



Waipapa
Taumata Rau
**University
of Auckland**

Research Profiles

Increase discoverability, collaboration and
funding opportunities

Dahlia Han and Tracey Thomas

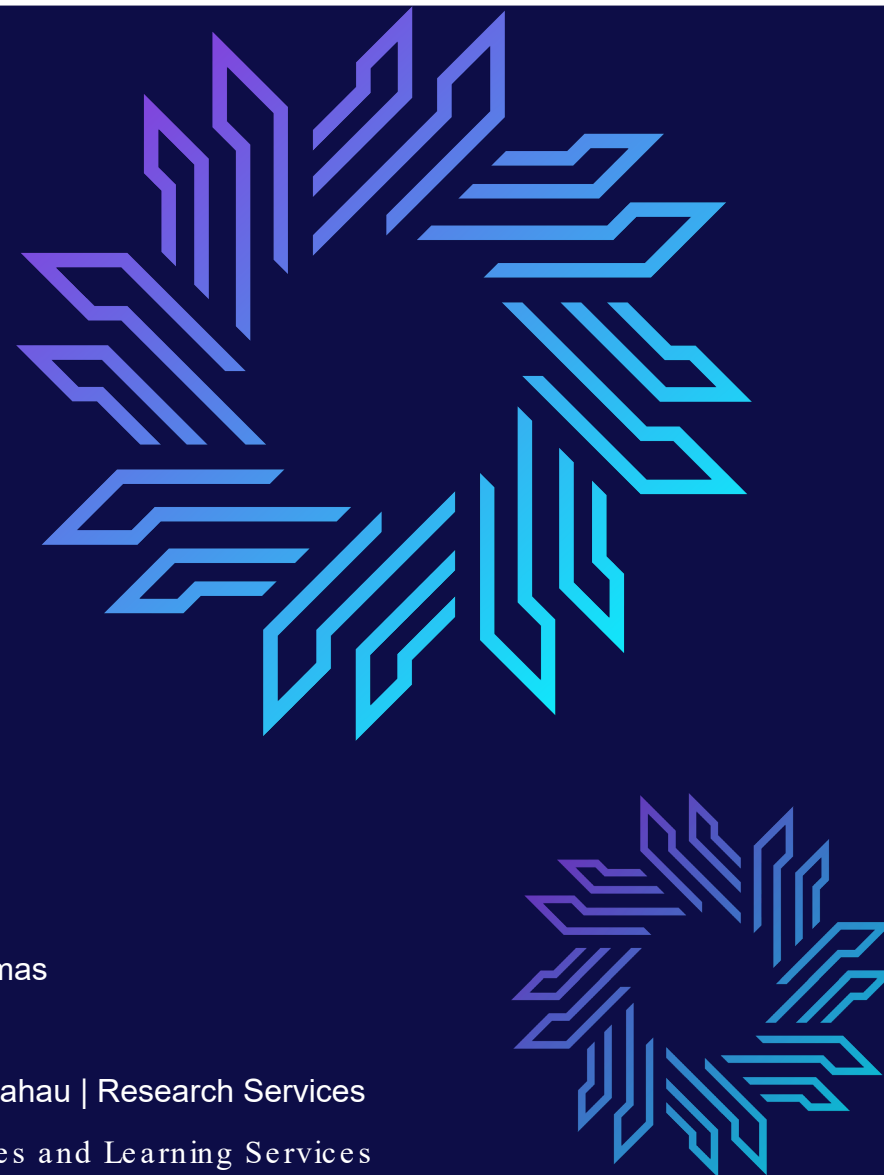
Research Services Advisers

Ngā Ratonga Manaaki Rangahau | Research Services

Te Tumu Herenga | Libraries and Learning Services

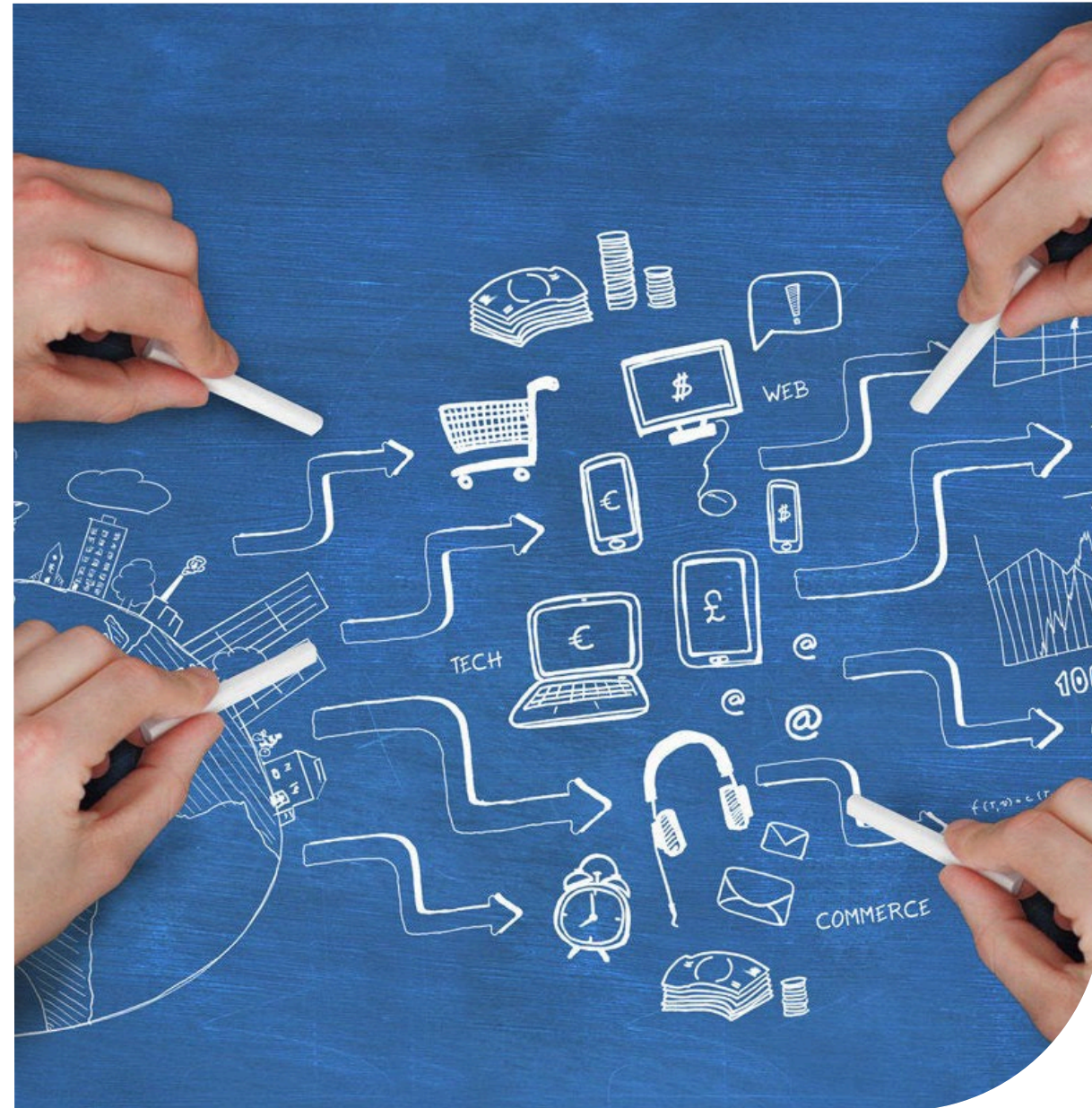


June 30, 2025



Overview

- Understand the importance of your research profile in academia for collaboration and funding
- Choose profiles platforms to promote your research
- Manage your research profiles





● Why?

"Researchers operate in a system tied to metrics: publications, grants, collaborations and IP. Putting ourselves forward for promotion and having the metrics to do so both require self-promotion. Papers need to be cited. You don't have collaborators if no one knows you exist."

- Emma Williams, [Times Higher Education](#)





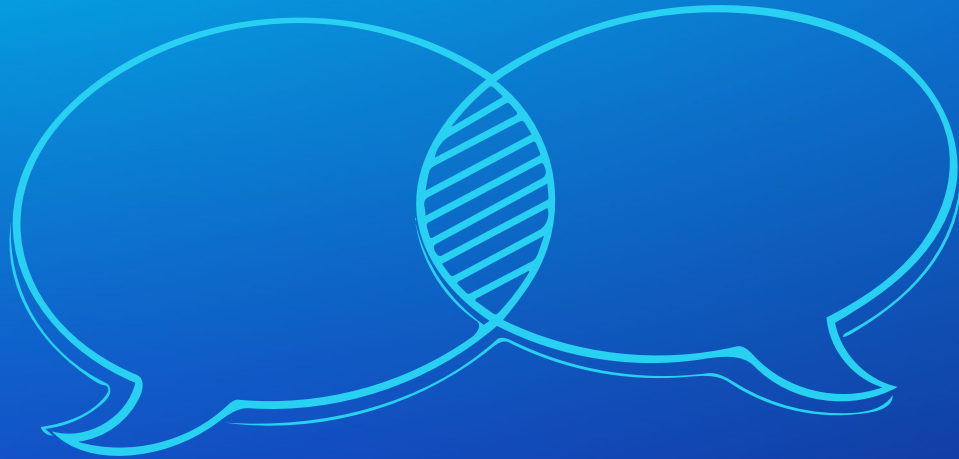
● Funding

- Demonstrate your research experience to help funding bodies evaluate your expertise
- Funding bodies may assess your application to determine if you or your project team have the capacity to deliver results



● Career

- Ensure that your digital presence is polished, professional, and regularly updated.
- Maintain a comprehensive record of your achievements is highly beneficial.



● Collaboration

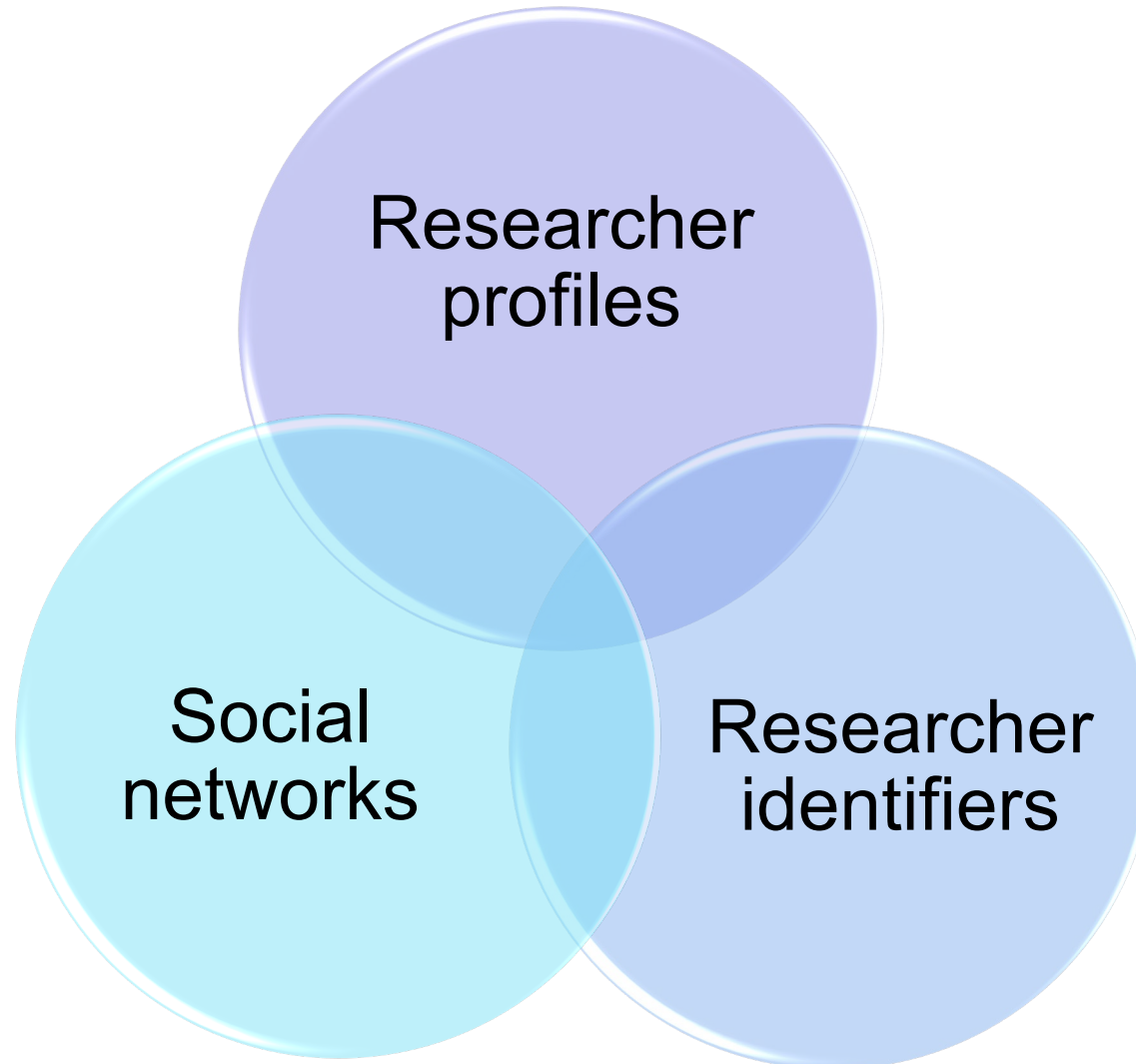
- Research is often collaborative.
- Consider how collaborators can discover your work.
- Your research profile can attract—or deter—potential collaborators.



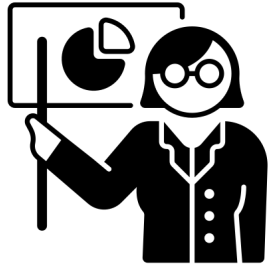
● Impact

- Consider the impact your research profiles make
- Ensure your research profiles attracts your intended audiences e.g. policymakers, government, industry and society
- Think about how they will find your research
- Include all the information they need to know about your research expertise

Researcher profiles, identifiers and social networks



Types of profiles



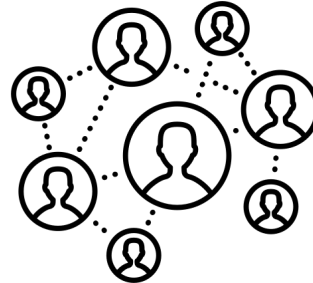
Academic

Purpose

Track publications and associated metrics (e.g. citations and co-authors)

Examples

ORCID, Google Scholar, Scopus



Hybrid

Purpose

Networking, promotion, and some can also track publications and metrics

Examples

LinkedIn, ResearchGate, SSRN



Social

Purpose

Sharing, outreach, engagement, networking, self-promotion

Examples

X, Bluesky, Threads, Instagram, TikTok

Platform Types

ORCID

Google
Scholar

Scopus®

Web of Science™



LinkedIn

R^G ResearchGate

SSRN



Bluesky

Instagram

Threads

TikTok

YouTube

Academic
(Publications &
metrics)

Hybrid
(Academic & social
network)

Social
(outreach)



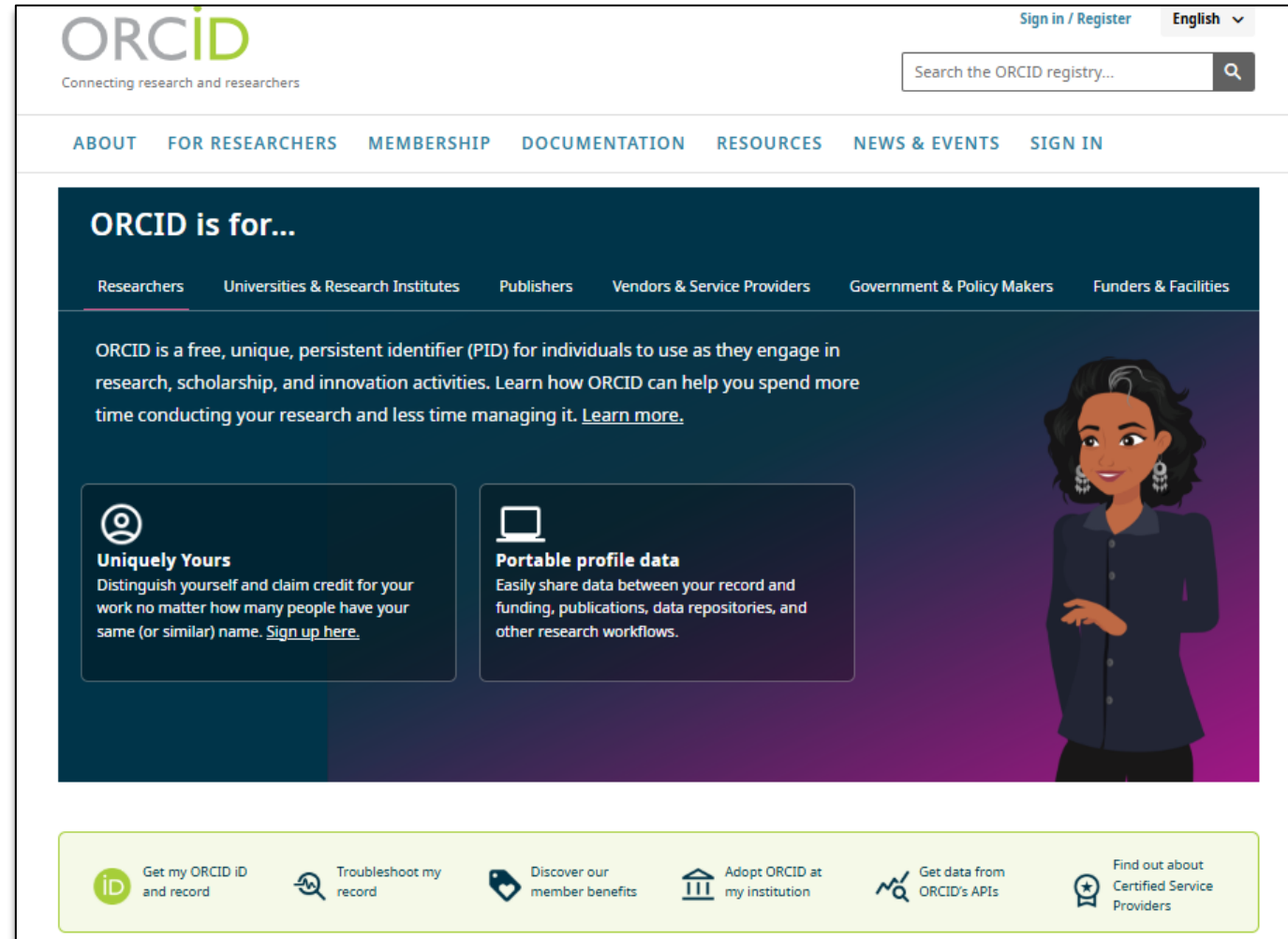
What profile platforms do you already use?

Share in the chat your recommendations for researchers in your academic discipline



What is ORCID?

- **ORCID** – Open Researcher and Contributor ID.
- **ORCID iD** – A free, unique 16-digit persistent identifier for researchers.
- **ORCID record** – A profile that stores and links all your research to your ORCID iD.



Why ORCID?



ORCID can help eliminate name ambiguity

Publishers, databases and organisations use ORCID to link publications

Funders require your ORCID

You can connect your ORCID to trusted organisations

ORCID increases discoverability and raises research visibility

Your ORCID record will continue to exist when you leave an organisation

ORCID Profile

- Create an ORCID and make it visible for everyone
- Connect your ORCID to [NZ ORCID Hub](#)
- Enhance your ORCID to optimize your research expertise and experience for funders and collaborators

ORCID

Connecting research and researchers

Sign in / Register

English

Search the ORCID registry...

Lihua Tang

iD

https://orcid.org/0000-0001-9031-4190

Show record summary

Personal information

Emails & domains

Verified email addresses

Verified email domains

Websites & social links

Other IDs

Keywords

Dr. Tang is currently an Associate Professor with the Department of Mechanical and Mechatronics Engineering at the University of Auckland. He was a postdoctoral research associate/fellow at NTU from February 2012 to January 2014. His main research interests include energy harvesting, passive and active vibration control, smart materials and structures, acoustic and mechanical metamaterial, nonlinear dynamics, and acoustic energy transfer. He has successfully supervised 9 PhDs and co-supervised 2 PhDs to completion. He has also supervised 15 Masters students, 63 Honors students, 4 Summer Research Scholarship students, 10 visiting PhDs, 7 visiting Honors students and 6 visiting scholars to completion. He currently serves as Associate Editor of SAGE Journal of Intelligent Material Systems and Structures and peer reviewer for 70+ international journals. He served as the general chair for the 5th International Conference on Vibration and Energy Harvesting Application (VEH 2024) and also on the committees for a number of international conferences. He assessed highly competitive research proposals submitted to funding agencies worldwide (Singapore, Europe, Netherland, Switzerland, Canada, Kazakhstan, Chile, etc). He also assessed PhD theses for a number of institutions.

Activities

Employment (3)

The University of Auckland: Auckland, NZ

2023-02-01 to present | Associate Professor (Mechanical and Mechatronics Engineering) Employment

Source: Lihua Tang

The University of Auckland: Auckland, NZ

2014-01-28 to present | Associate Professor (Mechanical Engineering) Employment

Source: The University of Auckland

Nanyang Technological University: Singapore, SG

2012-02-09 to 2014-01-26 | Research Associate/Fellow (Structures and Mechanics) Employment

Source: Lihua Tang

Connecting with NZ ORCID Hub

NZ ORCID Hub: <https://orcidhub.org.nz/>

1



Welcome to the NZ ORCID Hub

The NZ ORCID Hub connects research staff and students with the organisations where they study, are employed, or that they receive funding from.

Staff and students can use the Hub to give permission to their institution(s) to access their ORCID records and, in return, NZ ORCID Consortium members can use the Hub to assert these relationships in their staff, students', and recipients' ORCID records.

To use the Hub, you need to log in with an known identity: if you come from any NZ University or Crown Research Institute (with the exception of GNS), please select "Login via Tuakiri"; if you've linked your ORCID iD using the Hub, you can "Login via ORCID"; otherwise, you'll need an email invitation from your organisation before the Hub can discover which organisation your ORCID iD is associated with.

For more information about what ORCID is for both researchers/contributors and member organisations go to the [What is ORCID?](#) pages of the Royal Society Te Apārangi's website.

For information on the Hub's background and development see the [About](#) page. If you would like more detail and links to resources, visit the [Hub pages](#) of the Royal Society Te Apārangi's website.

To find out if your organisation is a member of the NZ ORCID Consortium, see the current membership list here: [NZ ORCID Consortium Members](#)

Organisations using the Hub:

Tuakiri Members

- AgResearch Ltd
- Auckland University of Technology
- Institute of Environmental Sciences and Research
- Lincoln University
- Malaghan Institute of Medical Research
- Manaaki Whenua - Landcare Research
- Massey University
- NIWA - The National Institute of Water and Atmospheric Research Ltd.
- Scion
- The New Zealand Institute for Plant & Food Research Limited
- The University of Auckland
- University of Canterbury
- University of Otago
- Victoria University of Wellington

Non-Tuakiri Members

- Ara Institute of Canterbury
- Auckland District Health Board
- Auckland War Memorial Museum
- BRANZ
- Eastern Institute of Technology
- Institute of Geological & Nuclear Sciences Ltd
- Lincoln Agritech Ltd
- Medical Research Institute of New Zealand
- Ministry of Business, Innovation and Employment
- Motu Economic & Public Policy Research Trust
- Otago Polytechnic
- Royal Society Te Apārangi
- Unitec Institute of Technology
- WelTec (Wellington Institute of Technology)
- Whitireia Community Polytechnic

2 Log in





Log in using your:

Institutional credentials

REALM
TUAKIRI

I'm currently employed by, or studying, with a **Tuakiri-member organisation**

Login via Tuakiri

ORCID record

ORCID

I'm the Tech Contact or Administrator for a Non-Tuakiri member organisation

Login via ORCID

This log in takes you to the Tuakiri Directory Service where you can select your Home Organisation. Once registered to the Hub, you'll be able to give your organisation permission to write your affiliation to your ORCID record

This log in takes you to ORCID to let the Hub retrieve your ORCID iD. Once you've linked your ORCID iD to an organisation using the Hub, you can use this ORCID record to log in.

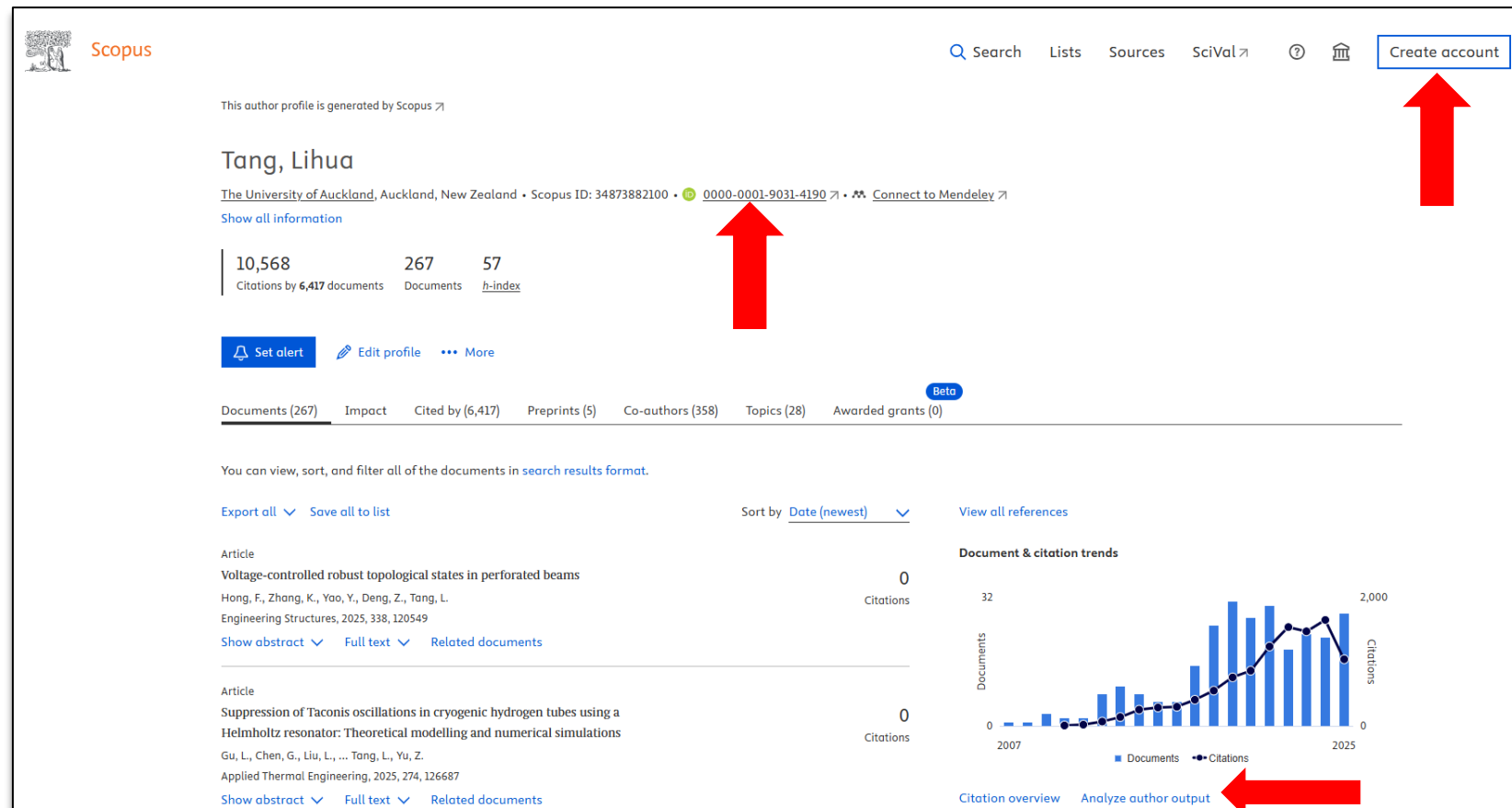
You can only log in with your ORCID record if you've already linked your iD via the Hub

3 Login via Tuakiri



Scopus author ID profile

- List of publications indexed by Scopus
- Citation metrics: total citations and h-index
- Collaborations
- Connect your Scopus profile with your ORCID



Web of Science ResearcherID profile

- List of publications indexed by Web of Science
- Citation metrics: total citations and h-index
- Connect your Web of Science ResearcherID with your ORCID

Researcher Search > Author Records > Author Profile

Lihua Tang ✓
(Tang, Lihua) | The University of Auckland

Identifiers
Web of Science ResearcherID: AAN-3406-2021
<https://orcid.org/0000-0001-9031-4190>

Published names ⓘ
Tang, Lihua Tang, L. H. Tang Lihua Tang, L. Tang, Li-hua

Organizations ⓘ
University of Auckland
Civil Aviat Inst China
Nanyang Technological University

Subject Categories
Engineering; Materials Science; Physics; Mechanics; Instruments & Instrumentation

Metrics < Open dashboard

Profile summary

259	Total documents
249	Publications indexed in Web of Science
248	Web of Science Core Collection publications
0	Preprints
0	Dissertations or Theses
10	Non-indexed publications
33	Verified peer reviews
3	Verified editor records
0	Awarded grants

Web of Science Core Collection metrics ⓘ

54	248
H-Index	Publications
9,104	5,538
Sum of Times Cited	Citing Articles
8,305	5,332
Sum of Times Cited without self-citations	Citing Articles without self-citations
19	18
Sum of Times Cited by Patents	Citing Patents
0	0
Sum of Times Cited by Policy	Citing Policy Documents

Documents Peer Review

All Indexed Documents (249) ✓ Web of Science Core Collection (248) Other Collections (1)

Non-Indexed Documents (10)

Filters: Select Filters ⓘ Author Position: All Publications ⓘ Sort by: Date: newest first ⓘ < 1 of 5 >

248 results

1 Article

Experimental Investigations on the Interplay between a thermoacoustic oscillator and an external acoustic driver with different waveforms


Tao, SC; Liu, L; (...); Chen, G

43 References

View citation report

Google Scholar profile

- Link to your ORCID or Institutional profile
- Include research keywords
- List of publications including preprints
- Citation metrics
citation data may not be reliable



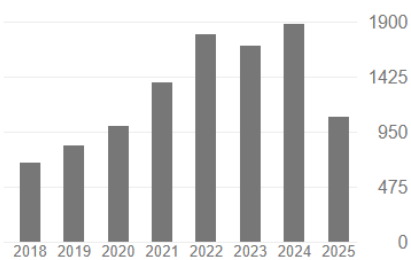
Lihua TANG
Associate Professor, The [University of Auckland](#)
Verified email at [auckland.ac.nz](#) - [Homepage](#)
[Energy Harvesting](#) [Smart Materials and Struct...](#) [Nonlinear Dynamics](#) [Metamaterials](#)

[FOLLOW](#)

TITLE	CITED BY	YEAR
Toward broadband vibration-based energy harvesting L Tang, Y Yang, CK Soh Journal of intelligent material systems and structures 21, 1867-1897	833	2010
Comparative study of tip cross-sections for efficient galloping energy harvesting Y Yang, L Zhao, L Tang Applied Physics Letters 102, 064105	384	2013
A nonlinear piezoelectric energy harvester with magnetic oscillator L Tang, Y Yang Applied Physics Letters 101, 094102	381	2012
Equivalent circuit modeling of piezoelectric energy harvesters Y Yang, L Tang Journal of Intelligent Material Systems and Structures 20 (18), 2223-2235	365	2009
A novel two-degrees-of-freedom piezoelectric energy harvester H Wu, L Tang, Y Yang, CK Soh Journal of Intelligent Material Systems and Structures 24 (3), 357-368	324	2013
Origami-inspired electret-based triboelectric generator for biomechanical and ocean wave energy harvesting K Tao, H Yi, Y Yang, H Chang, J Wu, L Tang, Z Yang, N Wang, L Hu, Y Fu, ... Nano Energy 67, 104197	303	2020
Improving functionality of vibration energy harvesters using magnets L Tang, Y Yang, CK Soh	286	2012

Cited by [VIEW ALL](#)

	All	Since 2020
Citations	12304	8836
h-index	62	55
i10-index	152	143



Year	Citations
2018	~400
2019	~500
2020	~700
2021	~1000
2022	~1400
2023	~1300
2024	~1500
2025	~1100

Public access [VIEW ALL](#)

52 articles


41 articles

not available

available

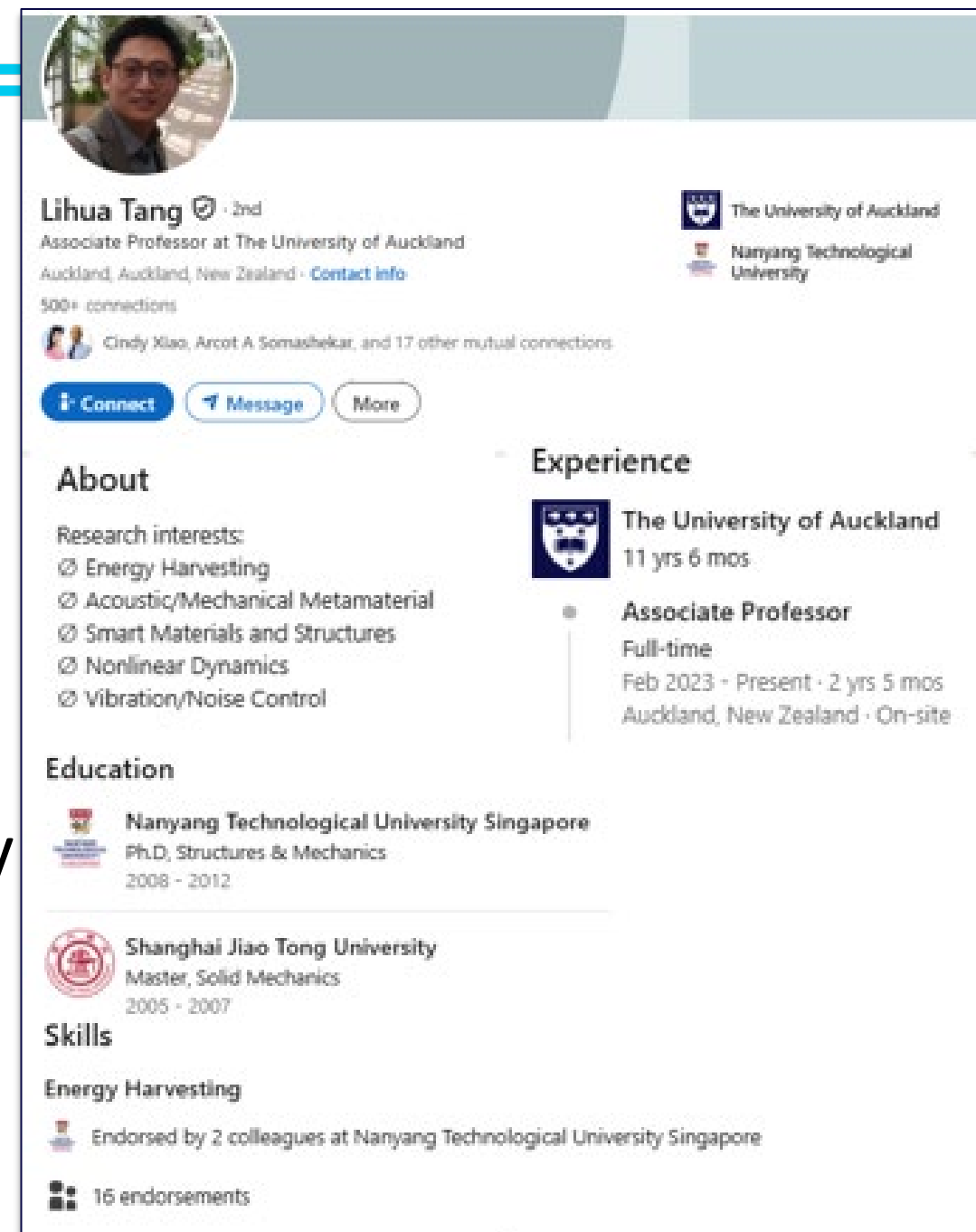
Based on funding mandates

Co-authors [VIEW ALL](#)


 Guobiao Hu
HKUST(GZ), NTU, UoA, ECP

LinkedIn profile

- Link to your other profiles
- Include research interests, experience, education and skills
- Add your publications
- Add your academic social media activity posts



The screenshot shows a LinkedIn profile for Lihua Tang. At the top is a circular profile picture of a man with glasses. Below it, the name 'Lihua Tang' is followed by a verified badge and '2nd' degree. His title is 'Associate Professor at The University of Auckland', with location 'Auckland, Auckland, New Zealand' and a 'Contact info' link. It shows '500+ connections' and a list of mutual connections including Cindy Xiao, Arcot A. Somashekar, and 17 others. Action buttons for 'Connect', 'Message', and 'More' are present. The 'About' section lists research interests: Energy Harvesting, Acoustic/Mechanical Metamaterial, Smart Materials and Structures, Nonlinear Dynamics, and Vibration/Noise Control. The 'Experience' section shows his role as an Associate Professor at The University of Auckland from February 2023 to the present. The 'Education' section lists a Ph.D. from Nanyang Technological University Singapore (2008-2012) and a Master's from Shanghai Jiao Tong University (2005-2007). The 'Skills' section shows 'Energy Harvesting' endorsed by 2 colleagues at Nanyang Technological University Singapore, with a total of 16 endorsements.

Lihua Tang  · 2nd
Associate Professor at The University of Auckland
Auckland, Auckland, New Zealand · [Contact info](#)
500+ connections
Cindy Xiao, Arcot A. Somashekar, and 17 other mutual connections


[Connect](#) [Message](#) [More](#)

About

Research interests:


- Energy Harvesting
- Acoustic/Mechanical Metamaterial
- Smart Materials and Structures
- Nonlinear Dynamics
- Vibration/Noise Control


Experience

 **The University of Auckland**
11 yrs 6 mos

- Associate Professor**
Full-time
Feb 2023 - Present · 2 yrs 5 mos
Auckland, New Zealand · On-site


Education


 **Nanyang Technological University Singapore**
Ph.D. Structures & Mechanics
2008 - 2012

 **Shanghai Jiao Tong University**
Master, Solid Mechanics
2005 - 2007

Skills

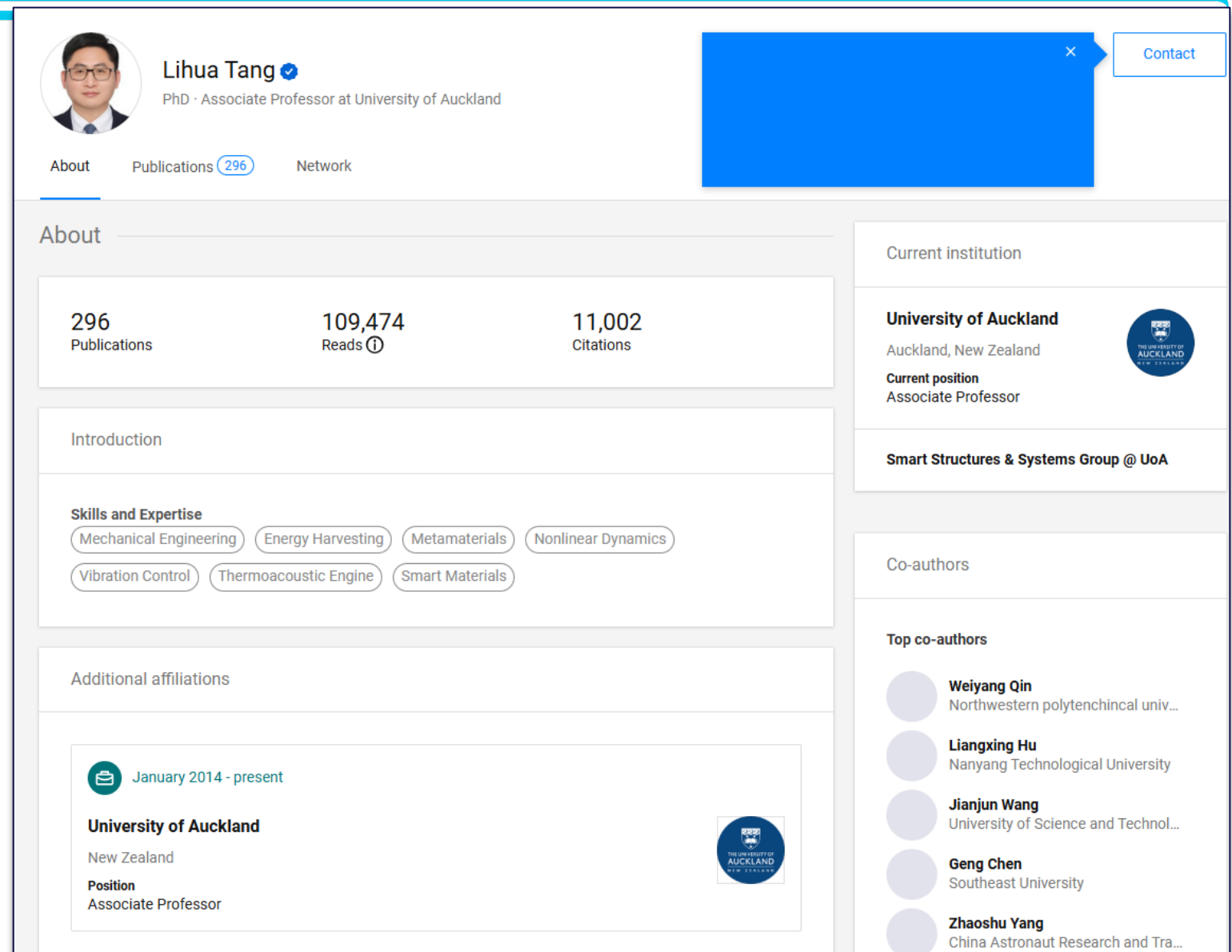
Energy Harvesting

 Endorsed by 2 colleagues at Nanyang Technological University Singapore

 16 endorsements

ResearchGate profile

- Add your ORCID
- Include skills and expertise keywords
- Add your publications



The screenshot displays the ResearchGate profile of Lihua Tang, a PhD Associate Professor at the University of Auckland. The profile includes a header with a profile picture, name, and affiliation, along with a 'Contact' button. Below the header are tabs for 'About', 'Publications' (296), and 'Network'. The 'About' section is expanded, showing statistics: 296 Publications, 109,474 Reads, and 11,002 Citations. It also features an 'Introduction' section, 'Skills and Expertise' (Mechanical Engineering, Energy Harvesting, Metamaterials, Nonlinear Dynamics, Vibration Control, Thermoacoustic Engine, Smart Materials), and 'Additional affiliations' (University of Auckland, New Zealand, Associate Professor, January 2014 - present). The right sidebar shows the 'Current institution' (University of Auckland, Auckland, New Zealand, Associate Professor, Smart Structures & Systems Group @ UoA) and a list of 'Co-authors' (Weiyang Qin, Liangxing Hu, Jianjun Wang, Geng Chen, Zhaoshu Yang).

Lihua Tang ✓
PhD · Associate Professor at University of Auckland

About Publications **296** Network

About

296 Publications 109,474 Reads 11,002 Citations

Introduction

Skills and Expertise

Mechanical Engineering Energy Harvesting Metamaterials Nonlinear Dynamics Vibration Control Thermoacoustic Engine Smart Materials

Additional affiliations

January 2014 - present

University of Auckland
New Zealand
Position
Associate Professor

Current institution

University of Auckland
Auckland, New Zealand
Current position
Associate Professor

Smart Structures & Systems Group @ UoA


Co-authors

Top co-authors

- Weiyang Qin**
Northwestern polytechnic university
- Liangxing Hu**
Nanyang Technological University
- Jianjun Wang**
University of Science and Technology of China
- Geng Chen**
Southeast University
- Zhaoshu Yang**
China Astronaut Research and Training Center

University or institutional profile


- Include a Bio
- Use bold headings and bullet points
- Add your ORCID and other research profiles
- Add your publications, research interests
- Include your research groups



UNIVERSITY OF
AUCKLAND
Waipapa Taumata Rau
NEW ZEALAND

← all experts

ABOUTRESEARCH OUTPUTSRESEARCHENGAGEMENTTEACHING & SUPERVISION



ASSOCIATE PROFESSOR
Lihua Tang

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Associate Professor
Mechanical & Mechatronics
Eng

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(Work)

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ENGINEERING BLOCK 5 -
Bldg 405, 5 GRAFTON RD,
AUCKLAND CENTRAL,
AUCKLAND, 1010, New
Zealand

Collaboration Network

Apply To Study

Google Scholar

ResearcherID

Scopus author ID

LinkedIn

ResearchGate

Smart Structures & Systems
Group (S3G)

BIO

Dr. Tang is currently an Associate Professor with the Department of Mechanical and Mechatronics Engineering at the University of Auckland. He was a postdoctoral research associate/fellow at NTU from February 2012 to January 2014. His main research interests include energy harvesting, passive and active vibration control, smart materials and structures, acoustic and mechanical metamaterial, structural dynamics and aerodynamics, acoustic energy transfer.

Dr. Tang has edited 1 book, authored and co-authored 3 book chapters and more than 290 technical papers in influential international journals and conferences. His work has attracted over 12,000 citations with an h-index 62 and i10-index 152 (Google Scholar).

Distinctions / Honours:

- * in the List of the World's Top 2% Scientists since 2020 (<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>)
- * 2024.09 ASME 2024 Best Paper Award in Energy Harvesting
- * 2024.09 ASME 2024 Ephraim Garcia Best Paper Award
- * 2023.09 ASME 2023 Best Paper Award in Energy Harvesting
- * 2019.08 ASME 2019 Best Paper Award in Structural Dynamics and Control
- * 2019.08 ASME 2019 Best Paper Award in Mechanics and Materials Systems
- * 2018.06 New Zealand Chinese Scientists Association Young Scientist Award
- * 2017.11 Marsden Fund (fast-start)

Responsibilities:

- * Doctoral Oral Examination Chair (2021 -)
- * Departmental Postgraduate Advisor (PhD) (2022 -)
- * Departmental Postgraduate Advisor (ME research) (2021 - 2023)
- * Teaching Group (Dynamics & Control) Convenor (2018 - 2022)
- * TA / GTA Coordinator in the department (2015 - 2019)
- * Staff / PhD / Visitor Seminar Coordinator in the department (2014 - 2015)
- * Course Director for MECHENG 722 - Engineering Vibrations (2017 - 2019, 2021 - 2023)
- * Course Director for MECHENG 719 - Advanced Engineering Vibrations (2017 - 2019, 2021 - 2023)
- * Course Director for MECHENG 325 - Dynamics of Fluids and Structures (2017)
- * Course Director for MECHENG 222 - Dynamics (2015 - 2019, 2021 -)

Committee/Professional groups/Services:

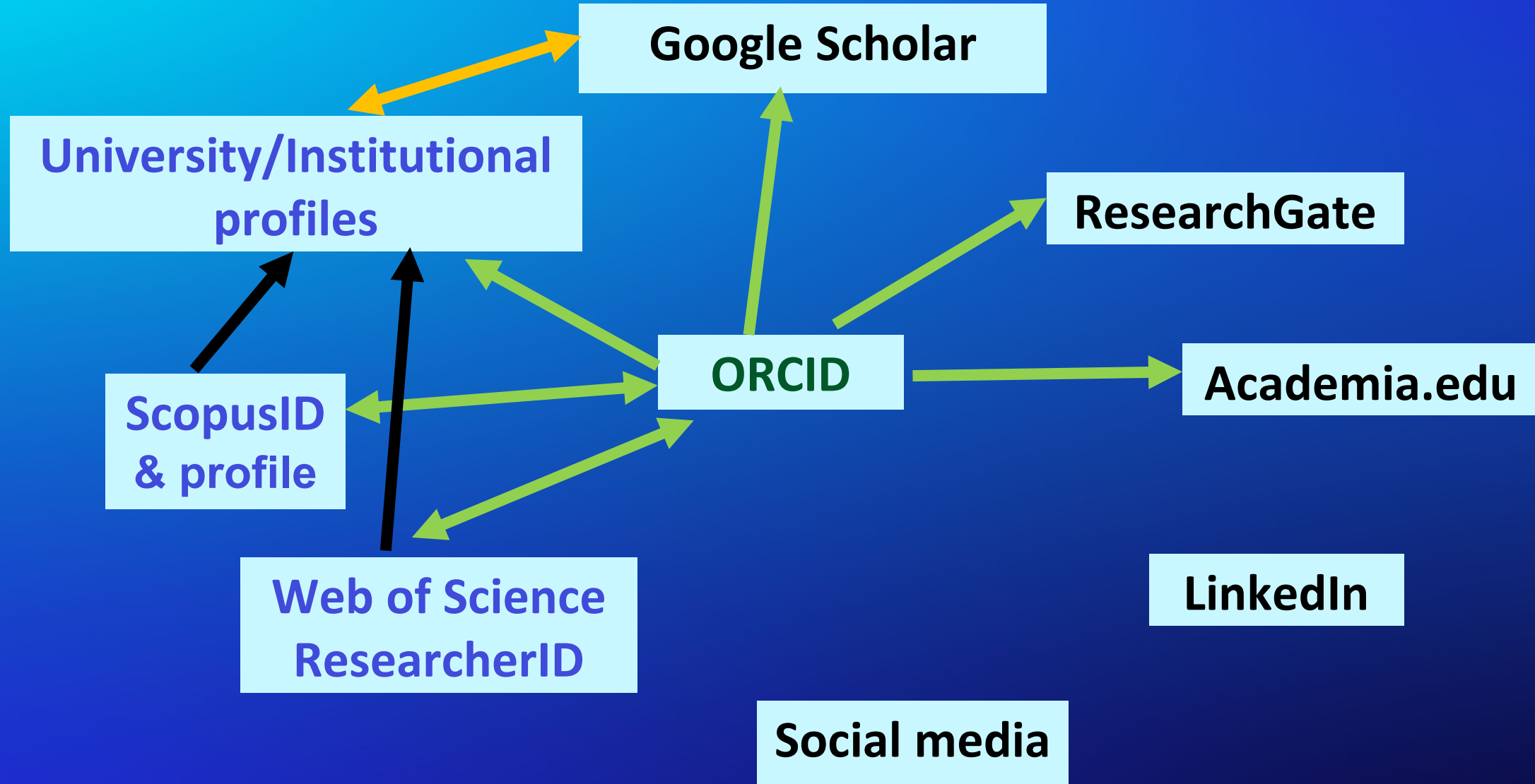
Editorial Board

- * Associate Editor, SAGE Journal of Intelligent Material Systems and Structures (2019 -)

Conference Committee

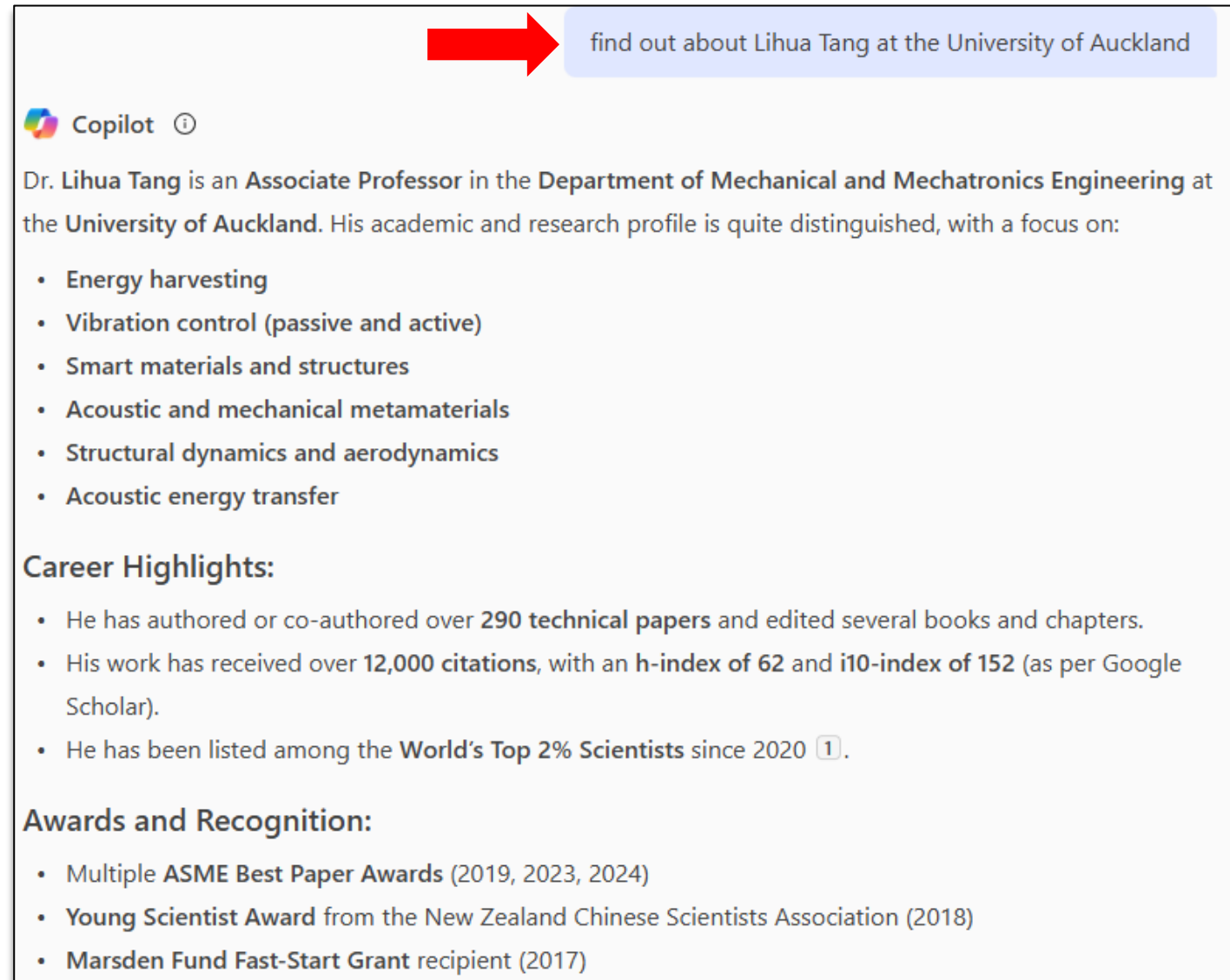
- * General Chair, The 5th International Conference on Vibration and Energy Harvesting Applications (VEH 2024)
- * Conference Committee, ASME Conference on Smart Materials, Adaptive Structures and Intelligent Systems (SMASIS) (2023, 2024), Symposium Co-Chair for "Energy Harvesting" Symposium
- * Conference Committee, The 19th IEEE International Conference on Automation Science and Engineering (CASE 2023)
- * Conference Committee, Active and Passive Smart Structures and Integrated Systems, SPIE Smart Structures/NDE (2017, 2018, 2019, 2020, 2021, 2022, 2022)
- * Conference Committee (Technical Program Committee), International Conference on Vibration and Energy Harvesting Application (VEH 2018, 2019, 2021, 2022+1, 2024)

Connect your profiles




Searching for researchers using GenAI tools - Copilot

- GenAI tools help find researcher profiles
- Copilot used Lihua Tang's university profile
- These tools summarise information from researcher profile bullet points
- Keep profiles updated for accuracy




A red arrow points from the top left towards the search bar. The search bar contains the text: "find out about Lihua Tang at the University of Auckland".

 Copilot ⓘ

Dr. Lihua Tang is an Associate Professor in the Department of Mechanical and Mechatronics Engineering at the University of Auckland. His academic and research profile is quite distinguished, with a focus on:

- Energy harvesting
- Vibration control (passive and active)
- Smart materials and structures
- Acoustic and mechanical metamaterials
- Structural dynamics and aerodynamics
- Acoustic energy transfer

Career Highlights:

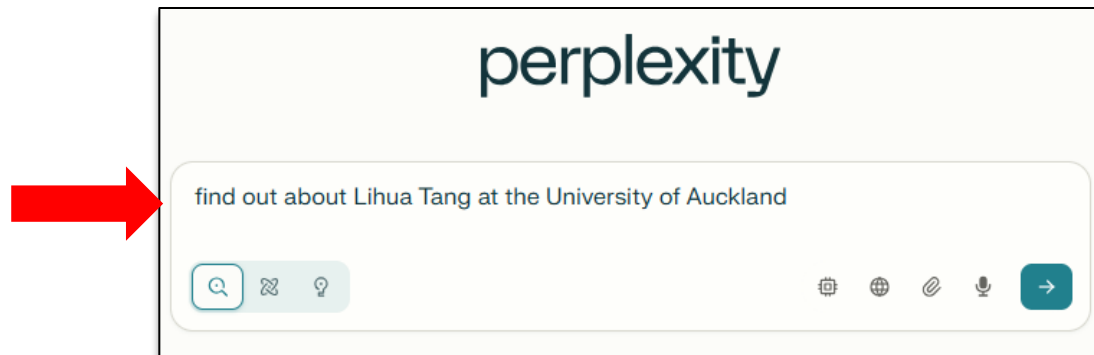
- He has authored or co-authored over **290 technical papers** and edited several books and chapters.
- His work has received over **12,000 citations**, with an **h-index of 62** and **i10-index of 152** (as per Google Scholar).
- He has been listed among the **World's Top 2% Scientists** since 2020 .

Awards and Recognition:

- Multiple **ASME Best Paper Awards** (2019, 2023, 2024)
- **Young Scientist Award** from the New Zealand Chinese Scientists Association (2018)
- **Marsden Fund Fast-Start Grant** recipient (2017)

Searching for researchers using GenAI tools - Perplexity

- Perplexity is a popular GenAI tool for research
- Perplexity used Lihua Tang's institutional profile, Google Scholar profile, LinkedIn profile and other profiles as sources



find out about Lihua Tang at the University of Auckland

Answer Sources Steps

profiles.auckland.ac
Lihua Tang Profile |
University of Auckland

scholar.google.com
Lihua TANG - Google
Scholar

Dr. Lihua Tang
Dr. Lihua Tang | Smart
Structures & Systems...

linkedin
Lihua Tang - The University
of Auckland - LinkedIn

Lihua Tang at the University of Auckland

Position and Department

- Dr. Lihua Tang is an Associate Professor in the Department of Mechanical and Mechatronics Engineering at the University of Auckland 1 3 4 .

Education

- PhD in Structures & Mechanics, Nanyang Technological University, Singapore (2011)
- MEng in Solid Mechanics, Shanghai Jiao Tong University, China (2007)
- BEng in Engineering Mechanics, Shanghai Jiao Tong University, China (2005) 3 4 5

Career Progression

- Associate Professor, University of Auckland (2023–present)
- Senior Lecturer (above bar), University of Auckland (2020–2023)
- Senior Lecturer, University of Auckland (2018–2020)
- Lecturer, University of Auckland (2014–2018)
- Research Fellow and Research Associate, Nanyang Technological University, Singapore (2012–2014) 3 4

Research Interests

- Energy harvesting
- Smart materials and structures
- Nonlinear dynamics
- Acoustic and mechanical metamaterials
- Vibration control
- Thermoacoustic engines 2 3 4 5

Academic Impact

- Dr. Tang has authored or co-authored more than 100 technical papers, including over 60 journal articles 5 .
- His work is highly cited, with more than 12,000 citations according to Google Scholar 2 .



● Publishing Tips



- Register for an ORCID iD
- Connect with NZ ORCID Hub
- Link it to all your research profiles
- Include your ORCID every time you submit your paper to a publisher



Name

- Use a consistent name format when publishing (e.g., J. Doe)
- Always include your full, correct affiliation (e.g., J. Doe, Liggins Institute, Waipapa Taumata Rau | University of Auckland, New Zealand)



- DOI = Digital Object Identifier
- Ensure all your publications have DOIs
- Use DOIs when promoting your work to track impact (e.g., Altmetric)

● Make a plan



- Define your goals
- Pick your platforms
- Make a schedule



● Considerations when setting up profiles



- How much information do you want to disclose?
- Whether you have the rights to share published materials?
- How many notifications you wish to receive?
- How reliable are the citation metrics?



Today

- Sign up for ORCID
- Link ORCID to your existing research profiles
- Connect your ORCID via NZ ORCID Hub
- Set Your Goals:
 - Short-term
 - Long-term



Actions



This week

- Explore different platforms
- Explore your colleagues' research profiles
- Update your other research profiles
- Participate in online community discussions



This month

- Choose the platforms you will actively use
- Set a schedule for updating your profiles
- Add your new publications, events and project activities into your ORCID and other profiles, e.g. LinkedIn



What research profile information is already online about you?

- Google your name
- Can you find your own profiles?
- Are there other researchers with your name?



● Resources

- ORCID and Researchers
- NZ ORCID Hub
- Scopus author ID
- Web of Science Researcher profiles
- Web of Science Researcher Profiles online course



 Questions?

