

# AN INTRODUCTION TO ORCID

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ORCID

Connecting Research  
and Researchers

ORCID.org

# A NAME IS NOT ENOUGH

A researcher can share a name, or change their name, or use their middle name or initial, or their name could be spelt differently, or have an accent...



ORCID iD	First name	Last name
0000-0002-8898-4520	Koichi	Tanaka
0000-0001-9115-2015	Koichi	Tanaka
0000-0001-8666-6396	Koichi	Tanaka
0000-0002-3180-7881	Koichi	Tanaka



# ONE RESEARCHER MAY HAVE MANY PROFILES OR IDENTIFIERS

Academia.edu  
share research

Google scholar

MENDELEY

slideshare

ResearchGate

Microsoft Academic Search

VIAF  
Virtual International Authority File

OCLC WorldCat®

ORCID  
Connecting Research and Researchers

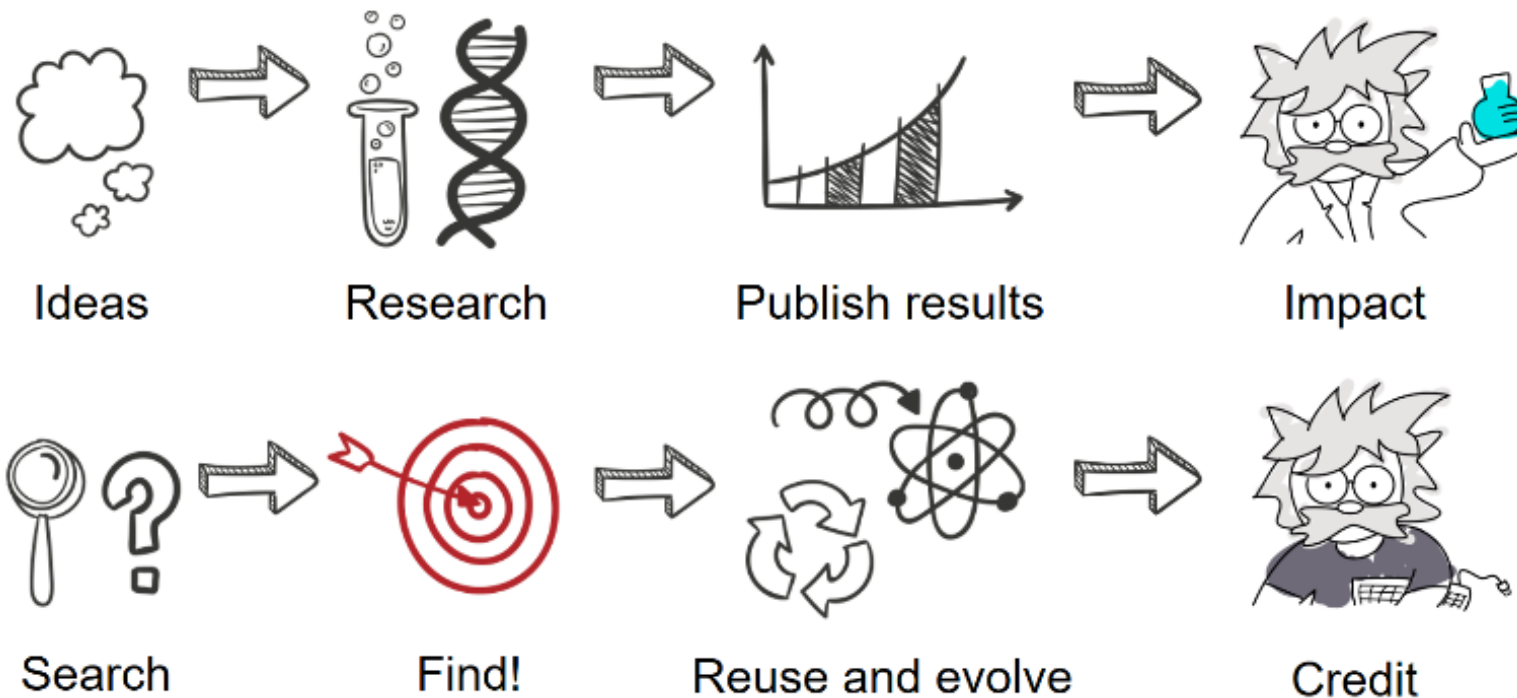
isni

Scopus preview

RESEARCHERID  
THOMSON REUTERS

# IDENTIFIERS ACROSS THE RESEARCH LIFECYCLE

IDENTIFIERS HELP TO MAKE THE WHOLE RESEARCH PROCESS TRANSPARENT



# WHAT IS ORCID?

**O**pen

**R**esearcher and

**C**ontributor

**ID**entifier



# WHAT IS ORCID?

- An identifier for researchers
- A registry
- A set of standard procedures for connecting researchers to their affiliations and activities
- A committed community building connectors
- An international-scale open research effort



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.





# CORE PRINCIPLES OF ORCID

- Researcher control
- Community governance
- Openness
- Persistence

<http://orcid.org/about/what-is-orcid/principles>



# ORCID IS OPT-IN

- ORCID is an opt-in system
- You own and control your record



- ORCID record is portable and travels with you throughout your career

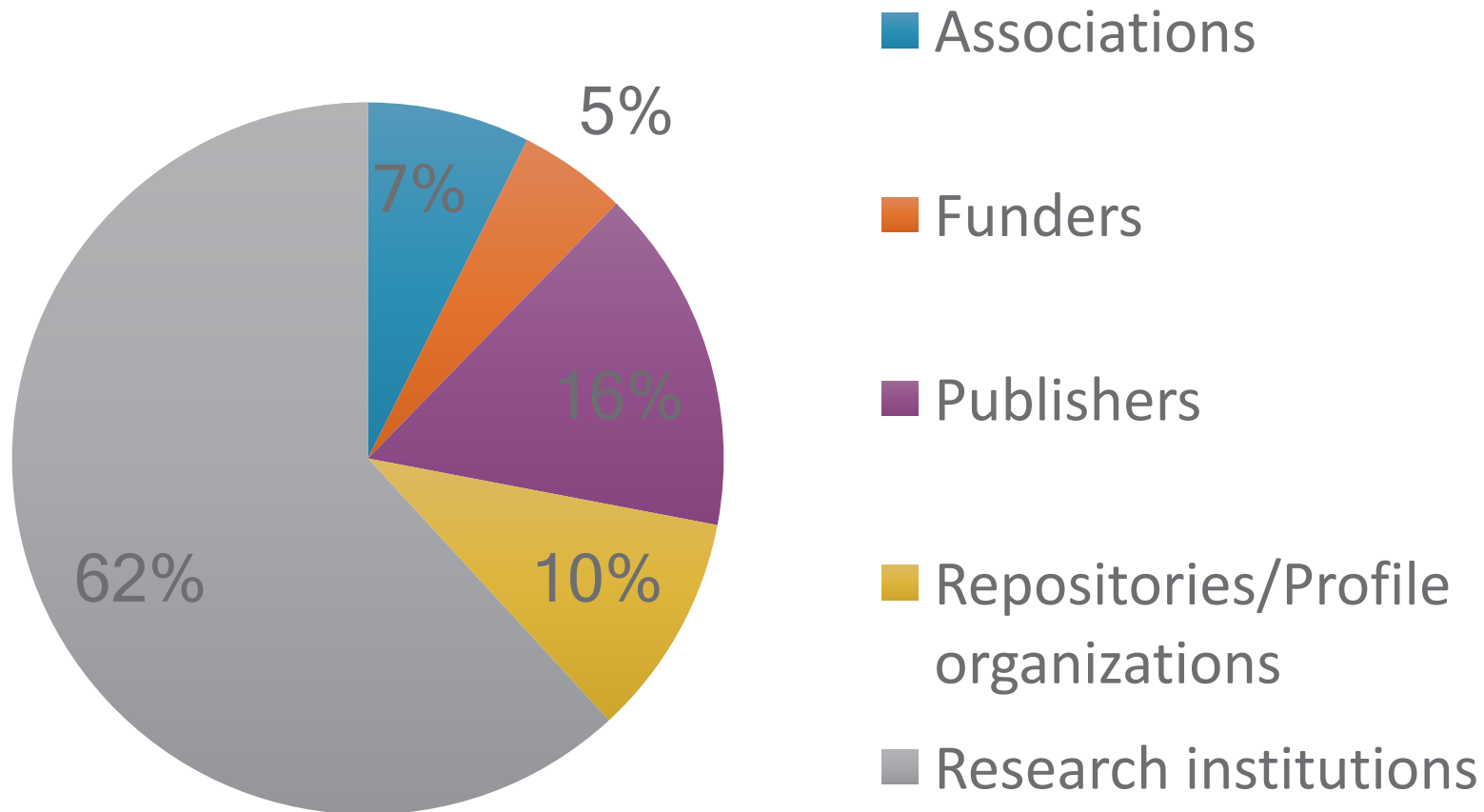
ORCID is a community effort



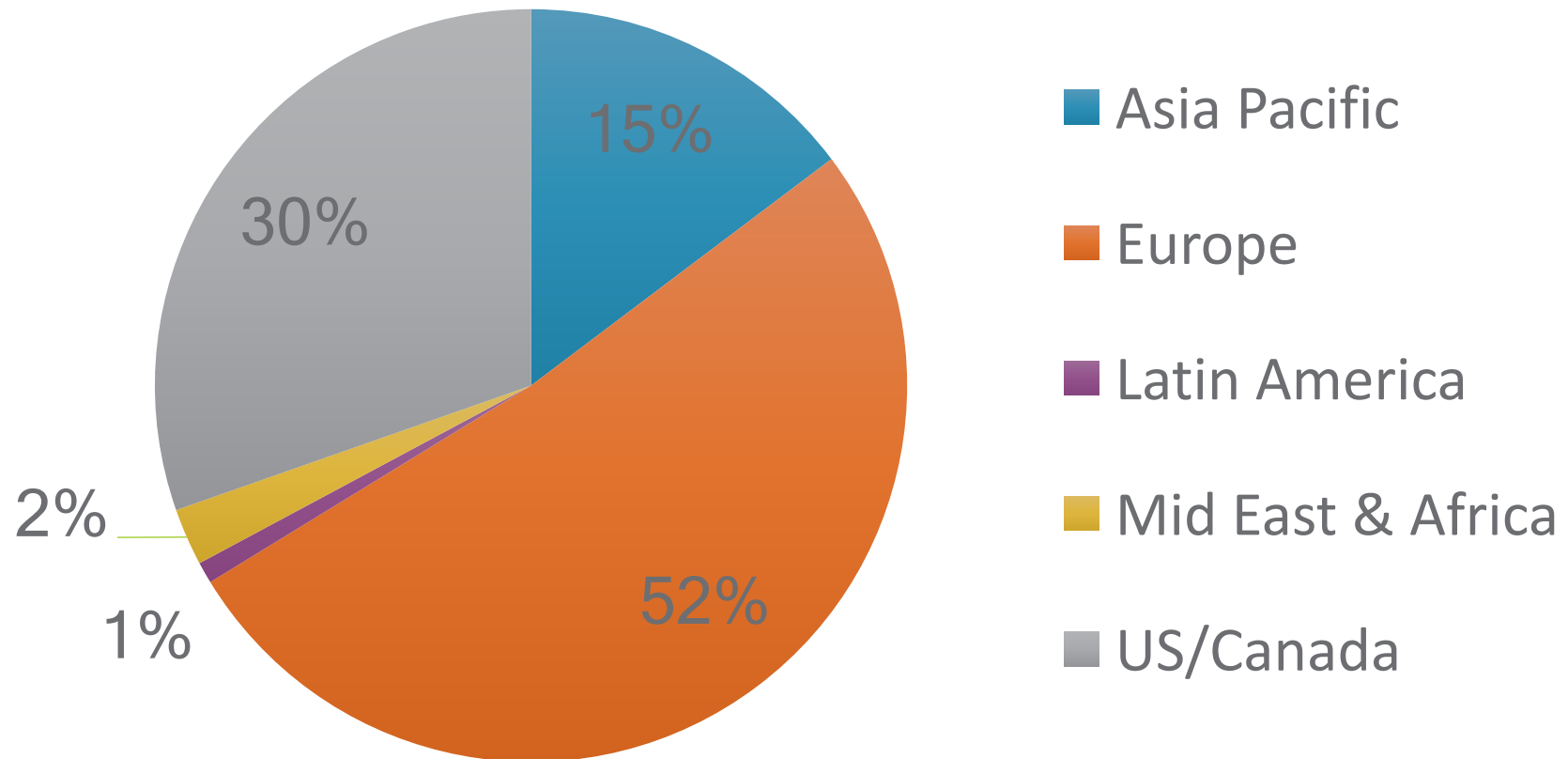
# THE ORCID COMMUNITY

- Over 3.3 million researchers
- ~700 members from 39 countries, including national consortia in Australia, Belgium, Canada, Denmark, Finland, Germany, Italy, the Netherlands, New Zealand, Taiwan, the UK and 4 regional consortia in the US
- Over 250 integrations in each sector of the research community

# INTEGRATIONS BY SECTOR



# INTEGRATIONS BY REGION



# CONNECTED ARTICLES

There are now 5m @webofscience records with associated @ORCID\_Org iDs! #ORCID15

11:08pm · 3 Nov 2015 ·



**Europe PMC Updates**

@EuropePMC\_news

Follow

What a milestone! Over 2 million articles in #EuropePMC now associated with one or more ORCIDiDs [europepmc.org /search?query=A ...](http://europepmc.org/search?query=A...)

RETWEETS  
**11**

LIKE  
**1**



1:58 AM - 5 Nov 2015



And @ElsevierConnect have c3m records with links to @ORCID\_Org! #ORCID15

11:13pm · 3 Nov 2015 · Twitter for iPhone



# PUBLISHER REQUIREMENTS

THE  
ROYAL  
SOCIETY

Publishing blog

Other  
publishers  
requiring  
ORCID iDs in  
2016: PLOS,  
eLIFE,  
Science,  
Hindawi,  
IEEE, AGU...

## From January you'll need an ORCID

7 December 2015 by [Phil Hurst](#)

*Mandating the use of Open Researcher and Contributor ID (ORCID) by submitting authors.*

**ORCID** provides a unique identifier for all researchers that can be linked to their different research works and activities across multiple platforms. It also serves to distinguish authors with similar names and simplify searching of publications databases (such as PubMed, Scopus, etc.) to avoid retrieving articles by authors with similar names. Close to 1.8 million researchers have already created their ORCID iD. The service is non-profit and community driven.

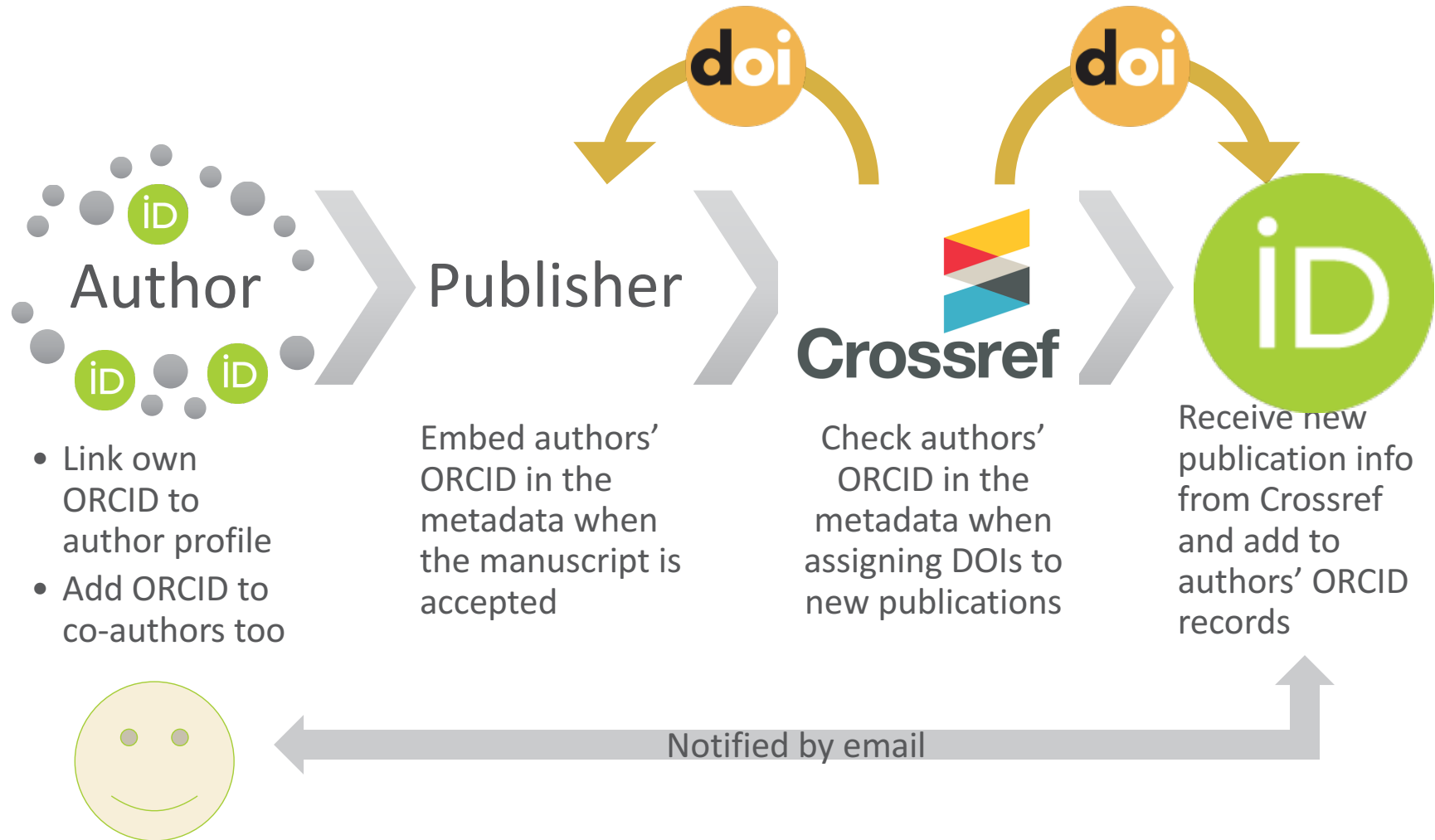


From 1 January 2016, we will require the submitting author to provide an ORCID identifier as part of the manuscript submission process. Details of the practicalities will be provided shortly, but don't worry, it takes less than a minute to register for an ORCID iD and it's free of charge. A [recent survey](#) carried out by ORCID indicates strong support in the research community for mandates by publishers, funders, and universities.





# ORCID AUTO-UPDATE



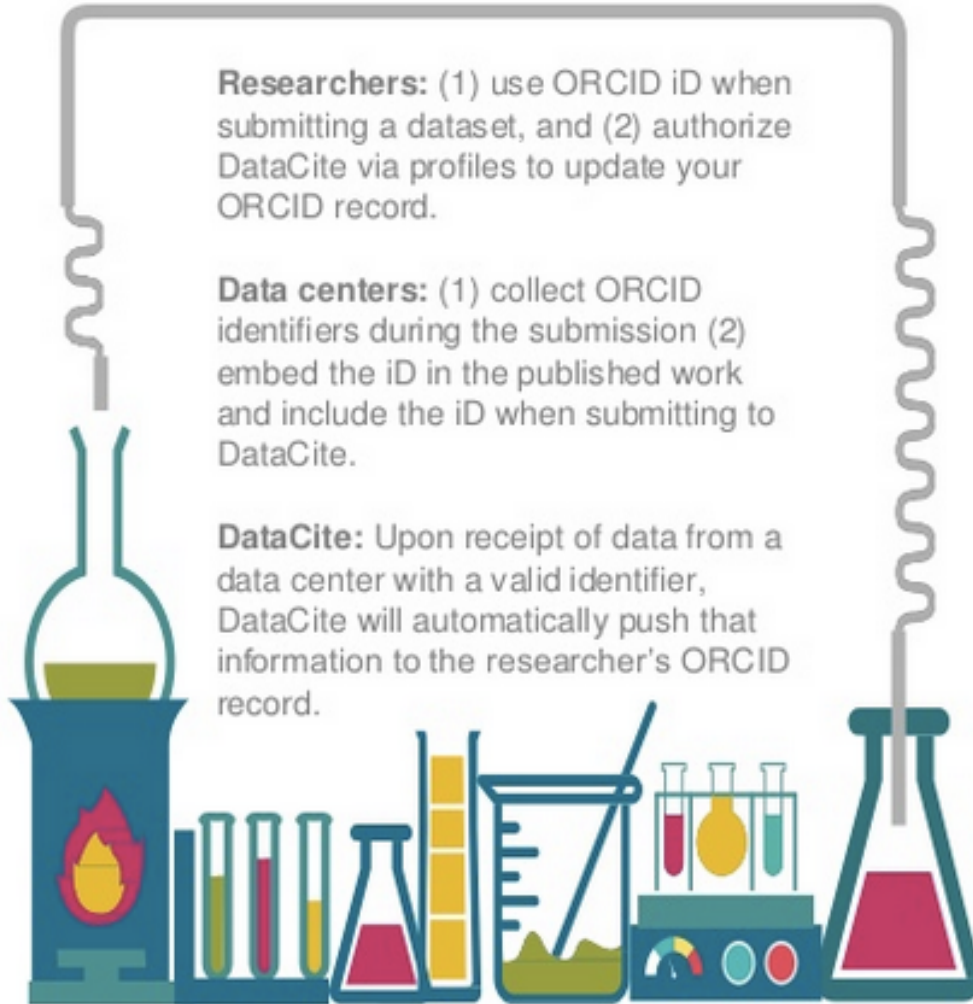
# AUTO-UPDATE FOR DATA

## DataCite's auto-update steps

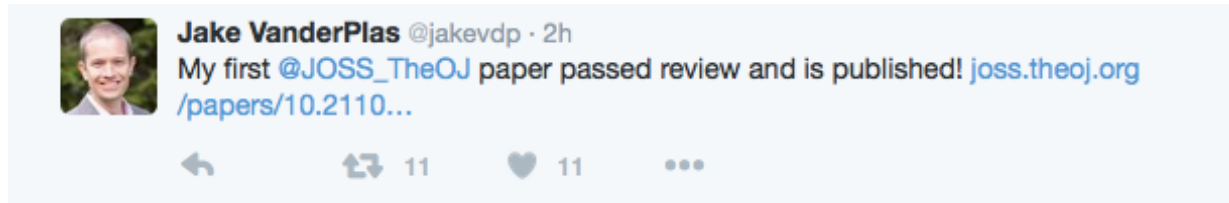
**Researchers:** (1) use ORCID iD when submitting a dataset, and (2) authorize DataCite via profiles to update your ORCID record.

**Data centers:** (1) collect ORCID identifiers during the submission (2) embed the iD in the published work and include the iD when submitting to DataCite.

**DataCite:** Upon receipt of data from a data center with a valid identifier, DataCite will automatically push that information to the researcher's ORCID record.



# AUTO-UPDATE IN ACTION



**Jake VanderPlas** @jakevdp · 2h  
My first @JOSS\_TheOJ paper passed review and is published! [joss.theoj.org/papers/10.2110...](http://joss.theoj.org/papers/10.2110...)

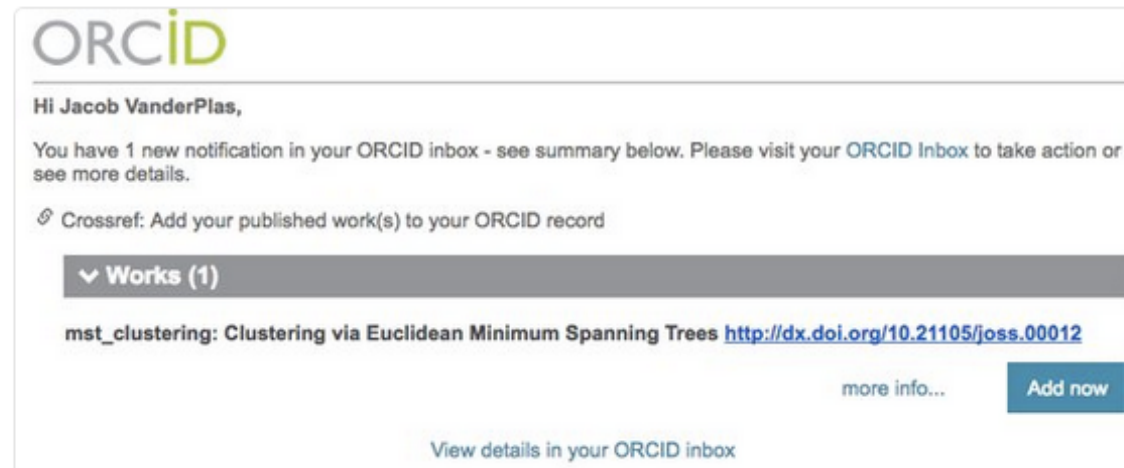
Retweets: 11, Likes: 11



**Jake VanderPlas**  
@jakevdp

Follow

Wow... that was fast! @ORCID\_Org  
@JOSS\_TheOJ



**ORCID**

Hi Jacob VanderPlas,

You have 1 new notification in your ORCID inbox - see summary below. Please visit your ORCID Inbox to take action or see more details.

🔗 Crossref: Add your published work(s) to your ORCID record

▼ Works (1)

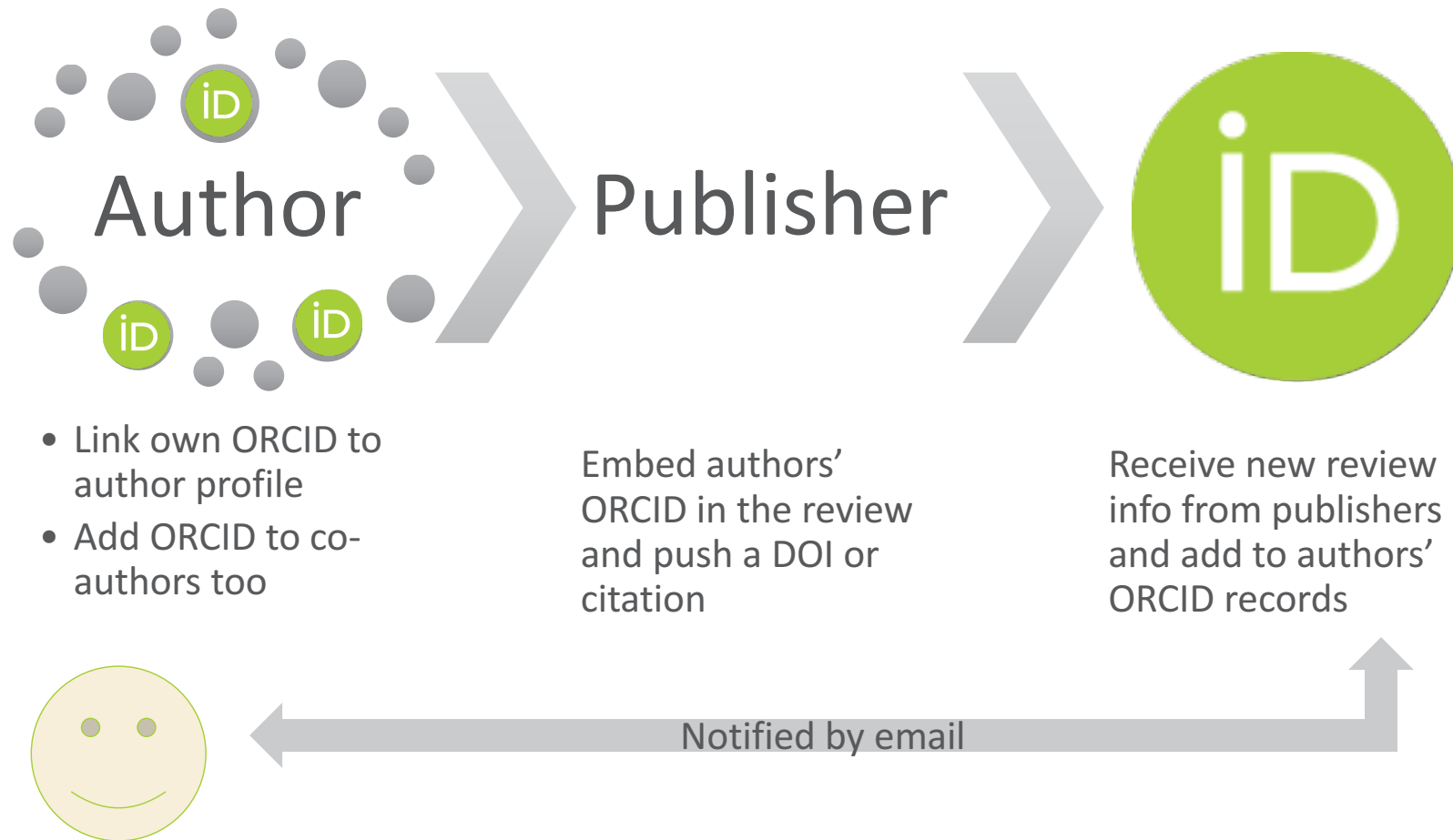
mst\_clustering: Clustering via Euclidean Minimum Spanning Trees <http://dx.doi.org/10.21105/joss.00012>

more info... [Add now](#)

[View details in your ORCID inbox](#)



# PEER REVIEW WORKFLOW



The ability to uniquely identify contributors is a deceptively simple concept which, if realised, could enable forms of real-time understanding of scientific research that up to now have been extremely costly (if not impossible).

--Jonathan Kram, Wellcome Trust



# FUNDERS

National funding agencies are using ORCID in their grants management systems including the National Research Foundation (ZA) National Institutes of Health (US), Research Councils UK, and the Australian Research Council.

**Box 2. Funder Mandates.** These funders are requiring use of ORCID by researchers.

- **Autism Speaks, USA (2014)**
- **FCT, Portugal (2014)**
- **QNRf, Qatar (2014)**
- **SRC, Sweden (2014)**
- **Department of Transportation, US (2015)**
- **NIHR, UK (2015)**
- **Wellcome Trust, UK (2015)**
- **FWF, Austria (2016)**



Spend more time making  
contributions and less time  
managing them

[orcid.org/register](https://orcid.org/register)



Enter Once | Reuse Often

