

Connected Research: ORCID Practices for Researchers and Organizations in APAC

16th November 2021

Increasing persistent identifier use across Asia
by PID Alliance

Chieh-chih Estelle Cheng 鄭潔之

Engagement Manager Global Direct Members

<https://orcid.org/0000-0002-3207-0527>

Takeaways

After this session, you should:

1. Understand what ORCID is and how it can benefit researchers
2. Recognize why and how research organizations adopt ORCID in the research workflow
3. Take actions to connect ORCID iDs with other researcher identifiers and organizations IDs during the research workflow

Why does the Research Community Connect With Persistent Identifiers?

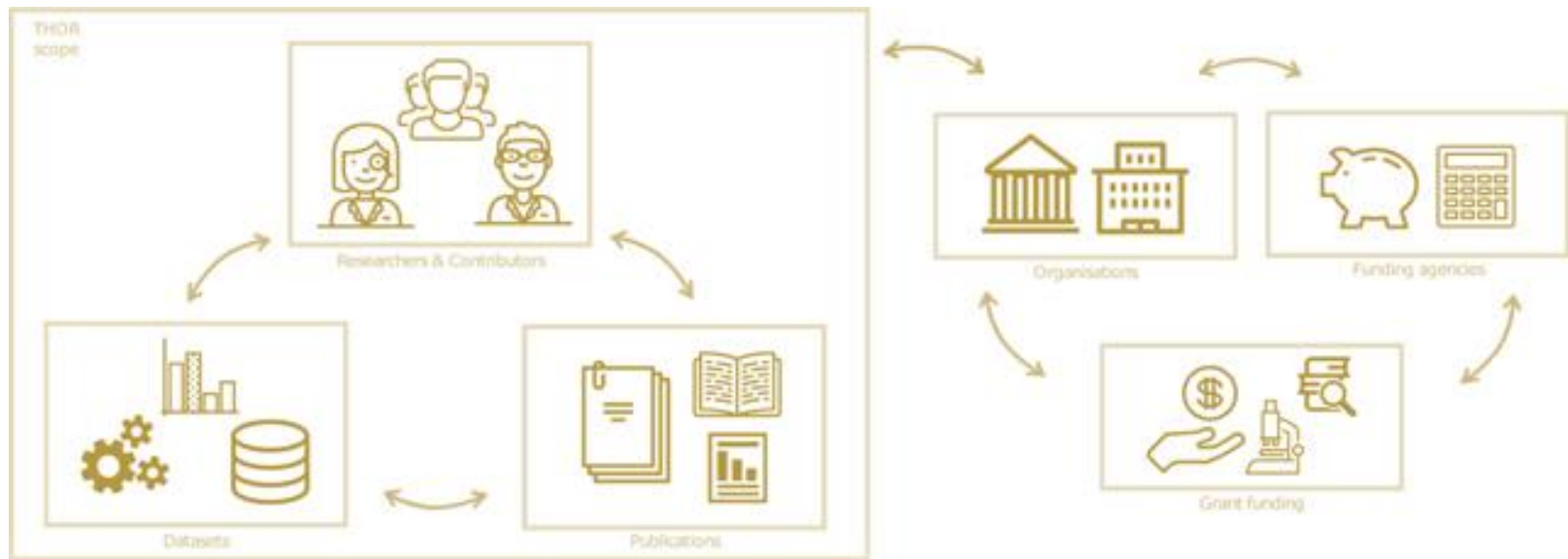
Build a trusted research information infrastructure.

The Research Community Wants

- Researchers are accurately credited for their contributions
- Researchers can easily share electronic information about their contributions and affiliations
- Organizations can easily acquire and share research information
- Organizations are accurately cited
- Accurate search and discovery tools are available

One of the Challenges...

- Transcending silos.
- Connections among people, places and things are often NOT transparent, hard to identify.



To make the vision come true

- **Open Research infrastructure** is needed for the research community
 - to share information on a global scale
 - to reduce burden on acquiring information
 - to ensure data quality for further metrics

- To start with...?

The Value of Identifiers



**Persistent identifiers for
people**



**places and
things**



are a foundational element in
anchoring and referencing
research information in a
trusted and interoperable way.



ORCID introduction



Executive



Chris Shillum
Executive Director

Operations



Sarah Hershberger
Director, Operations



Emilia Kutrovska
Project Manager



Padma Gopinath
Accountant



Stephanie Harley
Events Coordinator



Sandy Papparisto
HR Manager

Engagement



Ivo Wijnbergen
Director, Engagement



Estelle Cheng
Manager Direct Member



Brian Minihan
Direct Lead



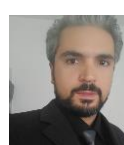
Ana Paty Cardoso
Direct Lead



Shawna Sadler
Outreach & Partners hip



Gabriela Mejias
Consortia Manager



Nabil Ksibi
EMEA Lead



Paloma Marin-Arraiza
EMEA Lead



Francisco Alsina
Member Support Technical Specialist



Jordan Holt
Member Support Technical Specialist

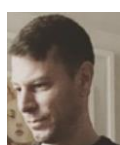
Product



Tom Demeranville
Director, Product



Paula Demain
Product Mgr



Dan Dineen
UX Specialist

Communications



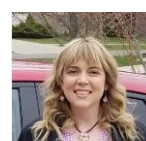
Julie Petro
Director Comms



Rob Blackburn
Web Producer



Katrina Willis
Comms Specialist



Kimberly Inniger
Events & Outreach Specialist

ORCID

<https://info.orcid.org/orcid-team/>

36 people
16 countries
15 languages

Technology



Will Simpson
Director, Technology



George Nash
Tech Lead, New Projects



Angel Montenegro
Tech Lead, Registry



Leo Mendoza
Front End Developer



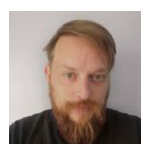
Daniel Palafox
Full Stack Engineer



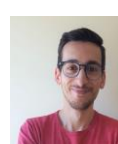
Giles Westwood
Devops Engineer



Camelia Dumitru
Back-End Engineer



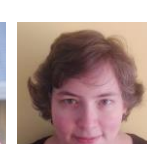
Matt Stockman
User Support Manager



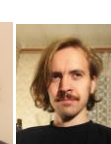
Pedro Costa
QA Lead



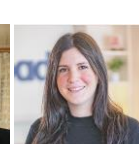
Thamirys Cabral
User Support Specialist



Mitra Najafi-Gheidari
Senior User Support Specialist



Andrej Romanov
User Support Specialist



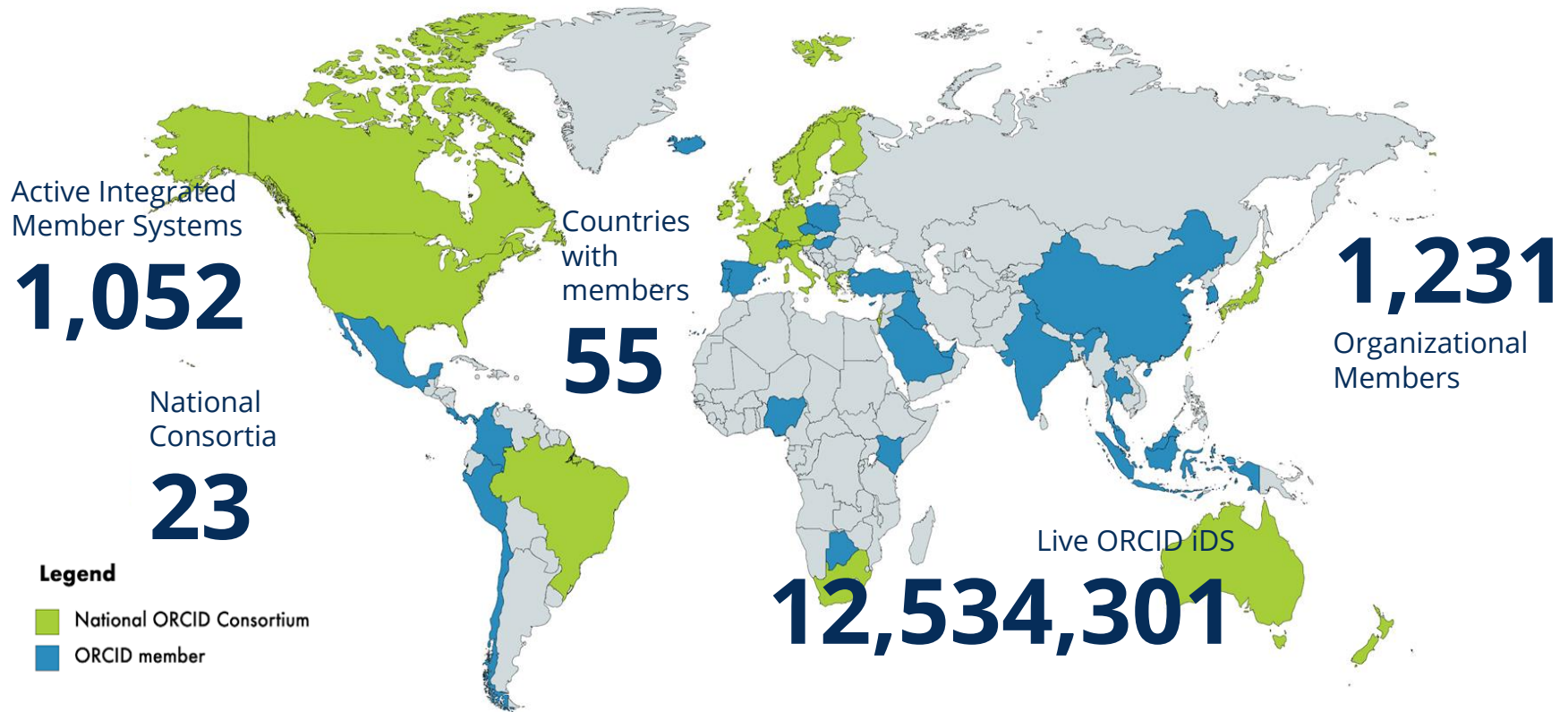
Natali Aldana
User Support Specialist

What is ORCID?

- ORCID is a **non-profit, membership, and platform-neutral** organization registered in the U.S. ORCID is sustained by members from publishers, funders, research institutes and others
- Guided by [our values and founding principles](#)
- **Community-governed** by a Board of Directors representative of our membership
- ORCID's vision is a world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions across disciplines, borders, and time.



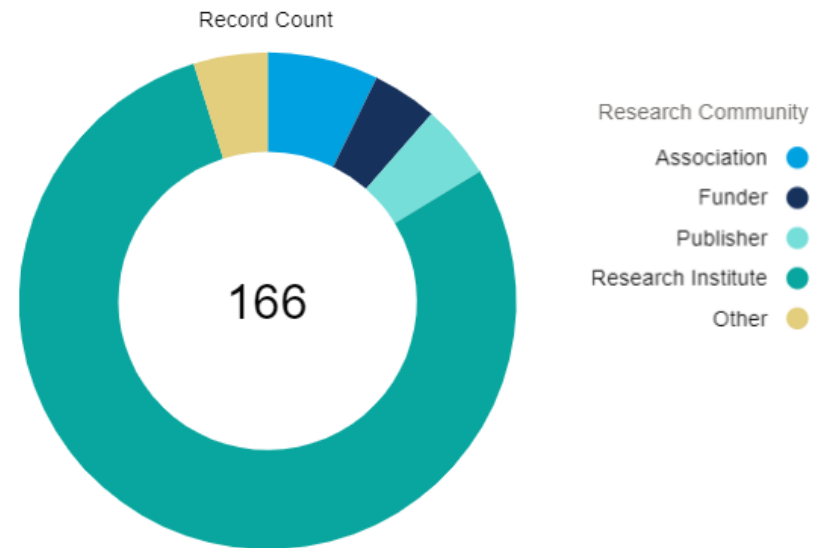
We have reached a critical mass of global participation



Fast Facts - ORCID in APAC

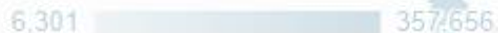
ORCID has 166 member organizations in the APAC

- Asia - 67
- Oceania - 99



Fast Facts - ORCID in APAC

- Ranks the largest traffic of users to the ORCID Registry
- 163 ORCID integrations – almost every member has adopted ORCID into their research workflow



6,301 357,656

ORCID Services



What does ORCID Provide?



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



- **Persistent Identifier:**

 <http://orcid.org/0000-0002-2771-9344>

- No matter changes in:

- Name?
- Career?
- Location?
- Discipline?

- Your **ORCID iD** stays the same! (It's persistent)

What does ORCID Provide?



A globally unique and open identifier for researchers



A set of standard procedures (APIs) for connecting researchers to their affiliations and activities



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






Sheila Rabun

(Not You) ?

DataCite ?

has asked for the following access to your ORCID Record



Read your information with visibility set to Trusted Parties 
Add/update other information about you (country, keywords, etc.)
Add/update your research activities (works, affiliations, etc)

This application will not be able to see your ORCID password or any other information in your ORCID record with visibility set to Only me. You can manage permission granted to this and other Trusted Organizations in your [account settings](#).

Authorize

Deny

ORCID Members (Organizations) can use ORCID's API to invite researchers to share ORCID IDs via OAuth authentication.

ORCID Members can collect information from ORCID and to connect research activities to researchers' ORCID records.

What does ORCID Provide?



A globally unique and open identifier for researchers



A set of standard procedures (APIs) for connecting researchers to their affiliations and activities



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



Connections: affiliations

Jason Gush

ORCID iD

<https://orcid.org/0000-0001-8920-0452>

Print view ?

Country

▼ Employment (1)

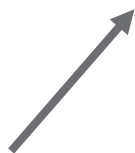
Royal Society Te Apārangi: Wellington, NZ

2016-09 to present | Programme Manager -- Insights & Evaluation | ORCID (Research Funding)

Employment

Source: Royal Society Te Apārangi

★ Preferred source



Connecting affiliations to the researcher's ORCID account – New Zealand, Royal Society Te Apārangi



Connections: Works

Je-Wook Yu

ORCID iD

<https://orcid.org/0000-0001-5943-4071>

▼ **Employment (1)**

Yonsei University College of Medicine: Seodaemun-gu, Seoul, KR

2012-03-01 to present | (Microbiology and Immunology)

Employment

Source: Je-Wook Yu

★ Preferred source

Non-invasive in vivo imaging of caspase-1 activation enables rapid and spatiotemporal detection of acute and chronic inflammatory disorders

2020 | journal-article

DOI: [10.1016/j.biomaterials.2019.119543](https://doi.org/10.1016/j.biomaterials.2019.119543)

URI: [22282913/174897](https://pubmed.ncbi.nlm.nih.gov/31634653/)

PMID: 31634653

Source: Yonsei University Medical Library

★ Preferred source



Connecting professional activities to the researcher's ORCID account –Yonsei University Medical Library



Connections: Funding

▼ Funding (10)

↑↓ Sort

二維剛性圓柱體與彈性平面吸引接觸之數值分析

長庚大學機械工程學系(所) (Taoyuan)

Grant

GRANT_NUMBER: NSC98-2221-E182-019

URL: <http://grbsearch.stpi.narl.org.tw/search/planDetail2?projkey=PB9807-2064>

Source: Chang Gung University

★ Preferred source



Connecting grants to the researcher's ORCID account – Chang Gung University



Connections: Peer Review

Review date	Type	Role	Actions	
2020-08-06	review	reviewer	hide details view	
Review identifier(s) SOURCE-WORK-ID: <u>1547</u>	Convening organization OAE Publishing Inc. (Beijing, CN)	Review subject <u>(journal-article)</u> Cancer Drug Resistance.	Added 2020-08-06	Last modified 2020-08-06
Source: OAE Publishing Inc.		★ Preferred source		

2020-08-06	review	reviewer	hide details view	
Review identifier(s) SOURCE-WORK-ID: 1549	Convening organization OAE Publishing Inc. (Beijing, CN)	Review subject (journal-article) Cancer Drug Resistance.	Added 2020-08-06	Last modified 2020-08-06
Source: OAE Publishing Inc.		★ Preferred source		



Connecting peer reviews to the researcher's ORCID account – OAE Publishing Inc.



ORCID for Organizations

Improving the flow of research information



Global Trends: Research Institutions

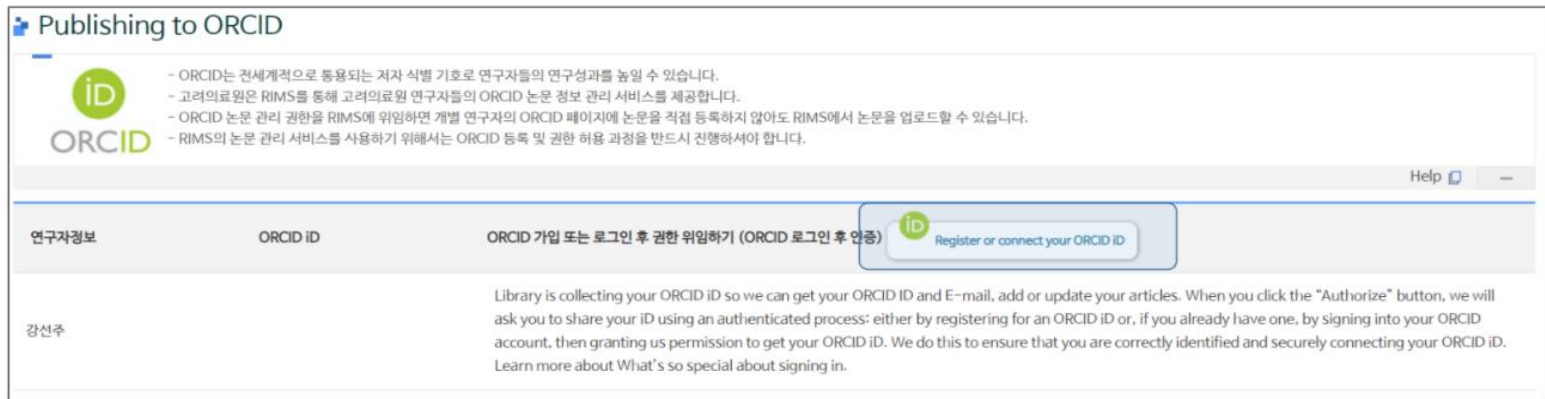
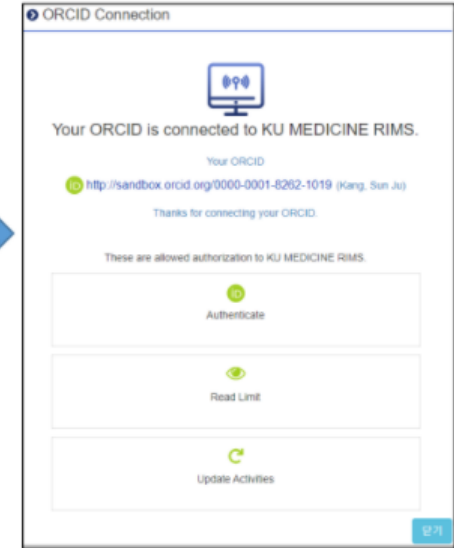
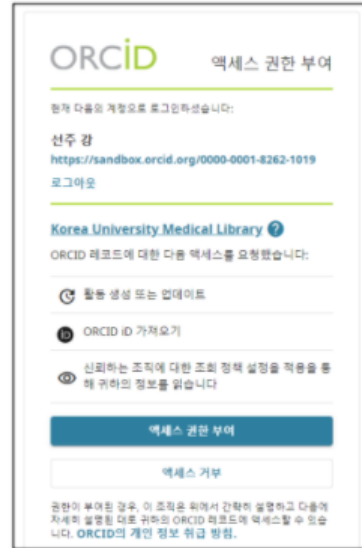
Save reporting time for researchers, improve ability to evaluate research outcomes

- Over 700 research institutions are members of ORCID and are actively integrating ORCID into personnel and reporting workflows.
- ORCID can be adopted using various systems
 - Human Resource systems
 - Research Information Management Systems
 - Repositories
 - Publishing Systems and more



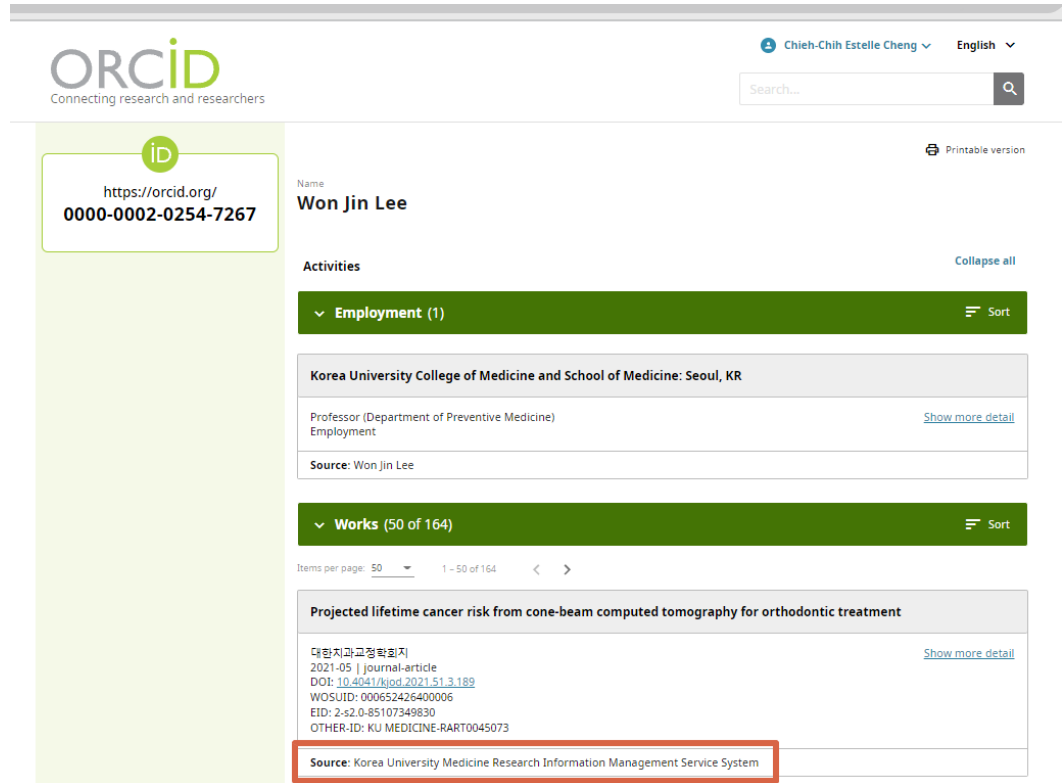
Use Case: Korea University Medicine

- Korea University Medicine Research Information Management Service System



Use Case: Korea University Medicine

- Connects Researchers' research works from the RIMS to their ORCID Records



The screenshot displays the ORCID iD profile for Won Jin Lee. The profile includes the ORCID logo, the user's name, and their ORCID iD: <https://orcid.org/0000-0002-0254-7267>. The profile is divided into sections for Activities and Works. The Activities section shows one employment record at Korea University College of Medicine and School of Medicine, Seoul, KR, as a Professor (Department of Preventive Medicine). The Works section shows 50 of 164 works, with one work highlighted: "Projected lifetime cancer risk from cone-beam computed tomography for orthodontic treatment". The source for this work is "Korea University Medicine Research Information Management Service System", which is highlighted with a red box.

ORCID
Connecting research and researchers

Chieh-Chih Estelle Cheng English

Search...

iD
<https://orcid.org/0000-0002-0254-7267>

Name
Won Jin Lee

Activities [Collapse all](#)

▼ **Employment (1)** [Sort](#)

Korea University College of Medicine and School of Medicine: Seoul, KR

Professor (Department of Preventive Medicine)
Employment [Show more detail](#)

Source: Won Jin Lee

▼ **Works (50 of 164)** [Sort](#)

Items per page: 50 1 - 50 of 164 < >

Projected lifetime cancer risk from cone-beam computed tomography for orthodontic treatment [Show more detail](#)

대한지과교정학회지
2021-05 | journal-article
DOI: [10.4041/jipg.2021.51.3.189](https://doi.org/10.4041/jipg.2021.51.3.189)
WOSUID: 000652425400006
EID: 2-s2.0-85107349830
OTHER-ID: KU MEDICINE-RART0045073

Source: Korea University Medicine Research Information Management Service System



Global Trends

Publishers

- Publishers and repositories around the world use DOIs and ISBNs to persistently identify journals, datasets, and books
- At least Over 7,138 publisher and journal systems currently collect ORCID iDs during manuscript submission [[video](#)]. Many are also using ORCID for peer review.

Publishing Systems

- Supported ORCID features and configuration steps vary by system

Editorial Manager/ProduXion Manager

Open Journal Systems

ScholarOne Manuscripts

eJournalPress

ReView

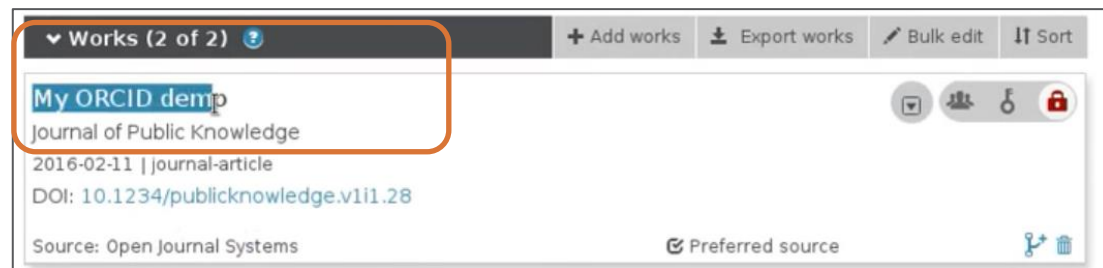


Use Case: Open Journal System

- OJS is an open-source software application for managing and publishing scholarly journals.
- An ORCID Certified System.
- Publishers can connect published works directly to an author's ORCID record with the author's permission.



The screenshot shows the 'Journal of Public Knowledge' website. The header includes 'Current', 'Archives', and 'About' links, along with a search bar. The main content area displays the breadcrumb 'Home / ORCID Authorization' and a green notification box stating: 'Your ORCID ID has been verified and successfully associated with the submission.' Below this, another green box says: 'The submission has been added to your ORCID record.'

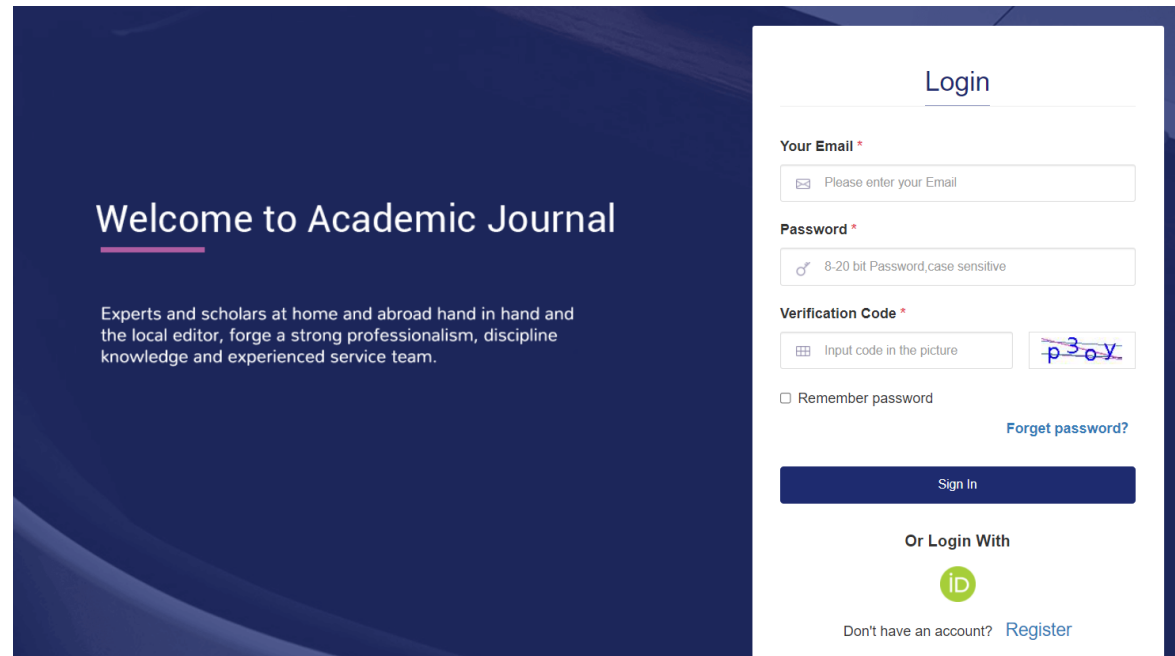


The screenshot shows an ORCID record for 'My ORCID demp'. A red box highlights the work entry. The work details are: 'Journal of Public Knowledge', '2016-02-11 | journal-article', and 'DOI: 10.1234/publicknowledge.v1i1.28'. The source is listed as 'Open Journal Systems' and is marked as a 'Preferred source'. The interface includes navigation options like '+ Add works', 'Export works', 'Bulk edit', and 'Sort'.




Use Case: TsingHua University Press

- Adopting ORCID into the customized author service profile system



The screenshot displays a login interface for 'Academic Journal'. On the left, a dark blue banner contains the text 'Welcome to Academic Journal' and a paragraph: 'Experts and scholars at home and abroad hand in hand and the local editor, forge a strong professionalism, discipline knowledge and experienced service team.' On the right, a white login form is titled 'Login' and includes the following elements:

- Your Email ***: A text input field with the placeholder 'Please enter your Email'.
- Password ***: A password input field with a strength indicator '8-20 bit Password, case sensitive'.
- Verification Code ***: A text input field with the placeholder 'Input code in the picture' and a CAPTCHA image showing the code 'p3oy'.
- Remember password
- [Forget password?](#)
- Sign In**: A dark blue button.
- Or Login With**: A section header.
-  ORCID iD icon.
- Don't have an account? [Register](#)



Use case: Tsinghua University Press

- Connects Publication Information to researcher's ORCID Records

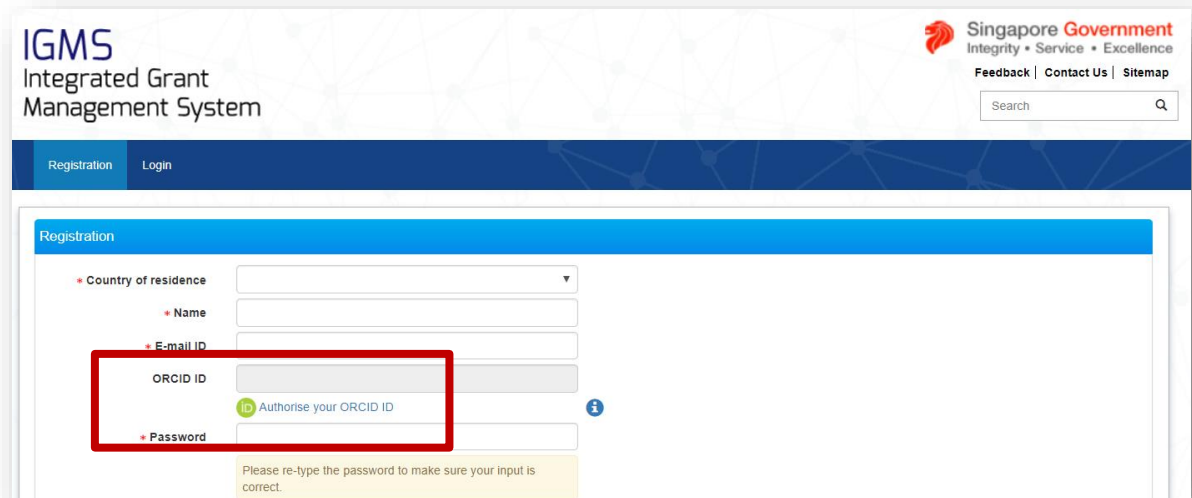
The screenshot displays the 'ACADEMIC JOURNAL' website interface. At the top right, there are links for 'EN', 'LOGIN', and 'REGISTER'. The main profile section for 'Ruitong Liu' includes a placeholder for a profile picture with a 'Follow this author' link, and statistics: 'UnKnown', 'Downloads: 0', 'Citations: 1', and 'Articles: 3'. An ORCID iD link is provided: <https://orcid.org/0000-0001-8309-5495>.

Below the profile, there are 'Publication Fields' tabs for 'Natural Science' and 'Engineering and Technical Science'. A 'Publications' section follows, featuring a filter for 'Article type' (with options 'UnKnown (3)' and 'Research Article (2)') and a 'Year' filter (with options '2021 (3)' and '2010 (1)'). The main content area shows a list of publications, with the first entry being 'LDT_Intercalation and hybrid heterostructure of two-dimensional atomic crystals with functional organic semiconductor molecules x02' by Rui-tong LIU, Zhenghui RAN, and Yujie DING, published online on 12 March 2021. The entry includes options for 'Abstract', 'PDF (654.9 KB)', 'Download citation', and 'Collect', along with 'Downloads: 0' and 'Citations: 0'.

Global Trends

Funders

- Over 20 funders have issued a policy or statement relating to the use of ORCID iD, several collect ORCID during grant application, and some are requiring ORCID, including [Wellcome Trust](#), [US National Institutes of Health](#), and the [Australian Research Council](#). National Research Foundation of Singapore collects ORCID iD in IGMS system.



IGMS
Integrated Grant
Management System

Singapore Government
Integrity • Service • Excellence
Feedback | Contact Us | Sitemap

Registration Login

Registration

Country of residence

Name

Email ID

ORCID ID

id Authorise your ORCID ID

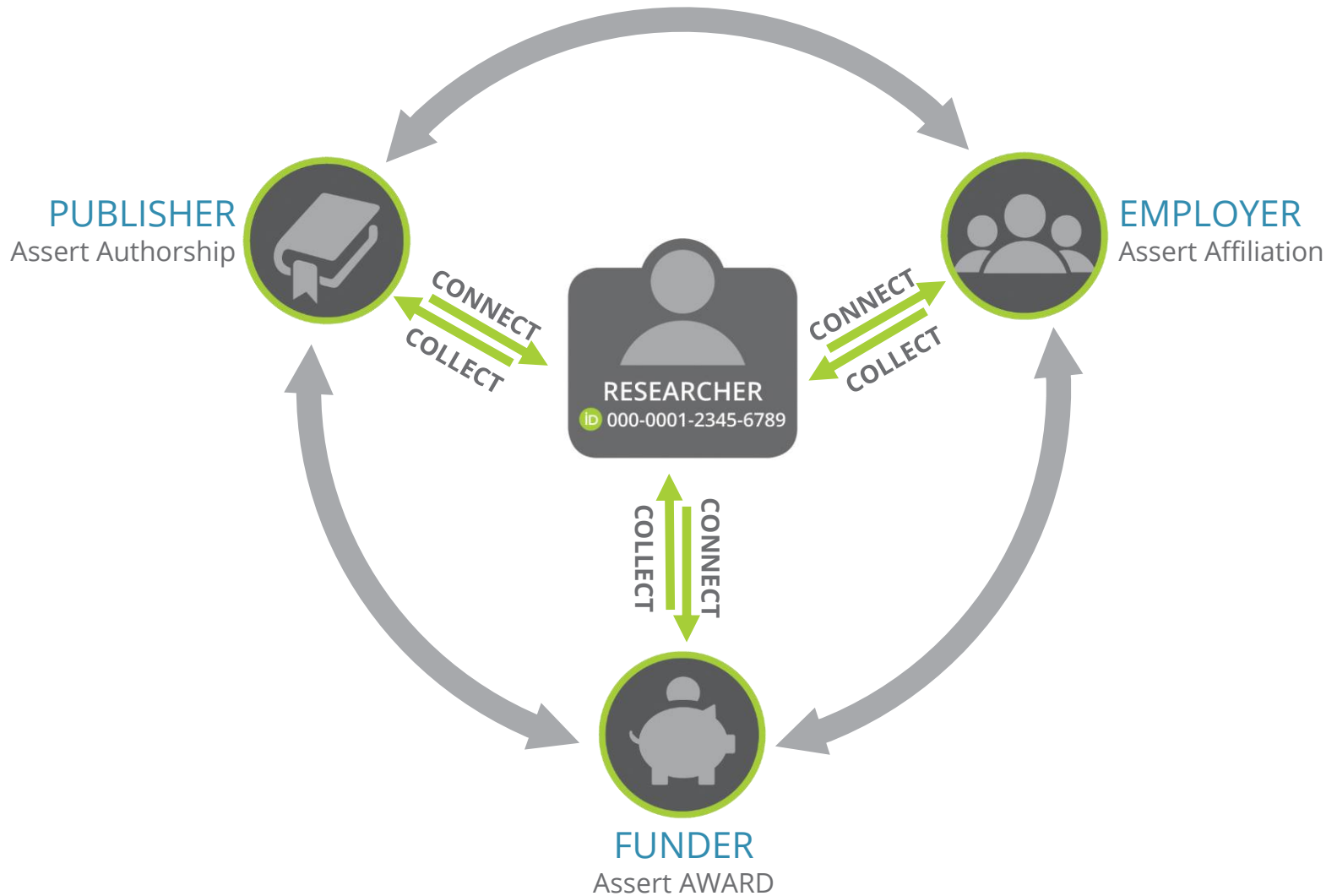
Password

Please re-type the password to make sure your input is correct.



Source: <https://orcid.org/content/requiring-orcid-publication-workflows-open-letter>

Interoperability



ORCID for Researchers

Connect Your ORCID iDs and Add Information to your
ORCID Records!



Add information to ORCID records

- By researchers themselves
 - Via ORCID Search & Link Wizards
 - Add works using an identifier
 - Importing works from a BibTeX file
 - Add works manually
- By Trusted organizations for researchers
 - Through ORCID member organizations
 - Through DOI providers: auto-update



Connecting ORCID with other iDs: Scopus ID

Author	Documents	<i>h</i> -index ⓘ	Affiliation	City	Country/Territory
<input type="checkbox"/> 1 Zhuge, Dan	13	5	Hong Kong Polytechnic University	Kowloon	Hong Kong

Zhuge, Dan

ⓘ Hong Kong Polytechnic University, Kowloon, Hong Kong [Show all author info](#)

sc 57190749985 ⓘ **id Connect to ORCID**

[Edit profile](#) [Set alert](#) [Potential author matches](#) [Export to SciVal](#)

- Option 1:
Linking
ORCID
from
Scopus
Author ID

Zhuge, Dan

ⓘ Hong Kong Polytechnic University, Kowloon, Hong Kong [Show all author info](#)

sc 57190749985 ⓘ **id Connect to ORCID**

[Edit profile](#) [Set alert](#) [Potential author matches](#) [Export to SciVal](#)

Sign in

Email or 16-digit ORCID ID

example@email.com or 0000-0001-2345-6789

Password

SIGN IN

[Forgot your password or ORCID ID?](#)

[Don't have an ORCID ID yet? Register now](#)

ORCID **Authorize access**

Scopus - Elsevier ⓘ

has asked for the following access to your ORCID record:

- Add/update other information about you (country, keywords, etc.)
- Add/update your research activities (works, affiliations, etc.)
- Read your information with visibility set to Trusted Organizations

Authorize access

Deny access



Connecting ORCID with other iDs: Scoups ID

- Option 2:
Linking
Scopus
Author
ID from
ORCID

▼ Works (50 of 50) ? + Add works

LINK WORKS

Hide link works

ORCID works with our member organizations to make it easy to connect your ORCID iD and link to information in their records. Choose wizards to get started. [More information about linking works](#)

Work type Geographical area

Scopus - Elsevier

Import your Identifier, profile and publications. The wizard helps you find the correct Scopus profile and to confirm your publications. You can then import the identifier and list of publications into ORCID. Any changes you make will be submitted to the Feedback team to update your Scopus profile. >

Scopus | ORCID

Send Scopus Author details and publication list to ORCID

Your publications on Scopus may be spread over a number of different Author profiles, because these are generated automatically. In order to create a single profile containing the correct publications, please follow the steps in this wizard. On completion, any changes will be sent as corrections to Scopus. To locate all Author ID's please provide all the name variants under which you have published below.



Connecting ORCID with Publons

As of now, researchers link ORCID from Publons

UPDATE YOUR ORCID RECORD FROM PUBLONS

Click the button below to allow Publons to keep your ResearcherID up to date on your ORCID record. If you have a ResearcherID it will be exported to the "Other IDs" section of your ORCID record.

GRANT PUBLONS PERMISSION TO UPDATE YOUR ORCID RECORD

SAVE CHANGES

ORCID Settings

You have linked ORCID record:  <https://orcid.org/0000-0001-1234-5678>

EXPORT YOUR REVIEWS TO ORCID

You have 0 eligible verified pre-publication reviews which can be exported to your ORCID record. If you believe you have more reviews to export than reported please [get in touch](#).



Automatically export new reviews to ORCID

EXPORT REVIEWS TO ORCID NOW



Connect ORCID in publishing

- During journal article submission

ScholarOne Manuscripts™

Respirology



Log In Reset Password Create An Account

Create an Account

There are three screens to fill out in the Create Account process. In this first screen, enter your name and e-mail information into the boxes below. Required fields are marked with "req." When you are finished, click "Next."

- 1 E-Mail / Name
- 2 Address
- 3 User ID & Password

ORCID®

Select the appropriate option below to associate an ORCID ID to your account.

 [Create an ORCID ID](#)

[Associate your existing ORCID ID](#)

Open Researcher and Contributor ID (ORCID) is a non-profit organization dedicated to solving the long-standing name ambiguity problem in scholarly communication by creating a central registry of unique identifiers for individual researchers and an open, transparent linking mechanism between ORCID and other current author identifier schemes. To learn more about ORCID, please visit <http://orcid.org/content/initiative>.

Name


Prefix: Dr.

ORCID

Chieh-Chih Estelle Cheng
<https://orcid.org/0000-0002-3207-0527>

(Not You) ?

Wiley (ScholarOne Manuscripts) ?
has asked for the following access to your ORCID Record



Add/update your research activities (works, affiliations, etc)
Read your information with visibility set to Trusted Parties
Add/update other information about you (country, keywords, etc.)
Get your ORCID ID

This application will not be able to see your ORCID password or any other information in your ORCID record with visibility set to Only me. You can manage permission granted to this and other Trusted Organizations in your [account settings](#).



Connect ORCID in Depositing

- Managing research outputs in Repositories

ORCID

Authorize access

You are currently signed in as:

Chieh-Chih Estelle Cheng

<https://orcid.org/0000-0002-3207-0527>

[Sign out](#)

[NASA Astrophysics Data System](#) ?

has asked for the following access to your ORCID record:

Read your information with visibility set to Trusted Parties

Update your works

Add works

Authorize access

Deny access

If authorized, this organization will have access to your ORCID record, as outlined above and described in further detail in [ORCID's privacy policy](#).

You can manage access permissions for this and other Trusted Organizations in your [account settings](#).

VizieR Online Data Catalog: Monochromatic conversion factors to LIR & M_{dust} (Schreiber+, 2018)

VizieR Online Data Catalog

2017-10 | data-set

BIBCODE: [2017yCat..36090030S](#)

[Show more detail](#)

Source: NASA Astrophysics Data System

Connect ORCID During Grant Submission

- During grant application workflow

ORCID **Peter Parker**
<https://orcid.org/000-0001-2345-6789>
(Not You?)

US National Institutes of Health ?
has asked for the following access to your ORCID Record

iD

Get your ORCID iD

Allow this organization or application to get your 16-character ORCID iD and read information on your ORCID record you have marked as public.

...r ORCID password or any ... with visibility set to Only me. ... is and other Trusted

Authorize

Deny

Through DOI providers: auto-update

■ 研究人员使用唯一标识符的价值

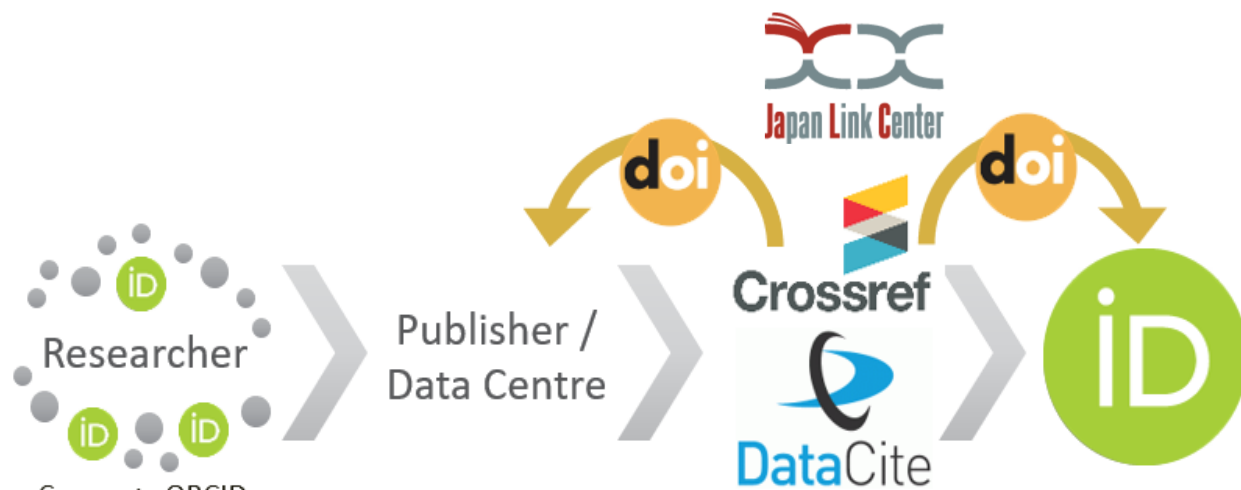
Figshare

2019 | other

DOI: 10.23640/07243.8029259.v1

Source: DataCite

★ Preferred source



- Connects ORCID iD to manuscript / dataset
- Connects ORCID iD to DataCite, JaLC profile, enables auto-update

Embeds ORCID iDs in metadata when manuscript/dataset is accepted, noting if iD is authenticated

Checks metadata for authenticated ORCID iDs when assigning DOIs to new works

Receives new work info from Crossref/DataCite, JaLC sends to users' ORCID records

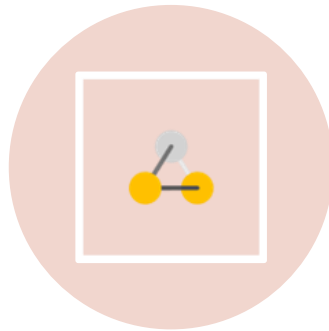
Enable time-savings for researchers, preserve metadata quality, and support transparency and trust in research information



To Recap: How organizations can start



ADOPT ORCID



**INTEGRATE ORCID
INTO SYSTEMS**

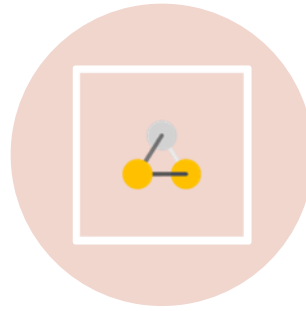


**SYNC RESEARCH
INFORMATION
BETWEEN ORCID
AND YOUR SYSTEMS**

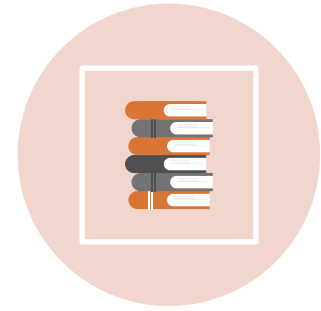
To Recap: How researchers can start



CONNECT ORCID



**CONNECT WITH
OTHER IDS**



**ADD
INFORMATION TO
ORCID RECORD**

Opportunities and Challenges

In Asia



Opportunities

- Emerging users and adoptions
- Cross-regional PIDs initiatives and regional PIDs providers
 - Airiti
 - Japan Link Center
 - KISTI

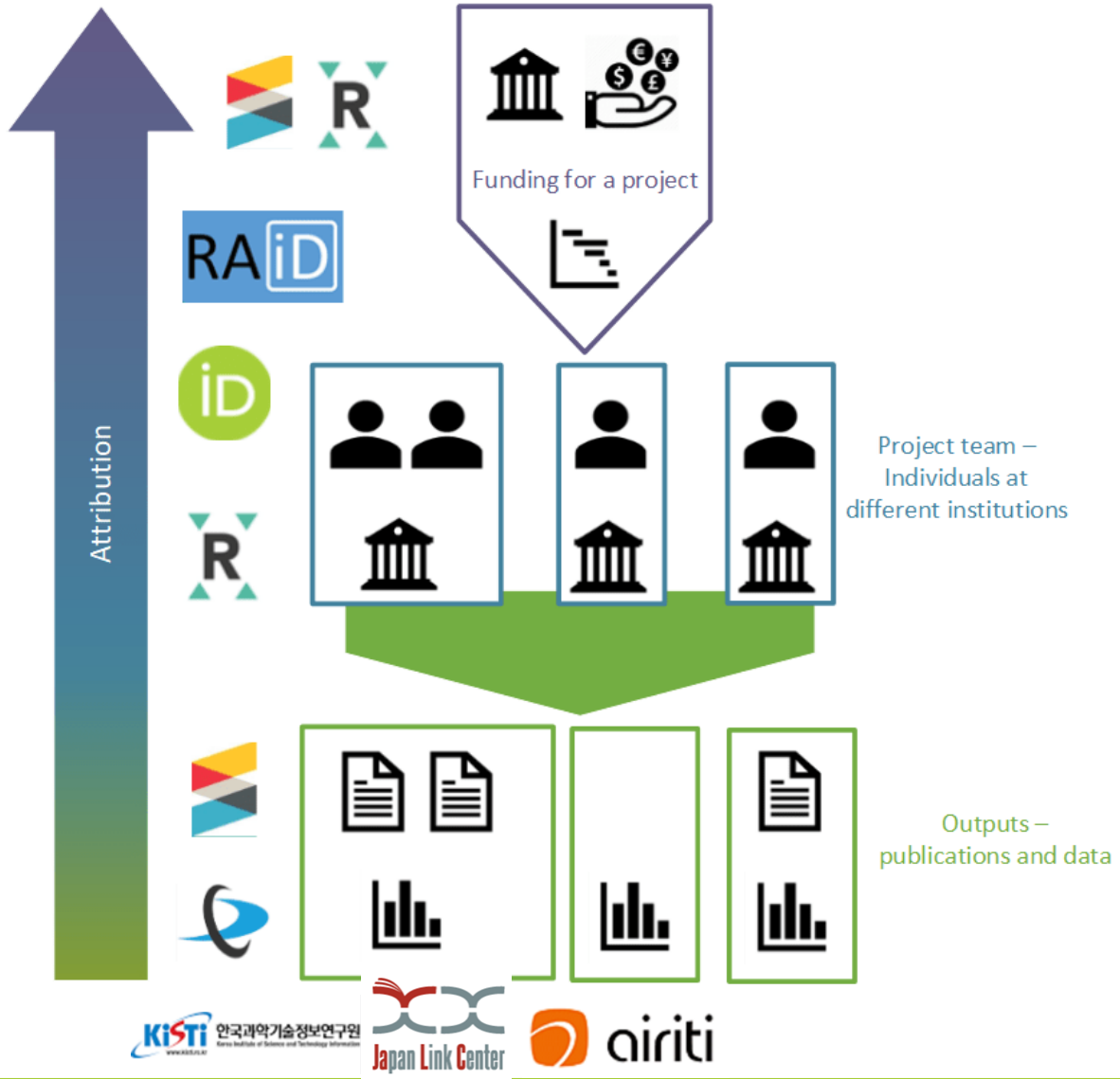


Challenges

- Focusing majorly on open access but more can be done for ***infrastructure***
- The values of PIDs such as interoperability needs to be addressed

PIDs don't stand alone!

Connections maximize impact and interoperability



Resources for the Community

- [Outreach resources](#)
- [Comprehensive Documentation](#) and support
- [Slide Templates](#) for you to communicate ORCID to your researchers
- [Content Templates](#) for you to communicate ORCID to your researchers

THANK YOU



Find out more at <https://orcid.org>

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Discussion and Feedback

Collaborating for Trusted Connections