

Scholarly Identity: Distinguish Yourself and Your Research

Solving Author Name Ambiguity

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Outline

- author name identification problems
- from many to one author identifier
 - Web of Science Research ID (RID)
 - Scopus Author ID
 - PubMed sciENcv
 - ORCID ID
- what happens if nothing is done?

Author Name Disambiguation has been a problem for several decades and will continue to be problematic due to the increase in publications and rate of publication. In addition, there has been an increase in globalization of research and science, especially the surge of research programmes over the last decade or so in countries such as China and Korea.



Author Name Disambiguation (AND)

Author Name Ambiguity Issues

- data entry errors
- name changes
- transliteration
- disparate citation formats
- lack of standards enforcement
- imperfect citation gathering & retrieval software
- abbreviations of publication titles
- increase in the number of publications & niche publications
- increase research programmes & new areas of research

Example: Common Name / Increased Research (PubMed)

- 2. [Effects of high hydrostatic pressure treatment on the enhancement of functional components of germinated rough rice \(*Oryza sativa* L.\)](#)
Kim MY, Lee SH, Jang GY, Park H, Li M, Kim S, Lee YR, Noh YH, **Lee J**, Jeong HS.
Food Chem. 2015 Jan 1;166:80-92. doi: 10.1016/j.foodchem.2014.05.150. Epub 2014 Jun 7.
PMID: 25053032 [PubMed - in process]
[Related citations](#)

Park, Kim & Lee Most common Korean family names. Account for almost 50% pop.

Lee J Most common Korean last name and 1st initial. In PubMed Lee J represents 500 unique individuals (Strotmann and Zhao 2012)

- 2. [Quantitative Trait Loci for Thermal Time to Flowering and Photoperiod Responsiveness Discovered in Summer Annual-Type *Brassica napus* L.](#)
Nelson MN, Rajasekaran R, **Smith A**, Chen S, Beeck CP, Siddique KH, Cowling WA.
PLoS One. 2014 Jul 25;9(7):e102611. doi: 10.1371/journal.pone.0102611. eCollection 2014.
PMID: 25061822 [PubMed - as supplied by publisher]
[Related citations](#)

Smith A Most common Western last name and 1st initial. In PubMed Smith A represents 100 unique individuals.

Example: Errors / Changed Name (Scopus)

Scopus

Search | Alerts | My list | Settings

To display profile matches with one document at the top of your list, sort your results list by "Docu

Author last name "st clair", Author first name "c" [Edit](#)

29 of 29 author results [Hide Profile Matches with One Document](#) | [About Scopus Author Idei](#)

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Source Title

- Auk (3)
- Ecological Applications (2)
- Conservation Biology (2)
- Canadian Journal of Zoology (2)
- Animal Behaviour (2)

Affiliation

- St. Clair, Daniel C.
 - 1 St. Clair, Daniel
 - St. Clair, Dan
 - St. Clair, D.

- St. Clair, Colleen C.
 - 2 St. Clair, Colleen Cassady
 - St Clair, Colleen Cassady
 - St Clair, Colleen Cassady St.

- St. Clair, Colleen Cassady
 - 3 St Clair, Colleen Cassady
 - St. Clair, Colleen C.
 - St. Clair, C. C.

St. Clair Errors in data entry, eg St. Clair or Cassady St. Name submitted by a co-author may have errors. Changing or hyphenating your name after marriage is problematic.

Note: Corrections can be sent to Scopus

From Many Author Identifiers to ...



Impactstory

Scopus

PubMed

The
**Dataverse
Network™**
Project



A Web Application for Publishing, Citing,
Analyzing and Preserving Research Data

Google scholar



figshare
credit for all your research



THOMSON REUTERS
WEB OF KNOWLEDGE™

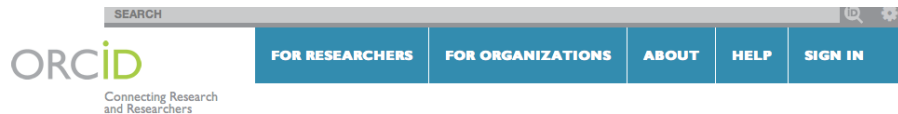
ResearchGate



Academia.edu
share research

crossref

...One Author Identifier



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ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized. [Find out more.](#)

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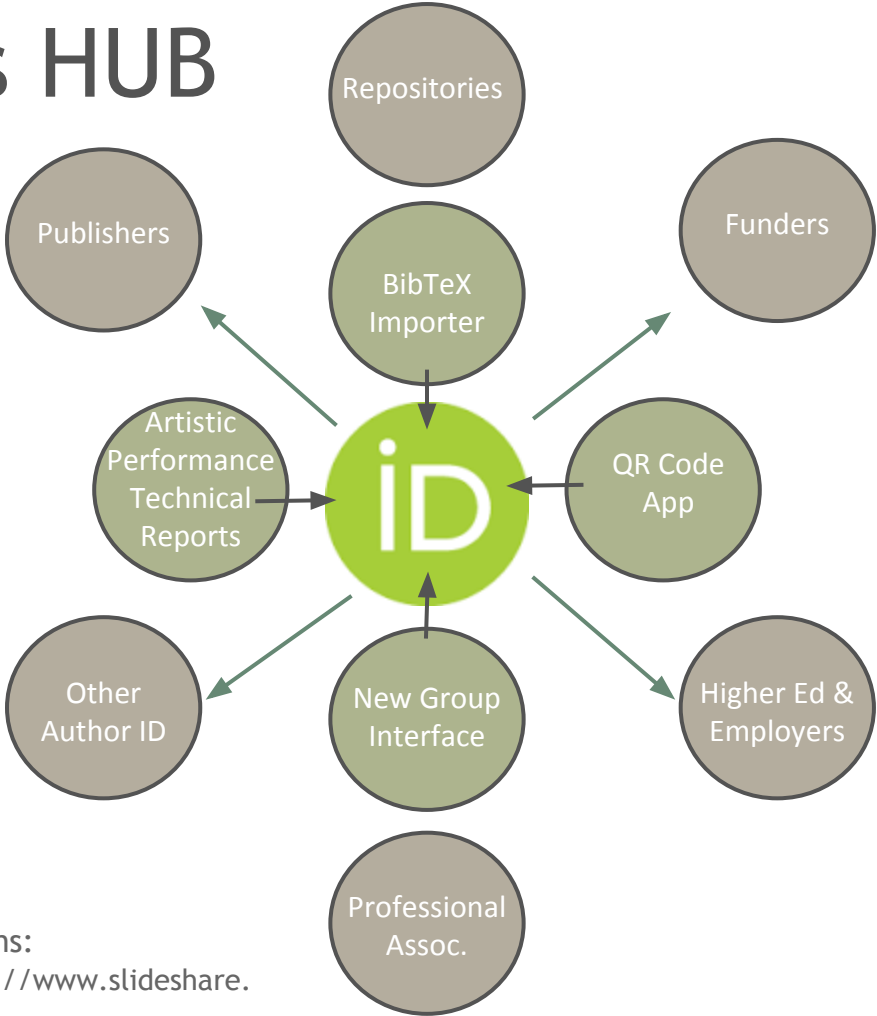
1 million registered authors (Nov 2014)

61 Retweets
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It's official! 1M of you have an ORCID ID! We thank the community, and look forward to continued collaboration.

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ORCID
thank you!
ID 2014

61 25

ORCID iD as HUB



Create an ORCID iD
Import your citations with BibTeX.
Include any/all of your scholarly works, eg invited speaker, patents, clinical guidelines, technical reports etc

ORCID is being endorsed by publishers, repositories, funding agencies, universities, professional assoc., other author identifying systems

Adapted from ORCID Status and Plans:
Tokyo Outreach Meeting 2014 <<http://www.slideshare.net/ORCIDSlides>>

The Next Step ...

1. Register for an [ORCID ID](#) (Open Researcher and Contributor ID)
2. Ensure your name is correct
 - identify where your publications are indexed (Scopus, Web of Science, arXiv, etc)
 - register as users in appropriate databases and get author id's:
[Web of Science](#), [Scopus](#), [arXiv](#)
WoS - [ResearcherID](#)
Scopus - [Scopus AuthorID](#)
PubMed - sciENcv
 - send author name corrections if needed
3. Link your corrected ResearcherID, Scopus ID to ORCID ← important

What happens if you do nothing?

- your research won't be discovered by other researchers, professionals, institutions, publishers, and funding agencies
- it can impact tenure and advancement, research funding, find collaborators
- it can increase the potential for intellectual property fraud; authors with similar names can claim your work
- potential to harm the credibility of your research that impacts the development of professional/industry guidelines, protocols, and outcomes

Questions or comments?

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