

01_PolyU Scholars Hub Portal Homepage (<https://research.polyu.edu.hk/>)

The screenshot shows the PolyU Scholars Hub Portal homepage. At the top, there are logos for The Hong Kong Polytechnic University and the Institutional Planning and Analytics Office. A search bar is prominently displayed in the center, with a 'Welcome to PolyU OPUS' message above it. Below the search bar is a navigation menu with icons for Researchers (1040), Units (47), Research output (103763), Prizes (3458), Activities (7121), and More (1257). A large banner for 'TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS 2023' features a '79TH' ranking and 'Up 12 places'. Below the banner is a section for 'Description & news' with a video player and several news snippets. At the bottom, there is a section for 'UN SDGs' featuring a grid of 17 Sustainable Development Goals icons.

1. Search bar

2. Content

3. Description & news

4. UN SDGs

1. **Search bar**: search for anything, e.g. professor name, publication title and so on
2. **Content**: click on a content type to explore its content currently in the database
3. **Description & news**: textual description about PolyU Scholars Hub and current news about PolyU
4. **UN SDGs**: click on a goal to explore how our researchers and their work are contributing towards achieving UN SDGs



5. Collaborations & top research areas

Faculty (9) Department (2)

9 results Name (ascending) >

<p>Faculty of Business The Hong Kong Polytechnic University Organisational unit: Faculty</p>	<p>Faculty of Construction and Environment The Hong Kong Polytechnic University Organisational unit: Faculty</p>	<p>Faculty of Engineering The Hong Kong Polytechnic University Organisational unit: Faculty</p>
<p>Faculty of Health and Social Sciences The Hong Kong Polytechnic University Organisational unit: Faculty</p>	<p>Faculty of Humanities The Hong Kong Polytechnic University Organisational unit: Faculty</p>	<p>Faculty of Science The Hong Kong Polytechnic University Organisational unit: Faculty</p>
<p>School of Design The Hong Kong Polytechnic University Organisational unit: Faculty</p>	<p>School of Fashion and Textiles The Hong Kong Polytechnic University Organisational unit: Faculty</p>	<p>School of Hotel and Tourism Management The Hong Kong Polytechnic University Organisational unit: Faculty</p>

6. PolyU's Faculty / Department

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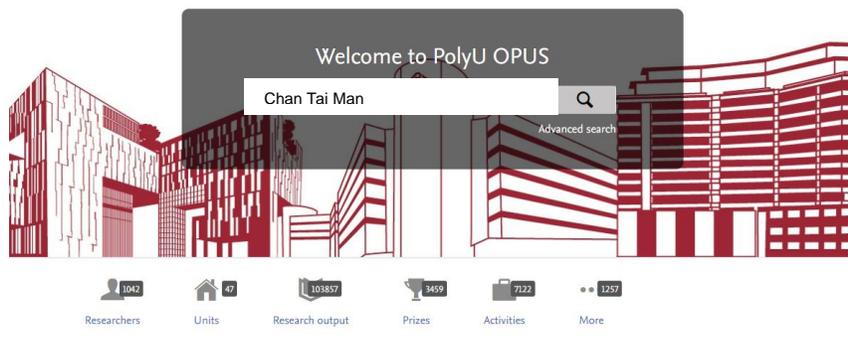
5. **Collaborations & top research areas**: a map showcasing PolyU collaboration with the world and top research areas in PolyU; click on a node on the map to explore how our researchers and their work collaborate with the world

6. **PolyU's Faculty / Department**: list of PolyU's Faculty / Department

Basic search in PolyU Scholars Hub Portal

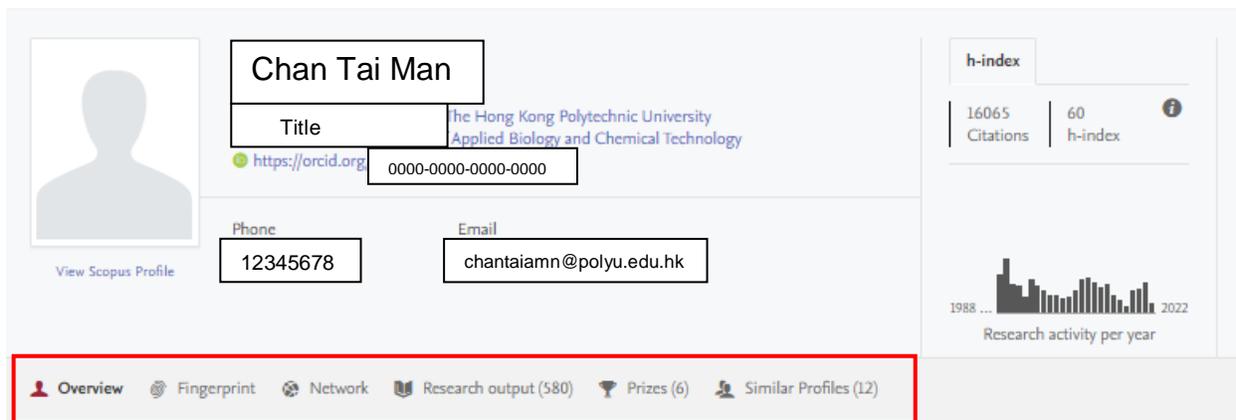
Example: explore a researcher and his/her contributions

1. Type the researcher's name on the search bar and click 



2. The search result brings up the research profile as well as a list of different content types such as research output, prizes and activities; click “Researchers” > “Research name” to explore his/her researcher profile

- At the researcher profile, scroll down or click a content type at the content type bar to explore the researcher-related contribution



Personal profile

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):



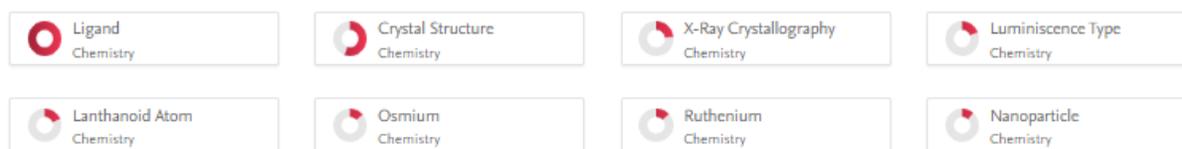
Education/Academic qualification

Bachelor of Science, The University of Hong Kong
 Master of Philosophy, The University of Hong Kong
 Doctor of Philosophy, University of Cambridge
 Doctor of Science, University of Cambridge

Fingerprint

12
Similar Profiles

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



[View full fingerprint >](#)

4. Click a research output to explore it details

Home Researchers Units **Research output** Prizes Activities ...

Search...

Dietary phytochemicals that influence gut microbiota: Roles and actions as anti-Alzheimer agents

Author(s)

The Hong Kong Polytechnic University, Department of Applied Biology and Chemical Technology

Research output: Journal article publication > Review article > Academic research > peer-review

2
Citations
(Scopus)




Overview Fingerprint

Abstract

The last decade has witnessed a growing research interest in the role of dietary phytochemicals in influencing the gut microbiota. On the other hand, recent evidence reveals that dietary phytochemicals exhibit properties of preventing and tackling symptoms of Alzheimer's disease, which is a neurodegenerative disease that has also been linked with the status of the gut microbiota over the last decade. Till now, little serious discussions, however, have been made to link recent understanding of Alzheimer's disease, dietary phytochemicals and the gut microbiota together and to review the roles played by phytochemicals in gut dysbiosis induced pathologies of Alzheimer's disease. Deciphering these connections can provide insights into the development and future use of dietary phytochemicals as anti-Alzheimer drug candidates. This review aims at presenting latest evidence in the modulating role of phytochemicals in the gut microbiota and its relevance to Alzheimer's disease and summarizing the mechanisms behind the modulative activities. Limitations of current research in this field and potential directions will also be discussed for future research on dietary phytochemicals as anti-Alzheimer agents.

Original language
Pages (from-to)
Number of pages
Journal
Volume
Issue number
Publication status

Keywords

Alzheimer's disease Gut microbiota phytochemicals prebiotics

More information

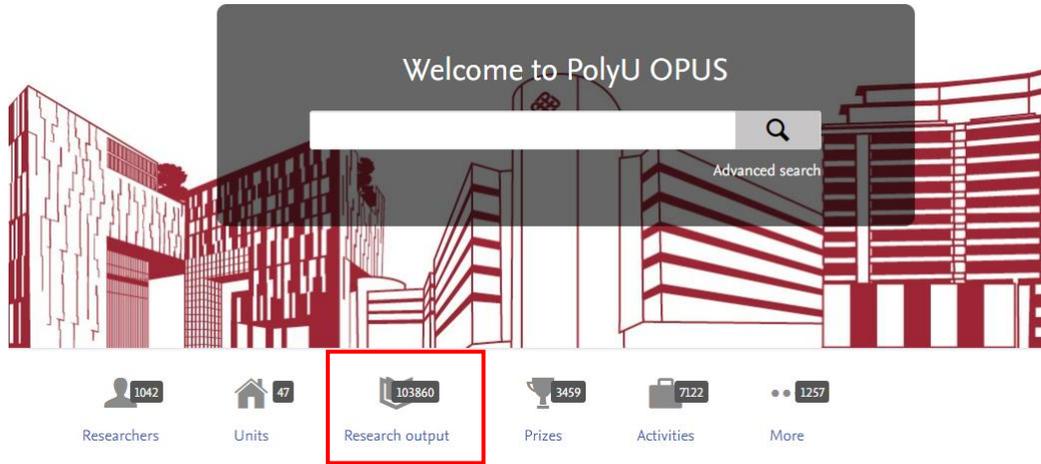
[10.1080/10408398.2021.1882381](https://doi.org/10.1080/10408398.2021.1882381)

Other files and links

[Link to publication in Scopus](#)

Example: explore and filter content type

1. Click a content type to explore it, for example, click “Research output”



2. All research outputs are listed and click the title to explore its details
 - 2.1. **Search bar**: type keywords to search within the content type
 - 2.2. **Filter**: filter current results such as by type, year and so on
 - 2.3. **Sort**: sort the current results in ascending or descending order

Home Researchers Units **Research output** Prizes Activities Press / Media Student theses

Find Research outputs

Advanced search

1 - 50 out of 103,861 results | Publication Year, Title (descending) | Export search results

2023

An adaptive multi-taper spectral estimation for stationary processes

Author List

Research output: Journal article · publication · Journal article · Academic research · peer-review

Power Spectral Density Spectral Estimation Estimation Theory Random Processes Control Method

Associations between psychological inflexibility and mental health problems during the COVID-19 pandemic: A three-level meta-analytic review

Author List

Research output: Journal article · publication · Journal article · Academic research · peer-review

Bi-objective optimal design of an electromagnetic shunt damper for energy harvesting and vibration control

Author List

Research output: Journal article · publication · Journal article · Academic research · peer-review

Open Access

Filters for Research output

Sustainable Development Goals

- SDG 3 - Good Health and Well-being (7061)
- SDG 7 - Affordable and Clean Energy (4654)
- SDG 11 - Sustainable Cities and Communities (1360)
- SDG 12 - Responsible Consumption and Production (797)
- SDG 13 - Climate Action (633)

Show all >

Type

- Journal article (63719)
- Conference article published in proceeding or book (13991)
- Conference presentation (not published in journal/proceeding/book) (13743)
- Chapter in an edited book (as author) (3498)
- Review article (2637)

Show all >