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Resources | Navigating | SDGs





Announcement

- Ask questions using Q&A feature.
- 2. Questions will be answered after presentation.
- 3. You will be asked to fill the evaluation at the end of the training.
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Agenda

Introducing Elsevier

Thailand's research and resources

Navigating ScienceDirect

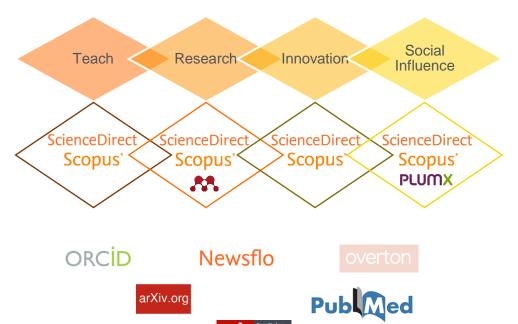
Thailand and SDGs

Elsevier's e-Learning Source

Q&A, Closing and announcement



Elsevier's Solutions: Resources Match with needs



Given the continued global challenges, such as students are adapting to an online learning environment; faculty are searching for content to build online coursework, and librarians play a critical role in support students and lecturers in their endeavors, Elsevier are here to enable and support universities and research institutes with solutions that match your needs.

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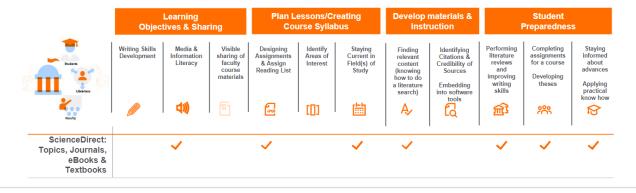


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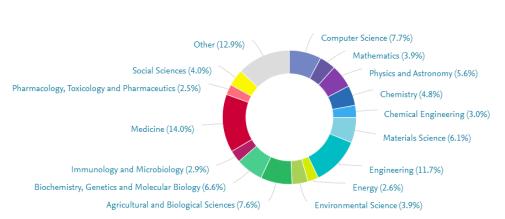
Thailand Public University's Research and Resources

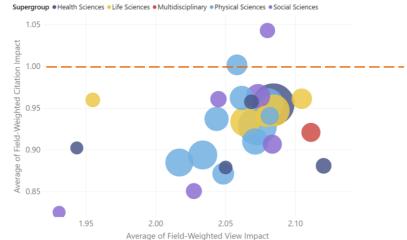
What resources do Thailand need and what do we have?



Thailand Public University's Profile: Research Overview







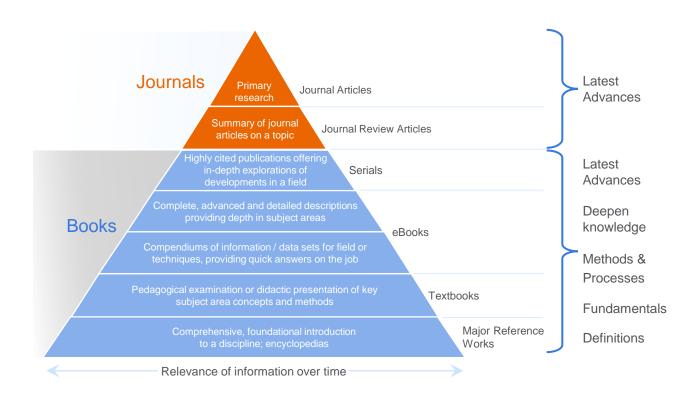
As an average, Scholarly output of Thailand has FWCI lower than 1, and healthy viewership of higher than 2.

The exceptions can be observed for the research in Art and Humanities (Social Science) and Energy (Physical Science) which had FWCI of 1.04 and 1.00 respectively. However, the quality and exposure of research in Social Science and Physical Science were scattered, suggesting the nonconformity of the research's quality in these two areas.

In contrast, the research in Life Science, and Health Science were well clumped together. Majority of research in Medicine (Health Science) had FWCI of 0.95, same as FWCI of research in Agricultural and Biological Science (Life Science).

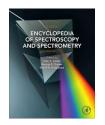






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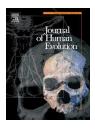




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Provide fundamental information that opens up fundamental overview of the existing body of knowledge

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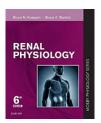
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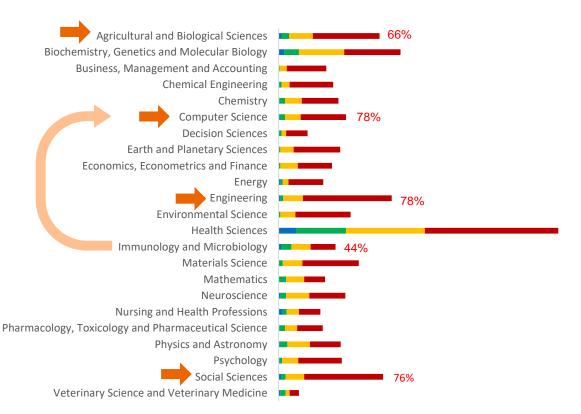
Offers a fresh and in-depth perspective on the current state of research that use the latest scholarship.

· methods, manuals, operation



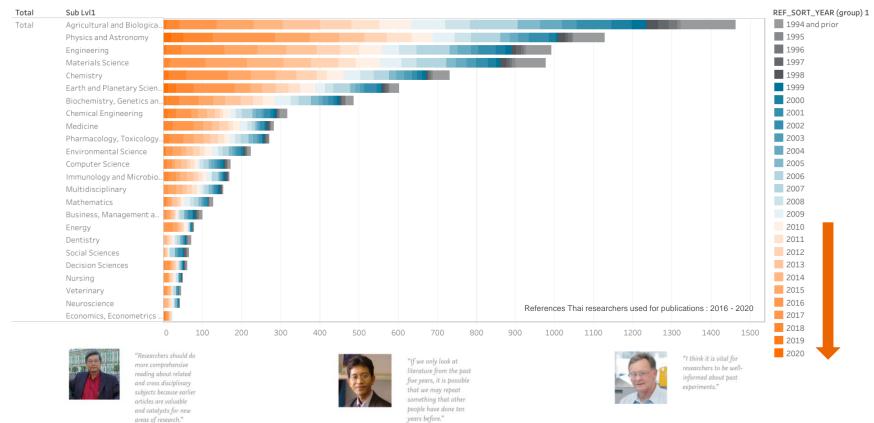
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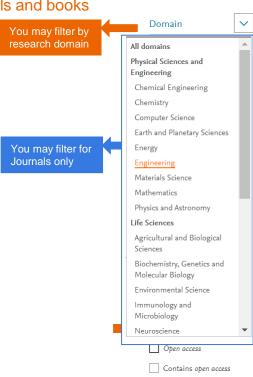


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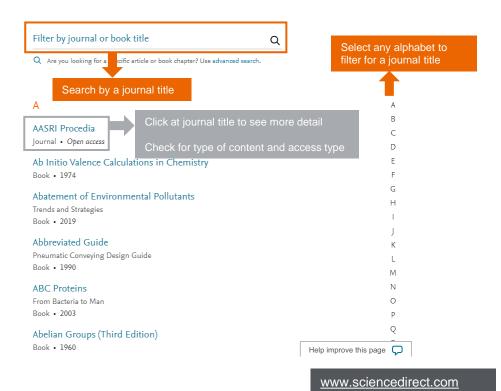


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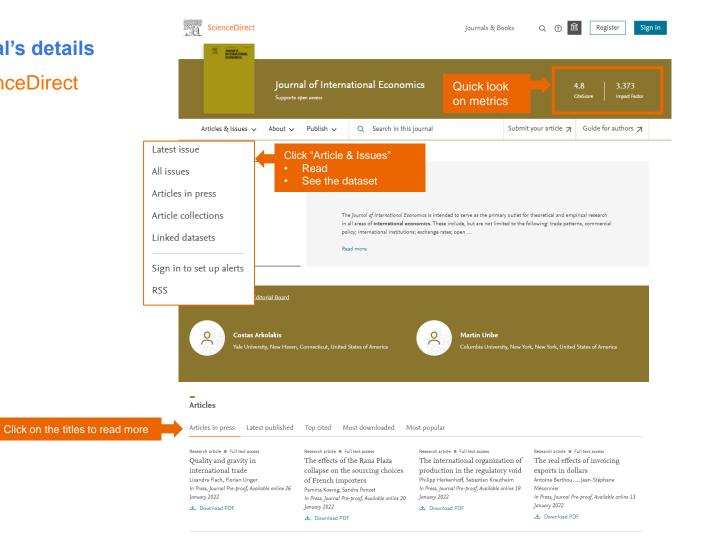
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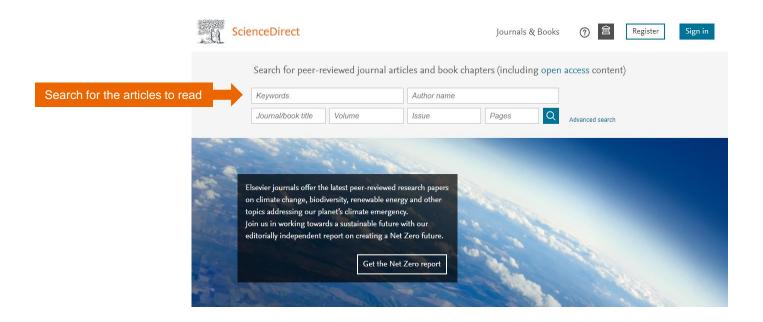
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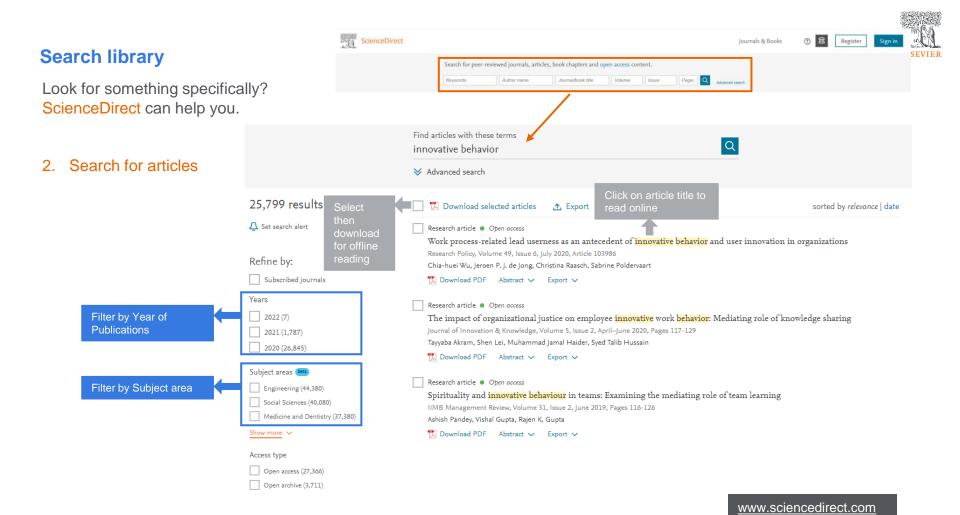














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Abstract

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Conclusions

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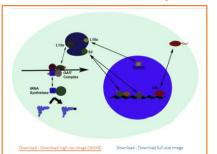
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Journal of Proteomics
Volume 134, 16 February 2016, Pages 19-24



Protein species and moonlighting proteins: Very small changes in a protein's covalent structure can change its biochemical function ★

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https://doi.org/10.1016/j.jprot.2015.10.003

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Highlights

- Moonlighting proteins have two or more physiologically relevant biochemical or biophysical functions.
- Post-translational modifications can toggle a moonlighting protein between two functions.
- Small differences between protein species can result in a homolog of a moonlighting protein with only one of the functions.
- A single amino acid difference can cause the gain of a "neomorphic moonlighting function".

Abstract

In the past few decades, hundreds of moonlighting proteins have been identified that perform two or more distinct and physiologically relevant biochemical or biophysical functions that are not due to gene fusions, multiple RNA splice variants, of pleiotropic effects. For this special issue on protein species, this article discusses three topics related to moonlighting proteins that illustrate how small changes or differences in protein covalent structures can result in different functions.

Part of special issue:

Towards deciphering proteomes via the proteoform, protein speciation, moonlighting and protein code concepts

Edited by Peter Jungblut, Bernd Thiede, Hartmut Schlüter

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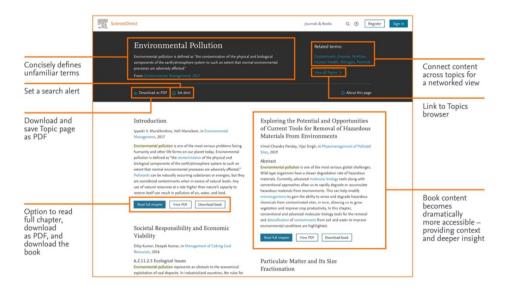
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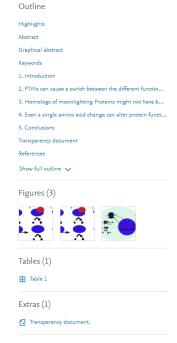
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Protein species and moonlighting proteins: Very small changes in a protein's covalent structure can change its biochemical function ★

Constance J. Jeffery

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Part of special issue:

Towards deciphering proteomes via the proteoform, protein speciation, moonlighting and protein code concepts

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Protein species and moonlighting proteins: Very small changes in a protein's covalent structure can change its biochemical function

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In the past few decades, hundreds of moonlighting proteins have

been identified that perform two or more distinct and physiologically

relevant biochemical or biophysical functions that are not due to gene

fusions, multiple RNA splice variants, or pleiotropic effects. For this

related to moonlighting proteins that illustrate how small changes or

functions. Examples are given of moonlighting proteins that switch

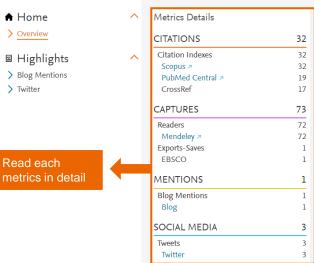
between functions after undergoing post-translational modifications

special issue on protein species, this article discusses three topics

differences in protein covalent structures can result in different

(PTMs), proteins that share high levels of amino acid

identity to a moonlighting protein but share only on





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AUTHOR(S): Constance J. Jeffery

PUBLISHER(S): Elsevier BV

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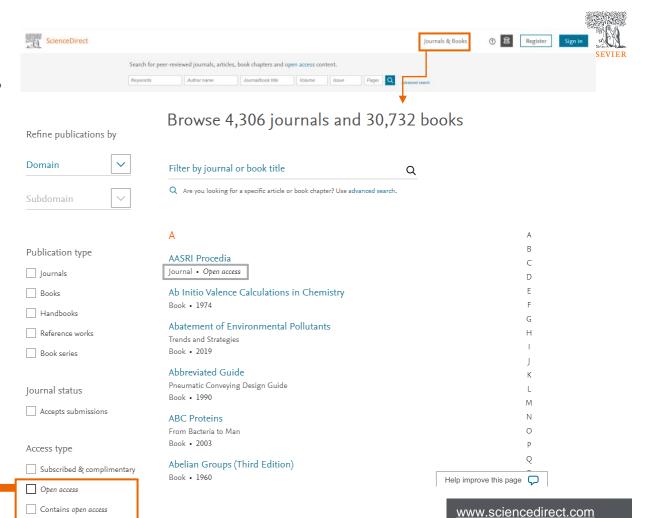


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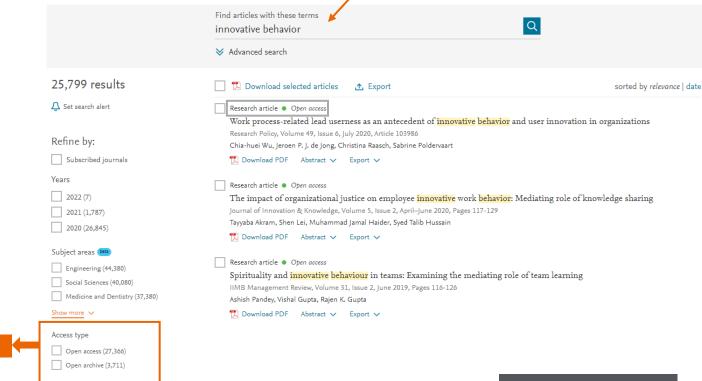


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Thailand Public University's SDGs-Research Profile

What if we works on multidisciplinary research?



United Nations' Sustainable Development Goals (SDGs)





The United Nations Sustainable Development Goals (SDGs) challenge the global community to build a world where no one is left behind.

Adopted in 2015 as part of the 2030 agenda for sustainable development, the SDGs comprise of 17 goals and the associated 169 targets as areas considered of critical importance for humanity.







Circular economy

aims at reusing and recycling resources

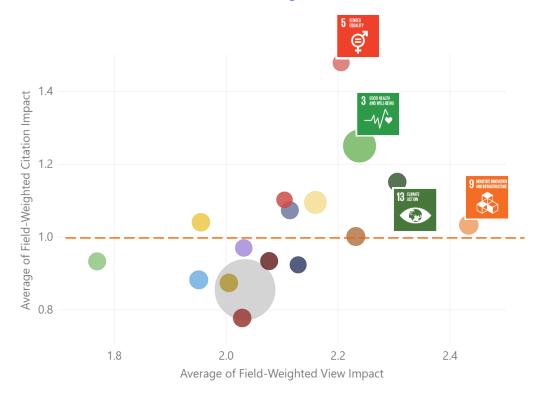
Bioeconomy involves the production of renewable biological resources and the conversion of these resources into value added products



Green economy determines to keep economy, society and the environment in balance, leading to sustainable development

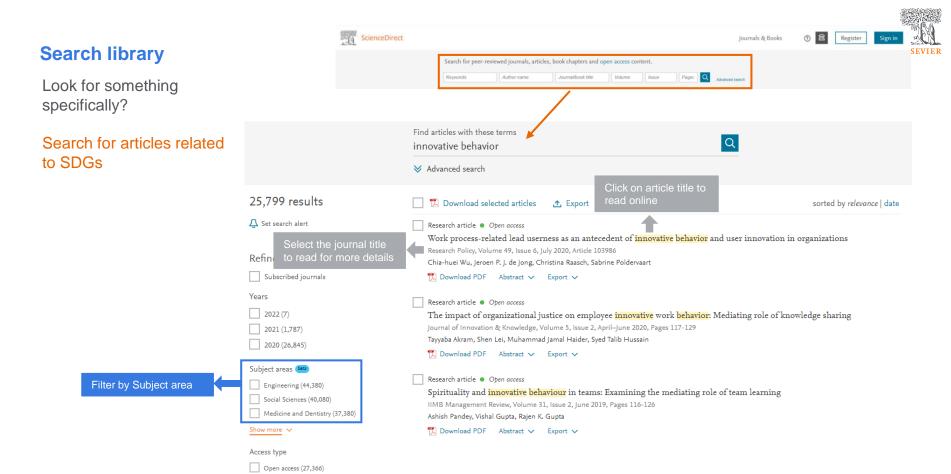
Thailand Public University's Profile: SDG-Related Research





Since 2017, Thailand has been a part of voluntary national reviews (VNRs) of the high-level political forum on sustainable development. In 2020, Thailand ranked first in ASEAN for Global Sustainable Index; Significant achievements has been made across all 17 SDGs.

As a knowledge and innovation hub, higher education of Thailand contributed around 40% of scholarly output in one of SDGs area. In general, research that related to SDGs receive higher citation and viewership. Strong SDG-related research of Thailand including research in SDG5, SDG3, SDG13, and SDG9, which had FWCI of higher than 1 and healthy FWVI more than 2.2.



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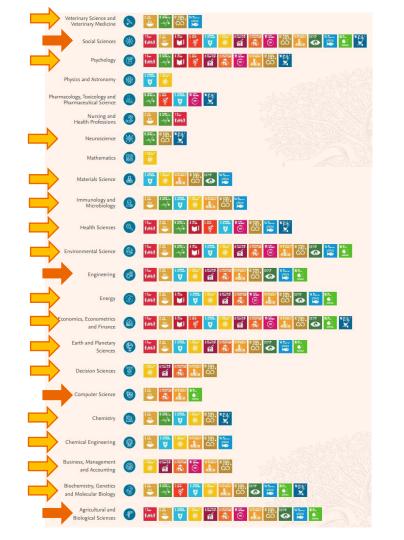












What if....?



































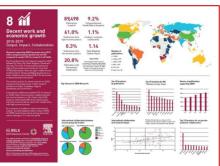






Free SDG Resource Centre









Elsevier, World Development, Volume 113, 2019, Pages 368-380, IS

Authors:

Shirin M. Rai, Benjamin D. Brown, Kanchana N. Ruwanpura

SDG 8 calls for promoting 'sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. Even as it highlights the importance of labour rights for all, it also makes visible some significant tensions. We note, for example, that despite many critiques of narrow economic measures of growth, the focus here remains on GDP and per capita growth. This is problematic, we argue, because the GDP productive boundary excludes much of social reproductive work. This puts SDGB in tension with SDG 5 which calls for the recognition of the value of unpaid care and domestic work. There has been a significant increase in the rate of working women in the formal and informal sector. However, there has not been a subsequent gender shift in the doing of social reproductive work. In this paper we argue SDG 8's focus on decent work and economic growth is inadequate: that productive employment and decent work for all men and women by 2030 needs to take into account the value and costs of social reproduction. We trace key historical debates on work to argue that both gender and labour rights have to underpin SDG 8 if its promise of inclusives, sustainable and decent work is to be realized.

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ScienceDirect	เป็นฐานข้อมูลเอกสารฉบับเต็ม (Full-text) ของวารสารครอบคลุม 4 สาขาวิชา ได้แก่ 1) Agricultural and Biological Sciences 2) Computer Science 3) Engineer 4) Social Sciences สามารถดูข้อมูลย้อนหลังตั้งแต่ปี ค. ศ.2010 – ปัจจุบัน	75	12	1 u.a 31 s.a. 65	<u>Ka</u>



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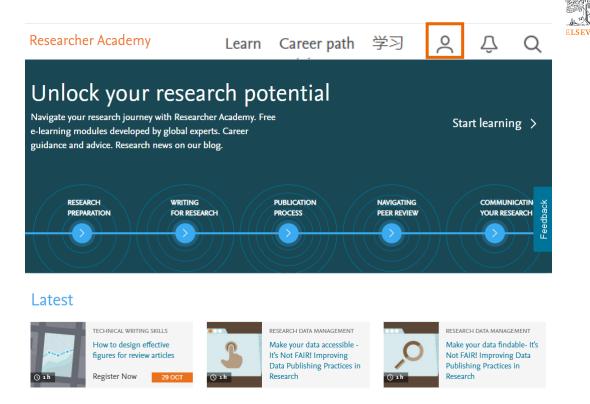
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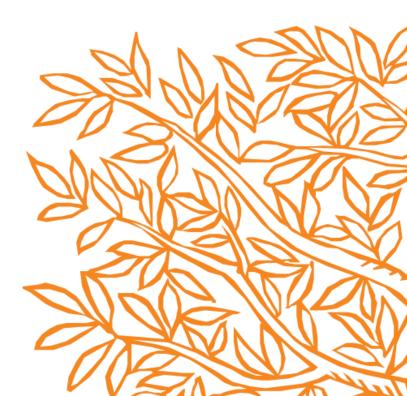
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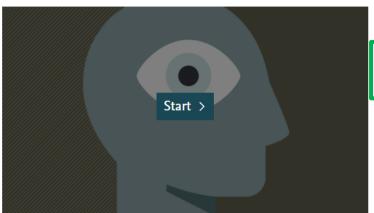


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Description

Agenda

- Research Workflow
- Database Literacy: ScienceDirect
- Elsevier's Author Companion: Journal Finder
- Elsevier's e-Learning Source: Research Academy
- Q&A

Presenters

· Kelwalin Dhanasarnsombut | Customer Consultant



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Thailand



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