly Cited Paper

Last 180 Days: 25

Select the custom dataset from the dataset drop-down list in InCites

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote Publons

InCites

Analyze Report Organize My Organization

Organizations *e.g. University of Toronto*

Time Period: 2016-2020 Schema: Web of Science

Filters Indicators Baselines

Narrow the results in the table.

Dataset

InCites Dataset

- InCites Dataset
- DOST PCHRD Phil Malaria
- DOST PCHRD Global Malaria
- dengue global
- Phil 1.05 Environ Sci
- UMK Custom
- Novartis SG
- Roche SG
- Endo & Metabo Industry SG Collab
- Phil Environ Science 1113
- Water Resource Mngmt Global Data

14,817 organizations (14,114,358 documents)

Organization Name	Rank	Web of Science Documents
<input type="checkbox"/> University of California System	1	333,172
<input type="checkbox"/> Chinese Academy of Sciences	2	301,416
<input type="checkbox"/> Centre National de la Recherche Scientifique (CNRS)	3	246,195
<input type="checkbox"/> University of London	4	208,269
<input type="checkbox"/> Harvard University	5	203,911
<input type="checkbox"/> Russian Academy of Sciences	6	164,891

Need Help?

Analyze

Dig into the data.

Start from scratch, revisit recent analyses, or pick a popular use case to launch a starter analysis.

[Start an analysis](#)

Report

Gather your insights to present and share.

Create a custom report or revisit saved reports. Or, start with an overview report with analyses you can adjust as needed.

[Explore reports](#)

Organize

Keep tabs on multiple research questions and trends.

Organize your analyses, visuals, and reports into folders and dashboards that you can revisit.

[Organize your projects](#)

Resource Center

- [Getting Started Guides](#)
LEARN THE BASICS
- [I want to...](#)
EXPLORE MORE FEATURES
- [Product Updates](#)
FEATURE ANNOUNCEMENTS
- [News & Events](#)

- What's New
- System Requirements
- Registration and Sign-in
- Analyze
- Report
- Organize
- Custom Datasets
- My Organization Module
- Research Area Schemas
- Indicators Handbook
- WoS Author Record (Beta)
- Author Position
- Impact Profile™
- Open Access
- Product Support
- Training



What's New



Getting Started



Training Videos



Indicators Handbook

About InCites

InCites is a citation-based evaluation tool for academic and government administrators to analyze institutional productivity and benchmark output against peers and aspirational peers nationally, and internationally. The following are benefits of using InCites.

Research Organizations

- Identify and manage research activities and their impact
- Benchmark and compare performance to peers
- Promote internal and external partnerships and collaborations
- Identify experts both inside and outside the organization
- Promote areas of strength and specialization

Funding and Policy Organizations

- Identify emerging subject areas, researchers, and experts
- Manage funding activity from submission to progress reports through outcomes
- Demonstrate results and impact of funding policy
- Identify new trends and key indicators to enable policy development
- Increase visibility of successes

Quick Guides for InCites

More ways to get started

Pick a popular use case to be guided through a starter analysis, or choose from one of your recent analyses, then adjust as needed.

[Learn more about analysis](#)

STARTER ANALYSES

All

Organization performance

Researcher performance

Collaboration

Journal usage

Funding sources

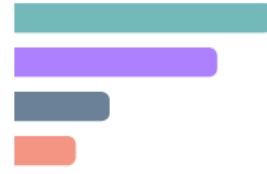
Location output

MY ANALYSES

[View all saved analyses](#)



What are the top producing Research Areas at a specific Organization?



Who are the most-cited Researchers in a Research Area at a specific Organization?



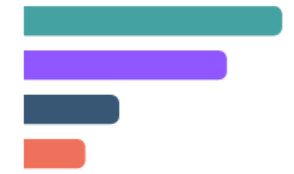
Which Organizations are the world's top performers in a Research Area?



Which Organizations collaborate more frequently with yours and has the most impact?



Which Funding Agencies have funded work in a specific Research Area?



Which are the top Journals in a specific Research Area?





Questions or need more help?

Dju-Lyn Chng, Regional Solution Consultant (ASEAN)

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