ORCID |Implementing ORCID at Your Organization

APAC Service Provider Webinar

|January 14 , 2021

ORCiD | Connecting Research and Researchers

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@CamilliaLu
@ORCID_Org

ORCID'S VISION IS A WORLD WHERE ALL WHO PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND INNOVATION ARE UNIQUELY IDENTIFIED AND CONNECTED TO THEIR CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME, DISCIPLINES, AND BORDERS.

WHAT IS ORCID?

A globally unique and open identifier for researchers

Researchers share their iD with organizations during regular research workflows

A place to store and share the resulting connections between iDs and research activities and affiliations

https://orcid.org

The ORCID Community

- ORCID is a **non-profit, membership, and platform-neutral** organization. ORCID is sustained by members from publishers, funders, research institutes and others
- ORCID is governed by representatives from a Board.
- Over 9 million researchers have registered for an iD
- Over 1000 member organizations in 48 countries, including 24 national consortia
- 600+ research systems using ORCID in all sectors

https://orcid.org/statistics

ORCID in the APAC

Open collaboration, global scale, local teams

ASIA PACIFIC ENGAGEMENT TEAM

Estelle Cheng
Engagement
Manager, APAC

Camillia Lu
Engagement
Lead, APAC

Brian Minihan
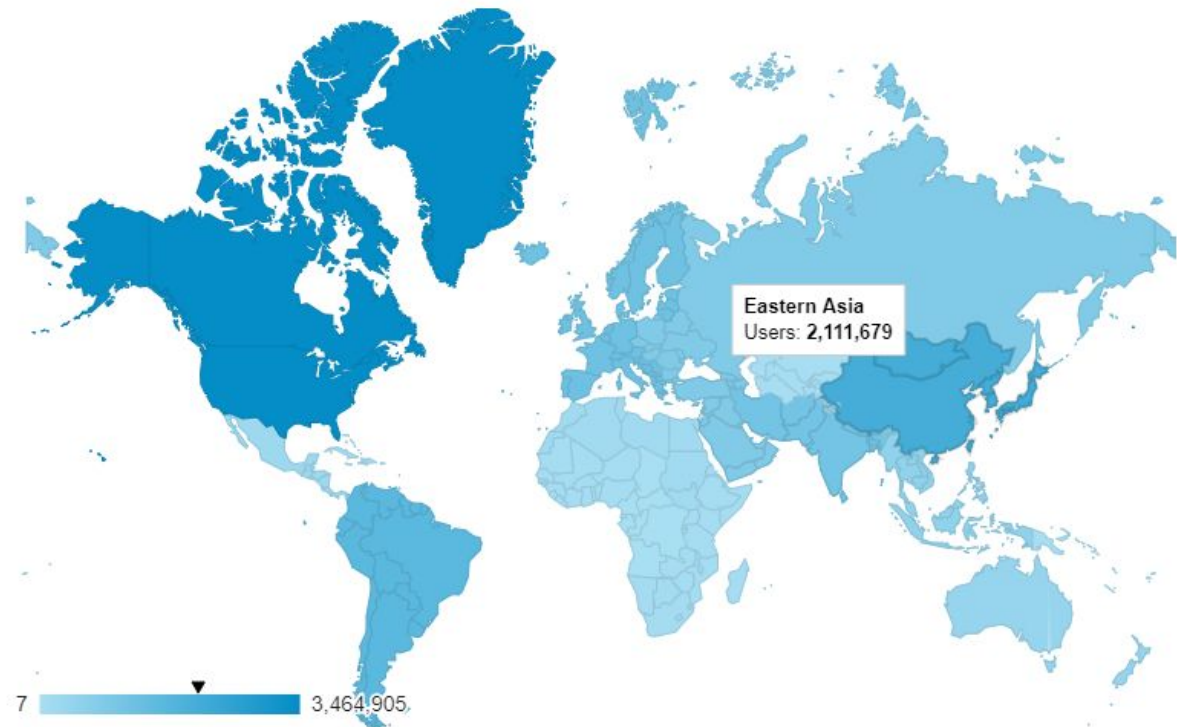Engagement
Lead, Oceania
& Hong Kong

Languages spoken:
Chinese, English, Japanese

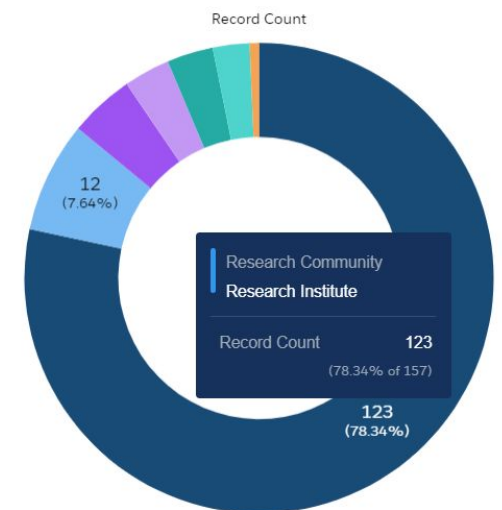https://orcid.org/about/membership/engagement-region
s

ORCID Users the in APAC

APAC accounts for the second largest source of traffic to the ORCID Registry *data covers Jan - August 2020

ORCID Members in the APAC

- 160+ members in total
- 130+ integrations - connections between ORCID members' systems with ORCID Registry
- 4 Consortia (Australia, Japan, New Zealand and Taiwan)
- Research institutes account for most members

Record Count

12
(7.64%)

Research Community
Research Institute

Record Count   **123**
(78.34% of 157)

123
(78.34%)

OUTLINE

- ORCID Implementations
  -Integration with ORCID API

- A Look at Exemplars

- Actions

INTEGRATING WITH ORCID API

ORCID PROVIDES

✓ Plumbing for research information
✓ Tools to build trust in digital information

Persistent digital identifiers to distinguish researchers from each other

Member-built integrations that connect researchers and their activities/affiliations

A hub for synchronizing machine-readable connections between identifiers for people, organizations, and research activities

ORCID ENABLES

Organizations use the ORCID API to authenticate, collect, display, and connect persistent identifiers for people, places, and things in research workflows

ORCID REGISTRY CONNECTIONS

Two models:

1. Connect via a vendor system
    - Manuscript submission/publication
    - Document/data repositories
    - Profile systems
    - CRIS systems
2. Develop a custom connection

iD

VENDOR CONNECTIONS

Publishing
- Editorial Manager
- Open Journal Systems
- ScholarOne
- eJournalPress
- ReView

Document / data repositories
- ePrints
- Hydra/Fedora

Profile systems
- Society to ORCID
- DB-Spiral

CRIS Systems
- Converis
- DSpace-CRIS
- Elements
- IRMA
- Pure
- Vivo

CUSTOM INTEGRATIONS

Via the ORCID API

- Fine-tuned control & permissions
- Customized buttons, user flows, feedback
- Test & troubleshoot with ORCID team

Case examples:

https://members.orcid.org/resources

Code examples:
https://members.orcid.org/api/resources/code-examples

GET PERMISSION

ORCID registry depends on user-based permissions:
Can I...

- have your iD *(/authenticate)*

- read limited-access data on your record

  (/read-limited)

- interact with the activities on your record

  (/activities/update)

- interact with your biographical information

  (/person/update)

Let's simplify...

AUTHENTICATE

Authenticate ORCID iDs to ensure researchers are correctly identified in your systems

DISPLAY

Display iDs to signal to researchers that your systems support the use of ORCID

iD Create or Connect your ORCID iD

iD https://orcid.org/0000-0001-2345-6789

ORCID
Sofia Garcia
https://sandbox.orcid.org/0000-0002-7635-015X

(Not You?)

State University ❷
has asked for the following access to your ORCID Record

👁 🔄

Add or update your biographical information
Add or update your research activities
Read your limited-access information

This application will not be able to see your ORCID password, or other private info in your ORCID Record. Privacy Policy.

Authorize

Deny

COLLECT

Collect information from ORCID records to fill forms and support research reporting

CONNECT

Connect information to ORCID records for trusted sharing with others

Researcher Database

Name

Sofia Maria Hernandez Garci

ORCID iD

http://orcid.org/0000-0001

```
Method: GET
  Accept: application/vnd.orcid+xml or
application/vnd.orcid+json
  Authorization type: Bearer
  Access token: [Stored access token]
  URL:  https://api.sandbox.orcid.org/v3.0/[ORCID
iD]/record
```

⌄ Employment (1) ❓

ORCID: Amsterdam, Netherlands
2015-04-30 to present | Lecturer

Organization identifiers
Ringgold: 385488
    ORCID: Bethesda, MD, US

Created
2018-03-22

Source: ORCID University

iD

SYNCHRONIZE

Synchronize information between ORCID records and your systems for reporting accuracy and speed
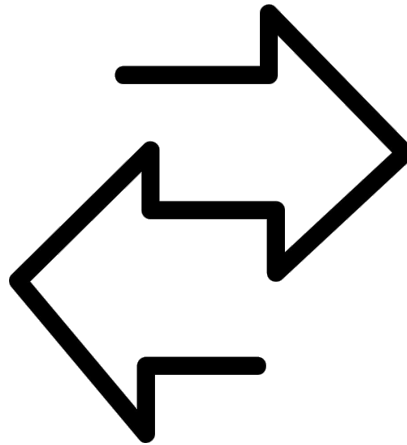
Chieh-Chih Estelle Cheng

ORCID iD

ⓘ https://orcid.org/0000-0002-3207-0527

ORCID API

	Public API	Member API
AUTHENTICATE ORCID iDs with the ORCID API	🔵	🔵
DISPLAY iDs you've collected in your system	iD	iD
COLLECT get data from ORCID*Pubic API limited to public	⬇	⬇
CONNECT add affiliations/contributions	X	🔶
SYNCHRONIZE add data to/get data from ORCID on an ongoing basis	X	🔄

iD

Collect: Publishing

COLLECT & CONNECT WORKFLOW
— PUBLISHERS

Assert contributions

CONNECT works to record

Pre-fill forms, populate profiles

Synchronize with your systems

iD
DISPLAY in published work

COLLECT information from record

Include iD in metadata

RESEARCHER
https://orcid.org/
0000-0001-2345-6789

ENTER ONCE REUSE OFTEN

SYNCHRONIZE with ORCID record

AUTHENTICATE using the ORCID API

Synchronize with other systems

PUBLISHERS   EMPLOYERS   FUNDERS

- Collect information from researcher' ORCiD record to pre-fill in your system
- For instance, in publishing workflow, you collect your authors' basic information and pre-fill into your submission system

Collect: Research Institute

COLLECT & CONNECT WORKFLOW

— EMPLOYERS

Assert work

CONNECT
affiliation to record

Populate your system

iD
DISPLAY
on organization website

COLLECT
information from record

Include iD in metadata

Synchronize with your systems

RESEARCHER
https://orcid.org/
0000-0001-2345-6789

SYNCHRONIZE
with ORCID record

AUTHENTICATE
using the ORCID API

ENTER ONCE
REUSE OFTEN

Synchronize with other systems

PUBLISHERS EMPLOYERS FUNDERS
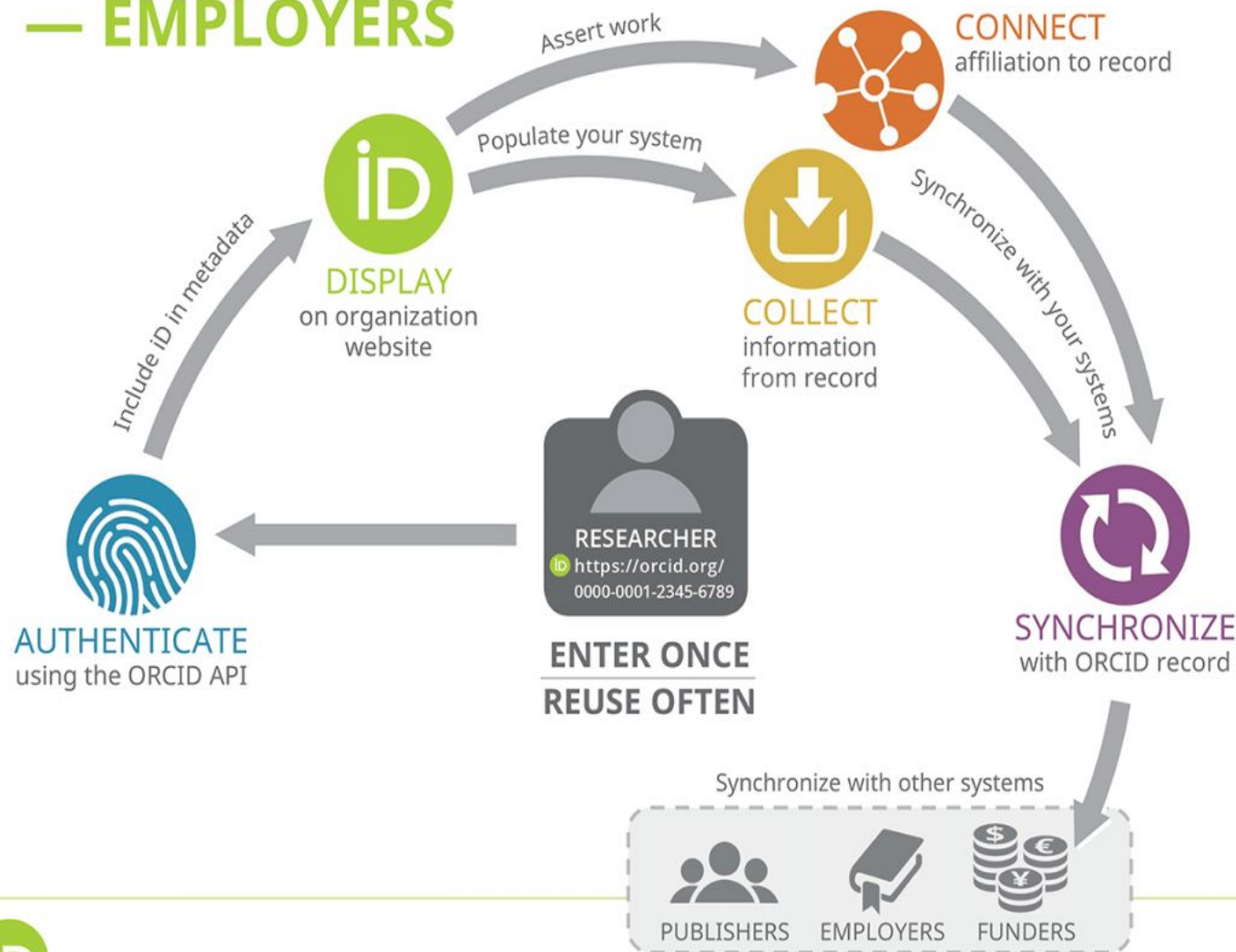
For instance, in research management workflow, you collect information about your researchers' research outputs (e.g., publications) and fill into your system

Connect:Publishing

- ORCID members can use the Member API to connect publication metadata with ORCID records that will be available to other systems and organizations accessing the records, adding trust and transparency.

Connect: Research Institute

COLLECT & CONNECT WORKFLOW
— **EMPLOYERS**

Assert work

Populate your system

Include iD in metadata

CONNECT affiliation to record

DISPLAY on organization website

Synchronize with your systems

COLLECT information from record

AUTHENTICATE using the ORCID API

RESEARCHER https://orcid.org/ 0000-0001-2345-6789

ENTER ONCE REUSE OFTEN

SYNCHRONIZE with ORCID record

Synchronize with other systems

PUBLISHERS   EMPLOYERS   FUNDERS
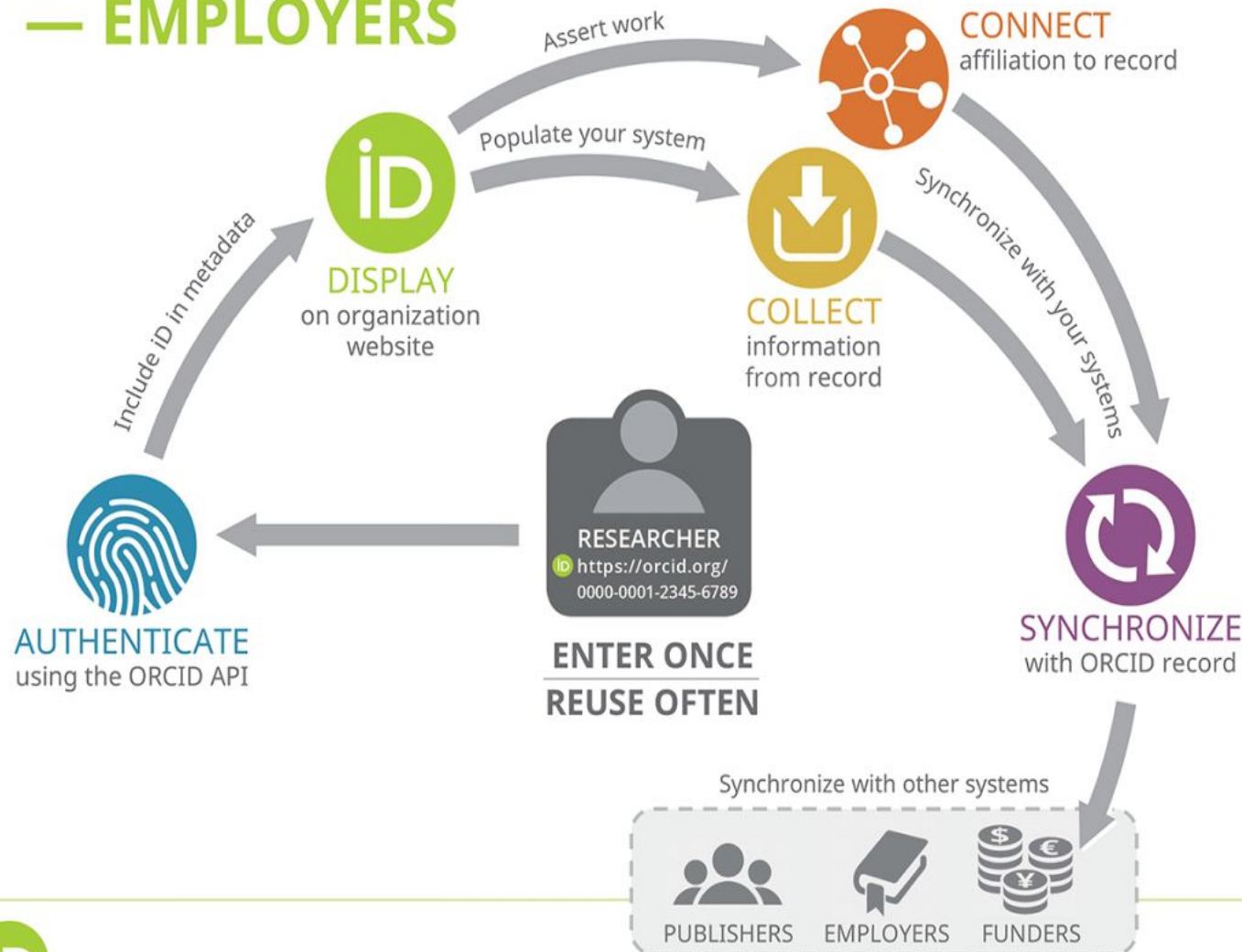
ORCID members can use the Member API to make assertions about the connections between individuals and your organization with ORCID records

Why Connect?

- Authoritative: Validated data that will flow into any research ecosystem
- Trusted assertion: Improve search and retrieval

IMPACT & ASSESSMENT

Cape Peninsula University of Technology: Cape Town, Western Cape, ZA

2015-03-01 to present | Professor (Education and Social Sciences)
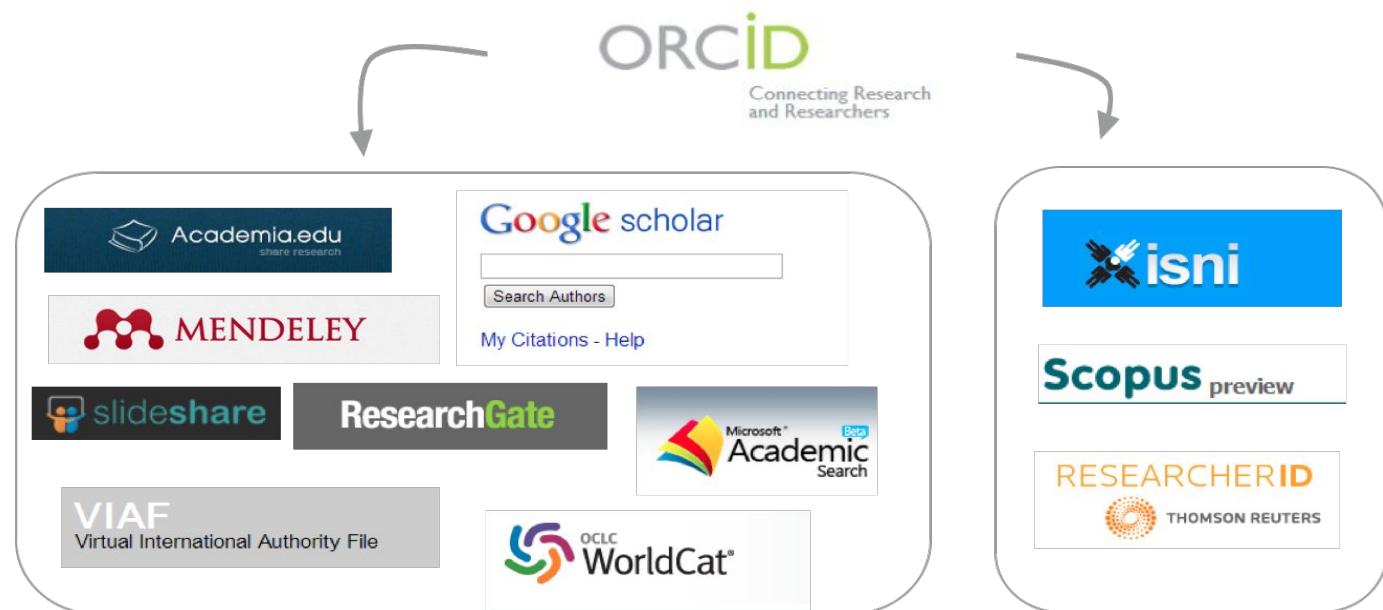
Employment

Organization identifiers

Ringgold: 70683

Cape Peninsula University of Technology: Cape Town, ZA

Other organization identifiers provided by Ringgold

ISNI: 000000010177134X

OFR: http://dx.doi.org/10.13039/501100004512

THE WORLD UNIVERSITY RANKINGS
TIMES HIGHER EDUCATION

Data and rankings

QS WORLD UNIVERSITY RANKINGS

iD

Affiliation added to the individual(s) ORCID iD(s) by the university system

Publisher Submission systems

SCHOLARONE™

OJS
OPEN JOURNAL SYSTEMS

eJournalPress

em

Indexes & Databases

PubMed

Scopus

WEB OF SCIENCE

A LOOK AT
CONNECT EXEMPLARS

Asserting Affiliation

CHIA-LING MEI

ORCID iD
https://orcid.org/0000-0002-8289-5746

Print view ?

Also known as
梅家玲

Websites
link1
NTU Researcher Profile

⌄ Employment (7)   ⬍ Sort

National Taiwan University: Taipei, TW
2015-08 to present | Professor (Department of Chinese Literature)
Employment

Source: National Taiwan University   ★ Preferred source

National Taiwan University: Taipei, TW
2004-08 to 2015-08 | Professor (The Graduate Institute of Taiwan Literature)
Employment

Source: National Taiwan University   ★ Preferred source

CHUN-I CHEN

ORCID iD
https://orcid.org/0000-0002-0141-7954

Print view ?

Also known as
陳純一

Websites
NCCU Academic Hub

⌄ Employment (3)   ⬍ Sort

National Chengchi University Department of Diplomacy:
Taipei, TW
| Professor
Employment

Source: National Chengchi University 國立政治大學   ★ Preferred source

National Chengchi University Department of Diplomacy:
Taipei, TW
2011-02-01 to 2013-01-01 | Professor

Connecting Other Identifiers

Rongquan Lai

ORCID iD

https://orcid.org/0000-0003-3701-7183

🖨 打印视图 ❓

网站 ▾
Curriculum Vitae
Mendeley profile

国家/地区 ▾
中国

关键字 ▾
Biodiversity Manipulation and Pest
Management; Ecological Control of
Tobacco Pests

其他 ID ▾
eScientist: 0000-0003-3701-7183

电子邮件地址 ▾
lrq305@sina.com

Yoshikuni Ono

ORCID iD

https://orcid.org/0000-0002-9222-4014

🖨 打印视图 ❓

网站 ▾
http://www.umich.edu/~onoy/

国家/地区 ▾
日本

其他 ID ▾
Scopus Author ID: 55091186500
Researcher Name Resolver ID:
1000070598664

ACTIONS

ORCID Integration Workflow

1. Test in the sandbox environment.

   - To obtain Sandbox Public API credentials, register for a Sandbox ORCID iD, sign into your Sandbox ORCID record, go to the "Developer tools" tab, and complete the form.

   - To obtain Sandbox Member API credentials complete the form

ORCID Integration Workflow

2. Make your integrations live

    - To obtain Production Public API credentials, sign in to your ORCID record, go to the "Developer tools" tab, and complete the form

    - To obtain Production Member API credentials, ORCID membership is mandatory. And organizations need to provide a demo of the plugin working in the Sandbox environment to ensure they follow the best practices

Take Actions

- Publisher: signing [the publishers open letter](#)
- Funder: [singing the funder open letter](#)
- [Integrating with ORCID](#)
- Making the most of ORCID by following [Collect & Connect Best Practices](#)

Webinars and resources

Webinars: https://orcid.org/about/events

Knowledge Base: https://support.orcid.org/hc/en-us

Integrations

Getting Started

https://members.orcid.org/api/getting-started

https://orcid.github.io/orcid-api-tutorial/

Case examples:

https://members.orcid.org/resources

Code examples:
https://members.orcid.org/api/resources/code-examples

THANK YOU...

Find out more at https://orcid.org

Register at https://orcid.org/register

Email c.lu@orcid.org

Twitter @ORCID_Org / @camillialu