



INTRODUCING!

MUREX Portal

Mahidol University Research Experts
Professional Profiles of MU Researchers

<https://mahidol.elsevierpure.com>



Welcome to Mahidol University Research EXperts (MUREX) Portal



[Advanced search](#)



Profiles



Research units



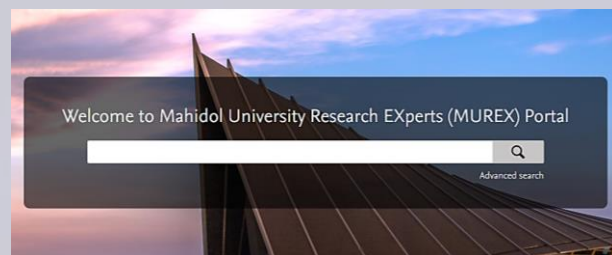
Research output



Equipment



Prizes



MUREX Portal

Research outputs from databases

Research metrics: h-index, h-5

Research fingerprints

Research collaborations/ networks

Expertise related to SDGs

Citations and activities

Similar profiles among MU's

Log in to Pure
via Single Sign-on

Mahidol University
Academy of the Land

Sign in
with your Mahidol University Accounts.

Username

Password

Sign in

Forgot password?



Researcher's Inputs

Personal profiles

Education/ affiliations

Additional outputs: books, IP

Keywords/ visibility

Student position opening

Prizes (Awards)



Personal Profile



MUREX Portal

Welcome to Mahidol University Research EXperts (MUREX) Portal

Advanced search

Profiles 3949 Research units 388 Research output 46272 Equipment 1 Prizes 1

Powered by [Pure](#), [Scopus](#) & [Elsevier Fingerprint Engine™](#) © 2024 Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing you agree to the [use of cookies](#)

[Log in to Pure](#)

Log in to Pure

Scholarly Works	ผลงานวิจัย	108
External associations only		107
Article	ดึงจากฐานข้อมูล / ใส่ข้อมูลเองได้	1
+ New	Import	
Prizes	รางวัล	1
National/international honour		1
+ New		
Applications	ข้อเสนอโครงการ	18
Proposal (Grant)		3
Starter		3
Proposal (Fellowship)		1
+ New		
Projects	ข้อเสนอโครงการที่ได้รับอนุมัติทุน	5
Research Project		4
Other Project	และอยู่ระหว่างบริหารจัดการ	1
+ New		
Funding opportunities	ประกาศข่าวทุน	19447
Unknown		19447
Impacts		0
+ New		
Student theses	วิทยานิพนธ์	1
Doctor of Dental Science		1
+ New		



MUREX Portal

Personal Profile



Scholarly Works ผลงานวิจัย 108

External associations only 107

Article **ดึงจากฐานข้อมูล / ใส่ข้อมูลเองได้** 1

+ New Import

Prizes รางวัล 1

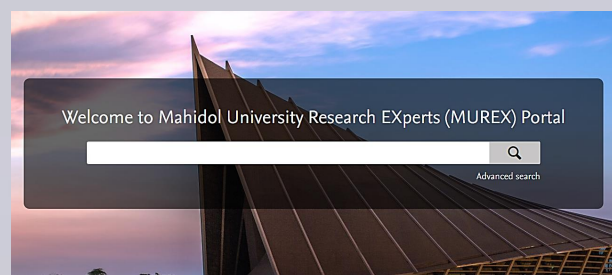
Choose submission

- Submission guide
- Scholarly Work
- Activity**
- Prize
- Application
- Award
- Project
- Ethical review
- Course

Publication peer-review and editorial work	18
Participating in or organising an event	3
Talk or presentation	3
Consultancy	1
Membership	5
Visiting an external institution	4
Hosting a visitor	1
Examination	9447
Other	19447
	0
	1
	1

Choose submission

- Submission guide
- Scholarly Work**
- Create from template
- Import from online source
- Import from file
- Activity
- Prize
- Application
- Award
- Project
- Ethical review
- Course
- Impact
- Dataset
- Student thesis
- Curriculum Vitae
- Contribution to journal
- Chapter in Book/Report/Conference proceeding
- Book/Report
- Contribution to specialist publication
- Working paper
- Contribution to conference
- Non-textual form
- Thesis
- Patent
- Memorandum/exposition
- Contribution to memorandum/exposition
- Other contribution




MUREX Portal



Personal Profile

- Scholarly Works 108
 - External associations only 107
 - Article 1
 - + New Import
- Prizes 1
 - National/international honour 1
 - + New
- Applications 18
 - Proposal (Grant) 3
 - Starter
 - Proposal (Fellowship) 1
 - + New
- Projects 1
 - Research Project
 - Other Project 1
 - + New
- Funding opportunities 19447
 - Unknown 19447
- Impacts 0
 - + New
- Student theses 1
 - Doctor of Dental Science 1
 - + New





Mahidol University
Wisdom of the Land

370
Conference contribution

151
Article


16
Conference article

6
Editorial

11
More

- 4 Review article
- 3 Paper
- 2 Chapter
- 2 Comment/debate

Home
Profiles
Research units
Res



Narattaphol Charoenphandhu
Distinguished Professor, M.D., Ph.D.
[Faculty of Science, Department of Physiology](#)

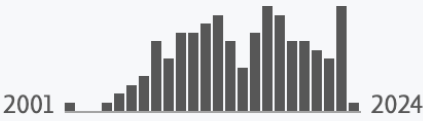
Accepting PhD Students

PhD projects
AI-assisted drug discovery for microgravity- and space travel-related osteoporosis

[View Scopus Profile](#)

h-index | **h5-index**

2795	28
Citations	h-index



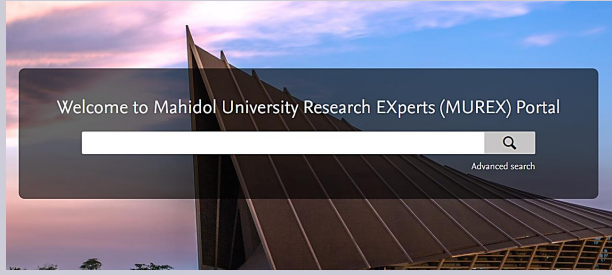
Research activity per year

Overview
Fingerprint
Network
Research output (151)
Prizes (1)
Similar Profiles (6)

Personal profile

Personal profile

The ultimate goal of Dr. Narattaphol's work is to answer the question of – how to help people have strong and healthy bone? This question should bring awareness



MUREX Portal



Research Metrics

Development of a mobile application to improve exercise accuracy and quality of life in knee osteoarthritis patients: a randomized controlled trial

Thiengwittayaporn, S., Wattanapreechanon, P., Sakon, P., Peethong, A., Ratisoontorn, N., Charoenphandhu, N. & Charoensiriwath, S., Feb 2023, In: Archives of Orthopaedic and Trauma Surgery. 143, 2, p. 729-738 10 p.
Research output: Contribution to journal > Article > peer-review

Open Access

- Quality Of Life
- Mobile Application
- Patient
- Procedures
- Clinical Outcome

Posted by **5 X** users
 128 readers on Mendeley
[See more details](#)

11 Citations (Scopus)

PLUMX

Citations
Citation Indexes: **11**

Captures
Readers: **112**

[see details](#)



Fe³⁺ opposes the 1,25(OH)₂D₃-induced calcium transport across intestinal epithelium-like Caco-2 monolayer in the presence or absence of ascorbic acid

Phummisutthigoon, S., Lertsuwan, K., Panupinthu, N., Aeimlapa, R., Teerapornpantakit, J., Chankamngoen, W., Thongbunchoo, J., Charoenphandhu, N. & Wongdee, K., Aug 2022, In: PLoS ONE. 17, 8 August, e0273267.
Research output: Contribution to journal > Article > peer-review

Open Access

PLUMX

Citations
Citation Indexes: **1**

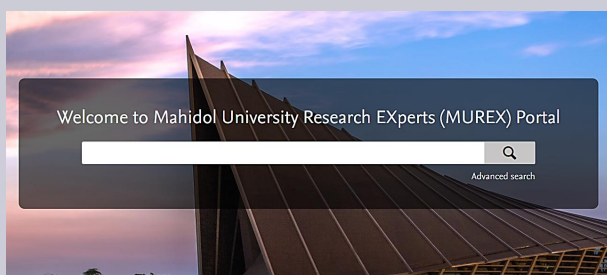
Captures
Readers: **3**

Social Media
Shares, Likes & Comments: **113**

[see details](#)



1



MUREX Portal



Research Activities & Fingerprint

Expertise related to UN Sustainable Development Goals

In 2015, UN member states agreed to 17 global Sustainable Development Goals (SDGs) to end poverty, protect the planet and ensure prosperity for all. This person's work contributes towards the following SDG(s):



Fingerprint

Dive into the research topics where Narattaphol Charoenphandhu is active. These topic labels come from the works of this person. Together they form a unique fingerprint.

6
Similar Profiles

Calcium
Pharmacology, Toxicology an...

Bone
Biochemistry, Genetics and ...

Prolactin
Biochemistry, Genetics and ...

Rat
Pharmacology, Toxicology an...

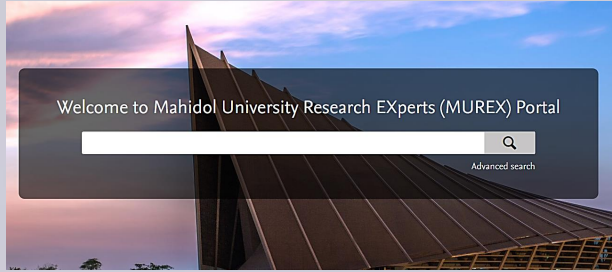
Isotopes of Calcium
Medicine and Dentistry

Osteoblast
Biochemistry, Genetics and ...

Calcium Absorption
Biochemistry, Genetics and ...

Lactation
Biochemistry, Genetics and ...

[View full fingerprint >](#)

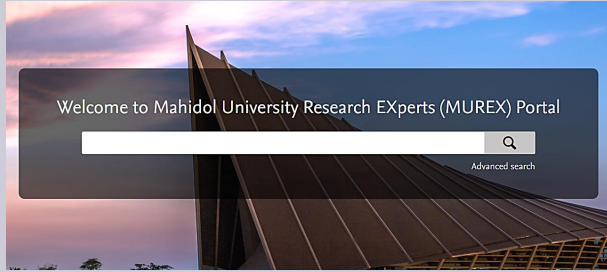


MUREX Portal



International Collaborations





MUREX Portal



Networks

Profiles
 External persons
 Research units
 External research units

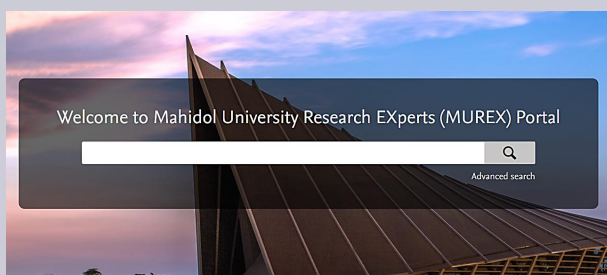
Show counts on lines

Years
2020 to 2024

Collaboration minimum
2

Force Circle

The network graph displays a dense web of connections between various research units and individuals. Nodes are represented by person icons and house icons. The graph is highly interconnected, with many overlapping lines. Some nodes are highlighted in blue, including 'Narattaphol' and 'Charoenphandhu'. The network includes nodes from various institutions such as The Royal Society of Thailand, Siam University, Burapha University, and Mahidol University.



MUREX Portal



ข้อมูลส่วนงานสามารถปรับได้ตามความเหมาะสม

Home Profiles **Research units** Research output

Search...

Faculty of Information and Communication Technology

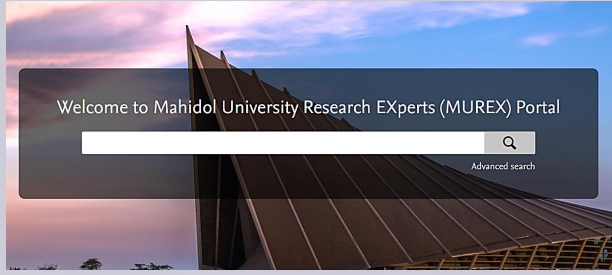
[Mahidol University](#)

Overview Fingerprint Network Profiles (40) Research output (554)

Fingerprint

Dive into the research topics where Faculty of Information and Communication Technology is active. These topic labels come from the works of this organisation's members. Together they form a unique fingerprint.

Images Engineering	Models Engineering	Model Computer Science	Dataset Engineering
User Computer Science	Research Engineering	Convolutional Neural Network Computer Science	Application Computer Science



MUREX Portal



ข้อมูลมหาวิทยาลัยรวมอยู่ในที่เดียว!

Mahidol University's Commitment to Sustainable Development

Mahidol University's 2024-2027 strategic plan champions the Sustainable Development Goals. Prioritizing policy advocacy, capacity building, and health, the university is a catalyst for sustainable, equitable change, aligning with global standards to create a healthier world



COVID-19
Medicine and Dentistry

Analysis
Medicine and Dentistry

Patient
Medicine and Dentistry

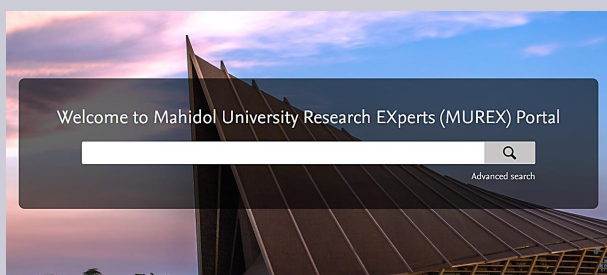
Health
Psychology

Logistic Regression Analysis
Medicine and Dentistry

Regression Analysis
Psychology

Age
Medicine and Dentistry

Procedures
Nursing and Health Professions



MUREX Portal



หาข้อมูลทุกอย่างเกี่ยวกับงานวิจัยมหิดล

Search everything

micro fluidic



Advanced search

SELECTED FILTERS CLEAR ALL

CONCEPTS

Microfluidics x

6 results

Relevance >



Export search results



Duangjai Nacapricha

Faculty of Science, Department of Chemistry

1991 2024

8 matches



Rattikan Chantiwas

Faculty of Science, Department of Chemistry

2000 2024

6 matches



Mayuree Chanasakulniyom

Faculty of Medical Technology,
Product Standards Development
and Evaluation Center

2008 2023

2 matches



Tienrat Tangchaikere

Faculty of Medical Technology,
Center for Research Innovation and
Biomedical Informatics

2013 2022

1 match



Panya Sunintaboon

Faculty of Science, Department of Chemistry

2002 2023

1 match



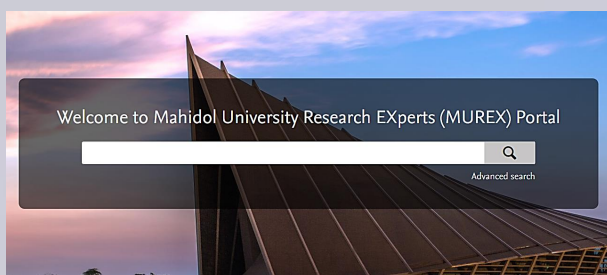
Atitaya Siripinyanond

Faculty of Science, Department of Chemistry

1996 2024

1 match





MUREX Portal

“.. จะดีแค่ไหน ..
ถ้าผลงานทุกประเภทของนักวิจัย
ถูกรวบรวมไว้ในที่เดียว ..”



ขอเชิญชวนนักวิจัยร่วมเพิ่มเติมผลงาน
ในระบบฐานข้อมูลนักวิจัย
MUREX Portal



คู่มือการเพิ่มผลงานวิจัย

Meet Our Team



ดร.วนรัักษ์ ชัยมาโย

☎ 0 2849 6317



สุปรานี ลิมพวงแก้ว

☎ 0 2849 6241



รัชชดา ชัยสุทรานนท์

☎ 0 2849 6255

thankyou



งานบริหารข้อมูลและเผยแพร่งานวิจัย กองบริหารงานวิจัย มหาวิทยาลัยมหิดล Email: murex@mahidol.ac.th



Let's GO Live!

<https://mahidol.elsevierpure.com>