What's in a name: the role of Scopus Author IDs

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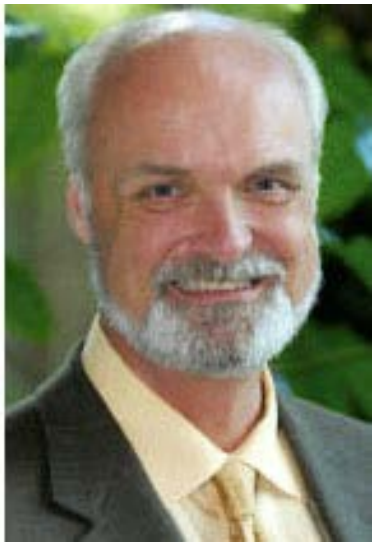
July 2015

Empowering Knowledge

Content

- Context and introduction
- Five reasons to use and maintain Scopus Author Profile
    1. Auto-generated ID + profile
    2. ORCID integration
    3. International data provider – used by ranking organizations, funding organizations for funds allocation and research performance analysis
    4. Sophisticated author profile
    5. Supreme API functionality
- Summary

On the mark



- Stephen Abram (Well-known library executive, consultant and blogger)
- 7 library research support service trends from 2014

#1 Creating the academic digital identity or profile

#2 Bibliometrics / Impact management

#3 Academic integrity and plagiarism

#4 Research data

#5 Publication support (including hosting and where to publish)

#6 Research tools and apps

#7 Technology-lending

Blogpost: Stephen's lighthouse, http://stephenslighthouse.com/2015/01/27/23455/

Libraries are doing this by …

Providing support for good citation management - giving guidance on how to use the correct digital identifiers such as Scopus Author ID and ResearcherID.

The 7 Habits of Highly Effective Research Communicators

Das, Anup Kumar (2014)

#1 Create your unique author ID, an identifier for global researchers engaged in academic research

#2 Create your own researcher profile in a dedicated website or personalized webpage and provide up-to-date information about your scholarly research works

#3 Create a researcher profile in academic social networks.

#4 Share your published works in OA repositories, and also in academic social networks

#5 Create your profile in Google Scholar Citations and regularly track citations of your published papers

#6 Participate in email-based discussion forums in your specialized area and discuss your research ideas or works in progress

#7 Make use of free online citation and reference managers

Why is a researcher's author name important?

- Discoverability / visibility
- Attribution
- Evaluation of an author's productivity and impact
- Simplified institutional / national research management
- Richer cross-referencing
- Publication submission process

What are the main issues concerning author names?

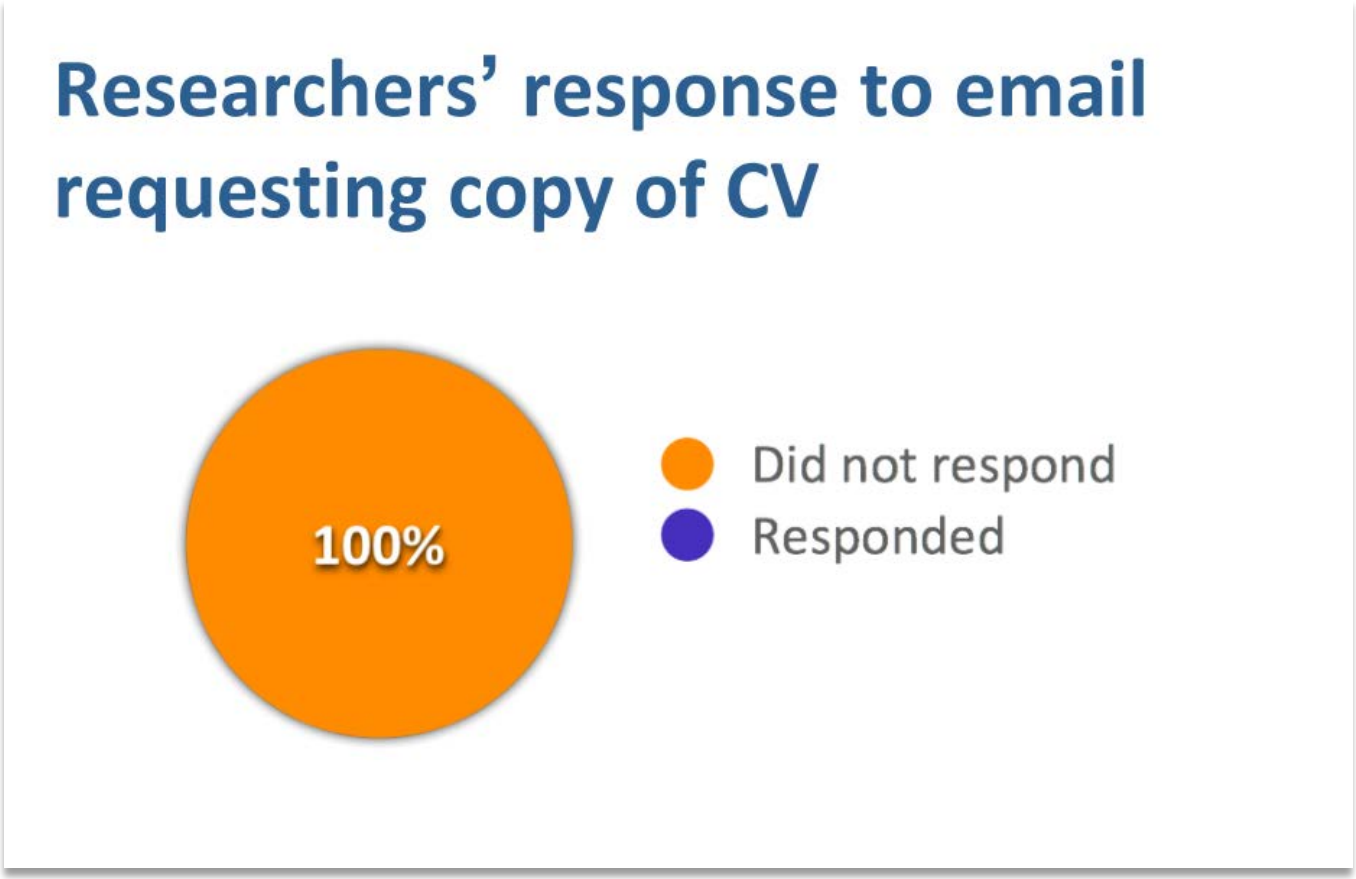
- Name ambiguity
  - **Commonality** e.g. Smith, Jones, Lee, Van der Merwe
  - **Name variation** e.g.
    - Smith J;
    - Smith, John
    - John A. Smith
    - Smith JA
    - John Allen Smith
  - **Name changes** e.g. Marriage/Divorce; Religious conversion; Gender reassignment
  - **Transliteration** e.g. Differences in alphabet
    - Asian languages, Russian, Arabic, etc.
    - Name structure may differ from English

Solution – unique author identifier

- Three important aspects
  - **Identity** – a unique number sequence is used to identify a scholarly author by registration or assigned when he/she publishes a work
  - **Profile** – Biographic and bibliographic information associated with the identifier adds value and creates a profile of the author
  - **Verification** – Both authors and users of identifier systems must be able to rely on the system. This is best accomplished in systems that use self-claims and external sources e.g. publisher-based.

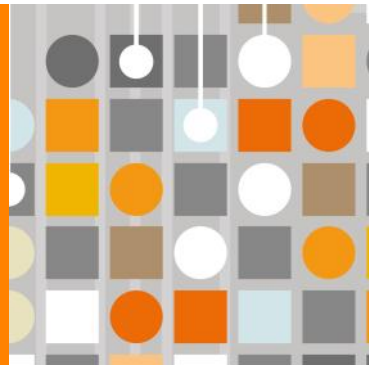
See also: Fenner, M. Gobbledygook Blog. Author Identifier Overview July, 18 2015
http://blogs.plos.org/mfenner/author-identifier-overview/

Dilemma – asking researchers to create/maintain profiles



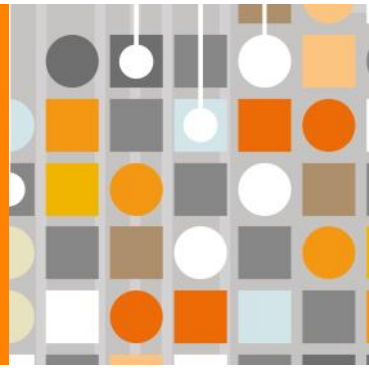
ELSEVIER

SCOPUS AUTHOR PROFILE

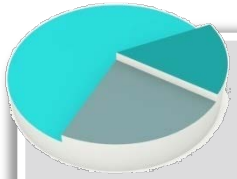


Empowering Knowledge

1. Auto-generated profiles



The Universe of Research



The most powerful **ALGORITHMIC** data processing in the industry

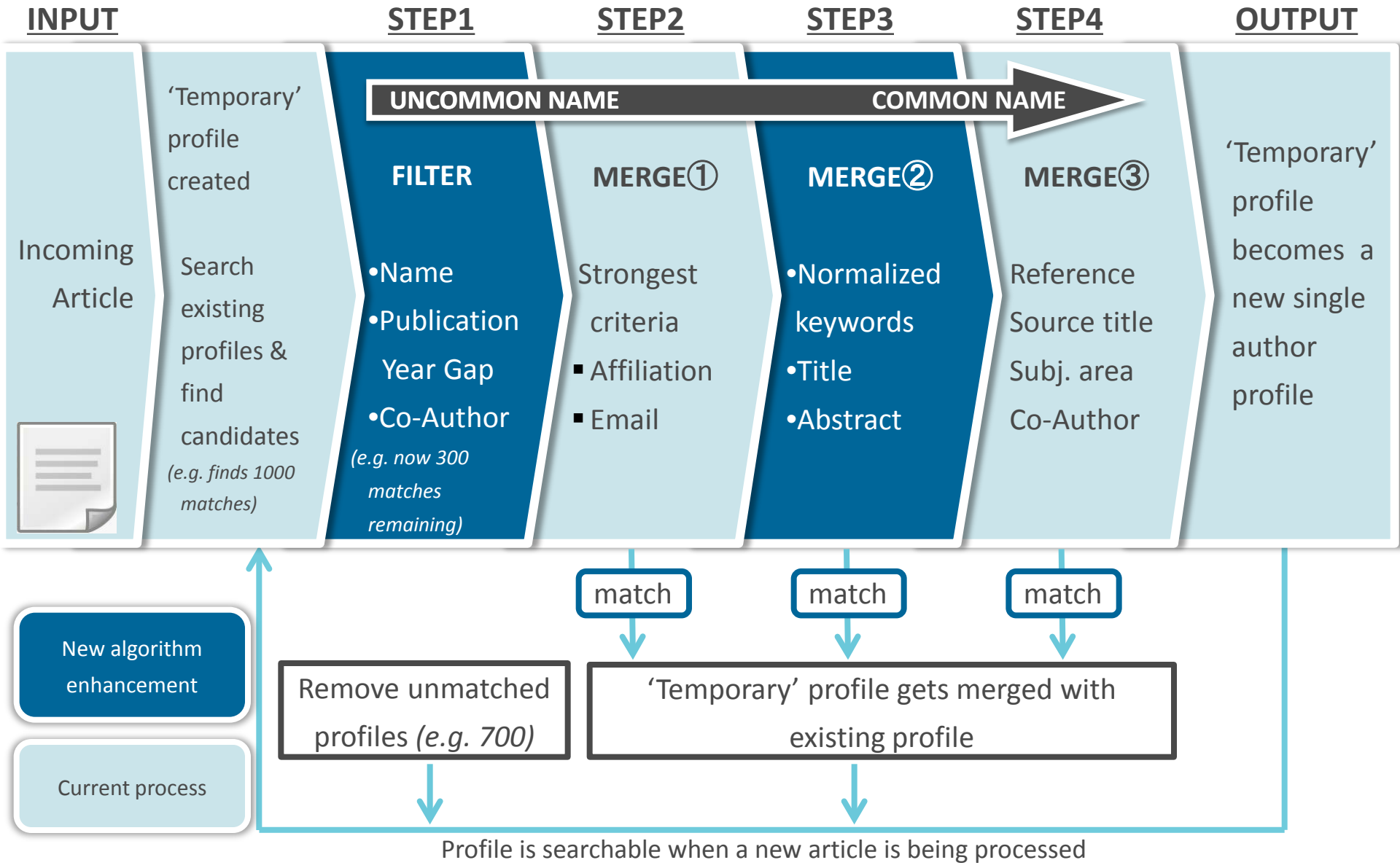
Groups papers to a profile with high degree of accuracy based on matching of name, email, affiliation, subject area, citations, co-authors,...

MANUAL feedback via the Author Feedback Wizard

Combines the starting point from the algorithm profiles and the manual feedback to **create the most accurate profiles with the least effort.**

Scopus Author Profiles

An algorithm processes every new article…



Why do we need feedback (in some cases) to get to 100% accuracy of profile?

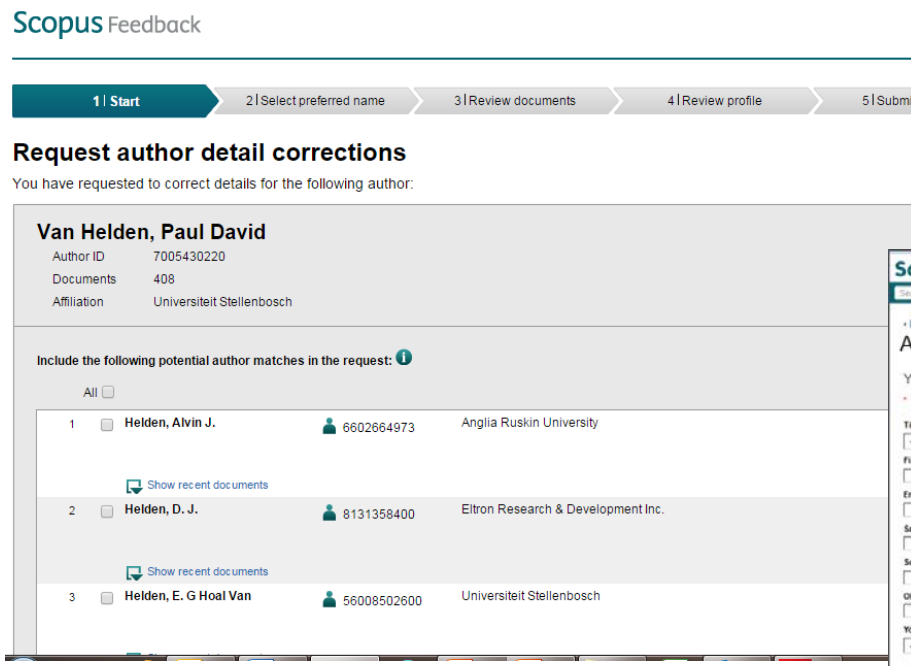
- Variations in input metadata received from publishers
- Authors with high frequency names publishing in same fields, same institution and same department
- Author changing the field in which they publish
- Author moving to a different affiliation
- Women changing last name upon marriage
- Author publishing with a new name variant
- Variation in affiliation name: University of the Free State (English) and Vrystaat Universiteit (Afr)
- NB! Important to be consistent!

Author Profiling Corrections

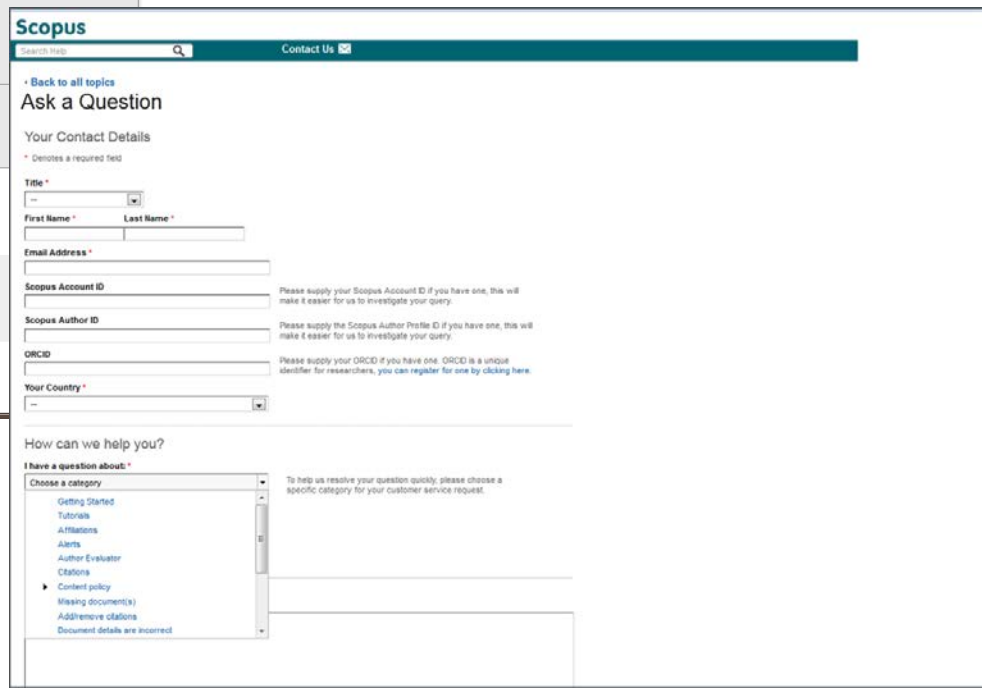
- **Types of Corrections**
  - **Merges** (combining two or more author profiles together and updating associated Scopus articles as well)
  - **Splits** (separating articles from one author profile to another author profile (existing or new one))
  - **Detail mistakes** (changing name, email of author profile)
  - Add **missing content** - based on Scopus Content Coverage guidelines

NB! Requests to update author's affiliation isn't allowed as affiliation history in an author profile is built based on articles linked to respective author profile.

Feedback forms for end-users

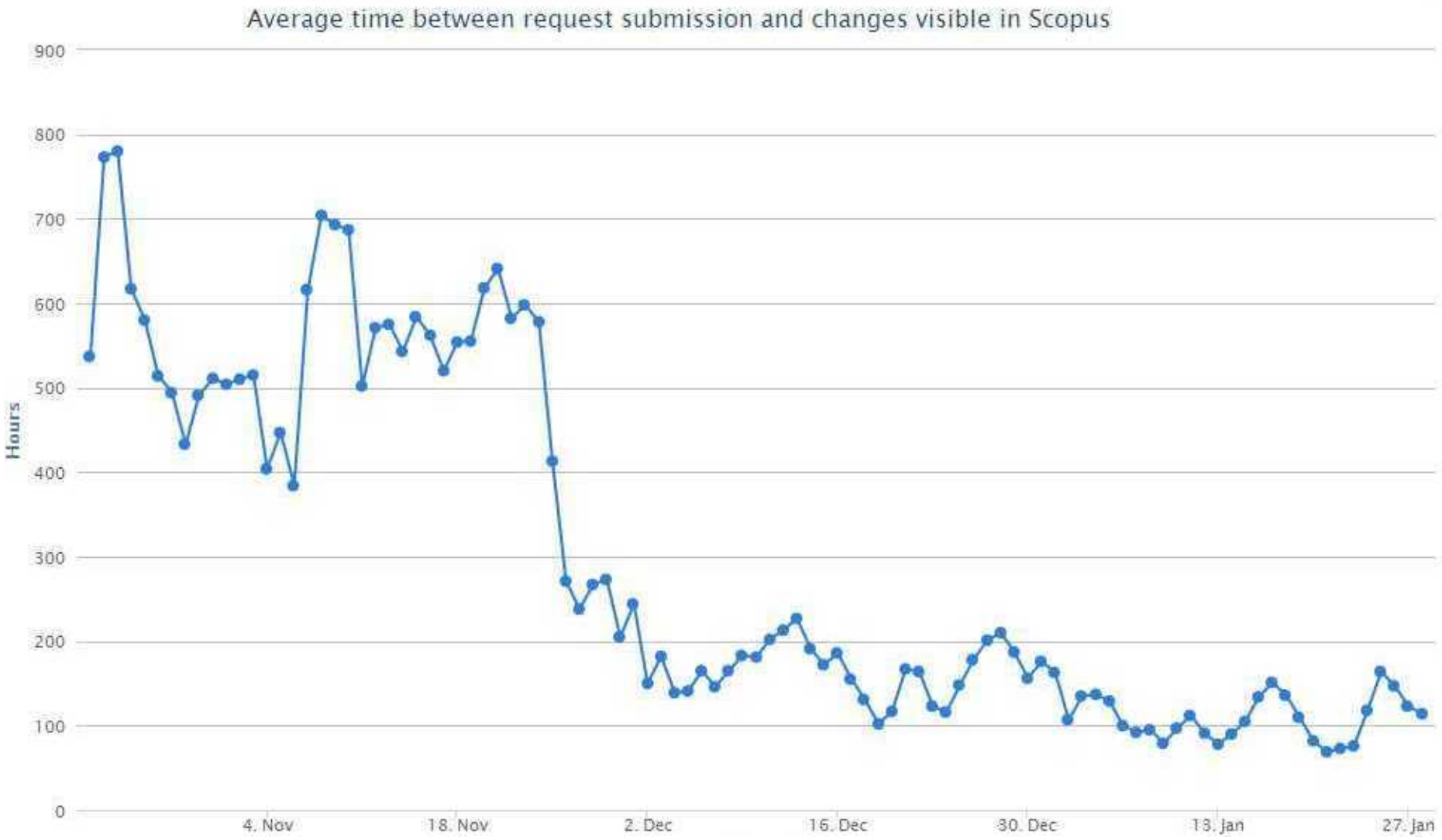


For simple merges and splits:
www.scopusfeedback.com
Turnaround time: 36 hours

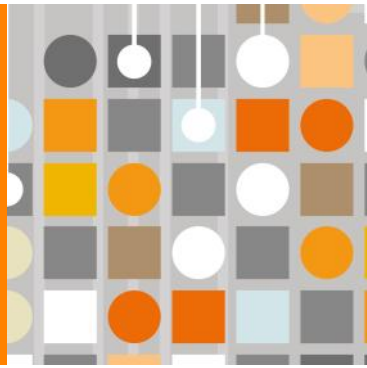


Detail corrections or missing content:
Help & Contact > Contact us

Faster and friendlier corrections due to technology enhancements

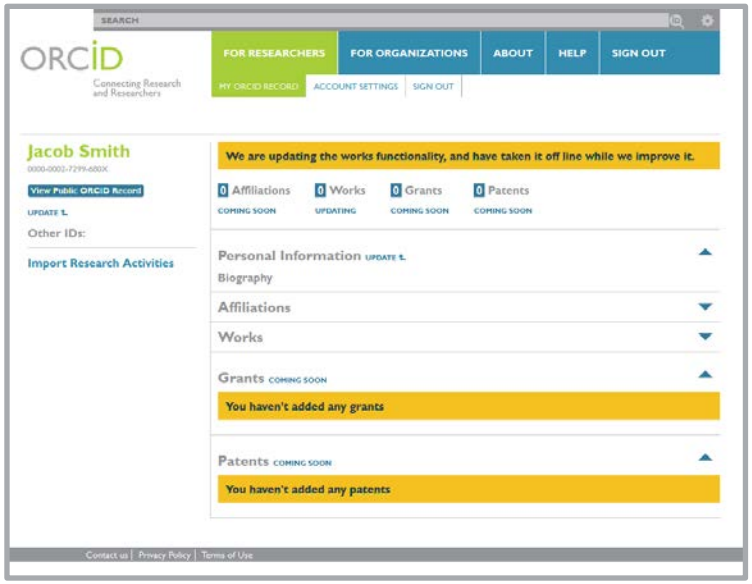


2. Open Researcher and Contributor ID (ORCID) integration



What is the solution? ORCID!

ORCID, the Original Researcher Contributor ID, 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.



Dr. Smith
Dr. J. Smith
Dr. James Smith

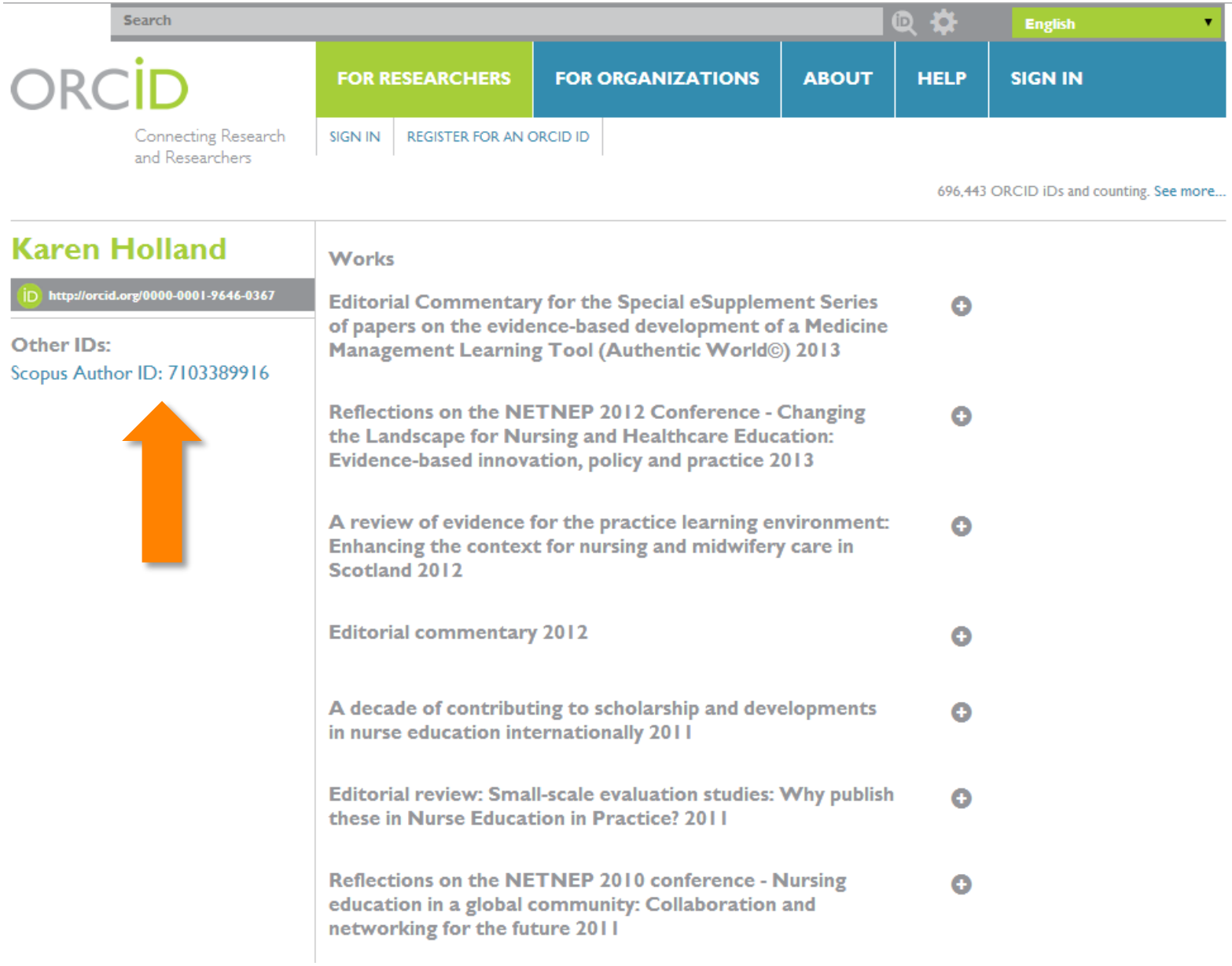
Dr. James Smith
46533489

How is Elsevier involved with ORCID?

- **Elsevier is one of the industry sponsors of the ORCID initiative, and has representation on the Board**
- **EES (EVISE), Elsevier Editorial System, has integrated with ORCID to capture (and assign) ORCIDs at the time of submission**
- **Scopus allows users to import papers from Scopus to ORCID (or vice versa) and has other functionality related to ORCID**
  - *Add to ORCID* is on Author Profile page
  - *ORCID* appears on Author Profile page
  - *Search on ORCID*
  - *Corrections are relayed to Scopus*

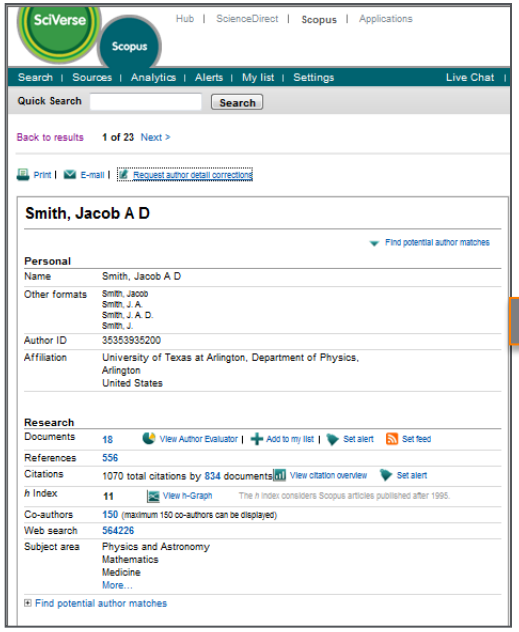
Three main goals:

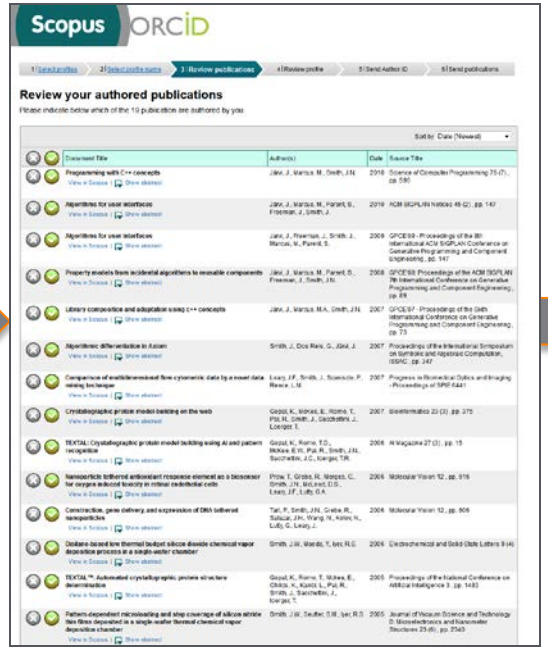
- Ensure **interoperability** between ORCID and Scopus Author ID
- Ensure ORCID data **enhances the quality of Scopus author profiles**
- Enable use of ORCIDs **during Manuscript submission**

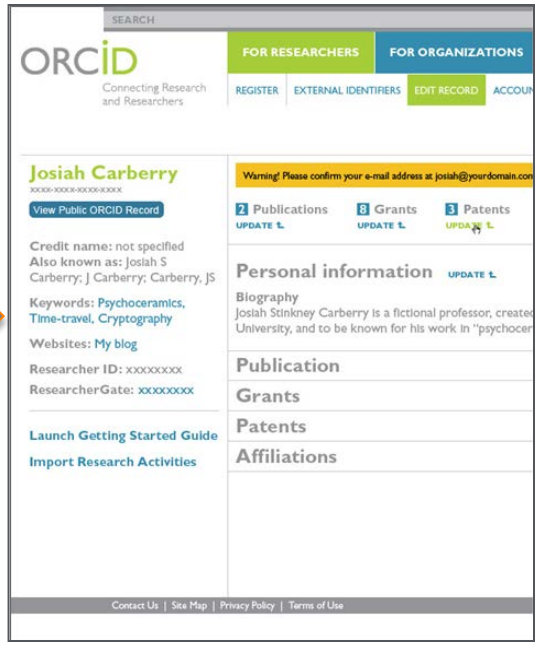

Search
English
ORCID
Connecting Research and Researchers
FOR RESEARCHERS
FOR ORGANIZATIONS
ABOUT
HELP
SIGN IN
SIGN IN
REGISTER FOR AN ORCID ID
696,443 ORCID iDs and counting. See more...
Karen Holland
http://orcid.org/0000-0001-9646-0367
Other IDs:
Scopus Author ID: 7103389916
Works
Editorial Commentary for the Special eSupplement Series of papers on the evidence-based development of a Medicine Management Learning Tool (Authentic World©) 2013
Reflections on the NETNEP 2012 Conference - Changing the Landscape for Nursing and Healthcare Education: Evidence-based innovation, policy and practice 2013
A review of evidence for the practice learning environment: Enhancing the context for nursing and midwifery care in Scotland 2012
Editorial commentary 2012
A decade of contributing to scholarship and developments in nurse education internationally 2011
Editorial review: Small-scale evaluation studies: Why publish these in Nurse Education in Practice? 2011
Reflections on the NETNEP 2010 conference - Nursing education in a global community: Collaboration and networking for the future 2011

Scopus2ORCID: Easy ORCID Set Up

orcid.scopusfeedback.com







Enter via Scopus2ORCID Wizard or from ORCID

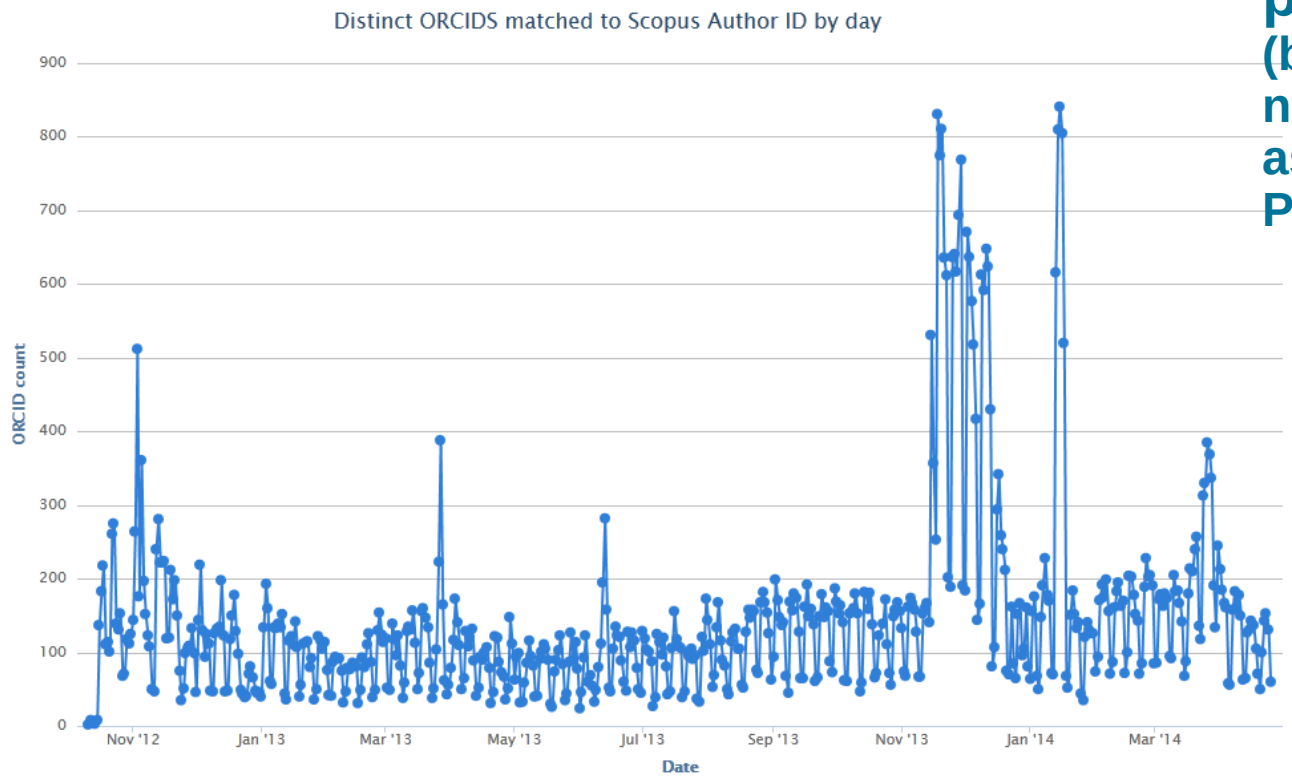
ORCID.org

Scopus ORCID

Statistics

This page shows usage statistics of the Scopus 2 ORCID wizard, these stats are updated every 24 hours. The last update was 0 minutes ago.

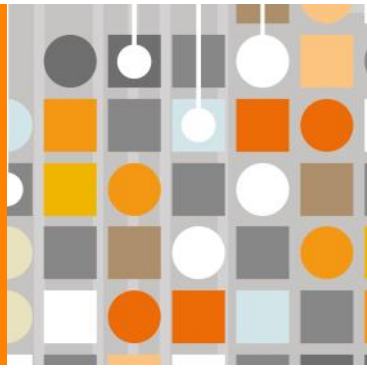
Total number of distinct ORCIDs in the database:	**64,674**
Number of distinct ORCIDs that were matched to a single Scopus Author ID:	**63,608**
Total number of works submitted to distinct ORCIDs:	**1,950,536**
Total number of distinct works submitted to distinct ORCIDs:	**1,673,613**



And Scopus is helping to populate ORCID profiles
(big jumps are from national assessments in Portugal)

Retrieved: 25 April 2014

3. International Data Provider



Leading organisations rely on Scopus

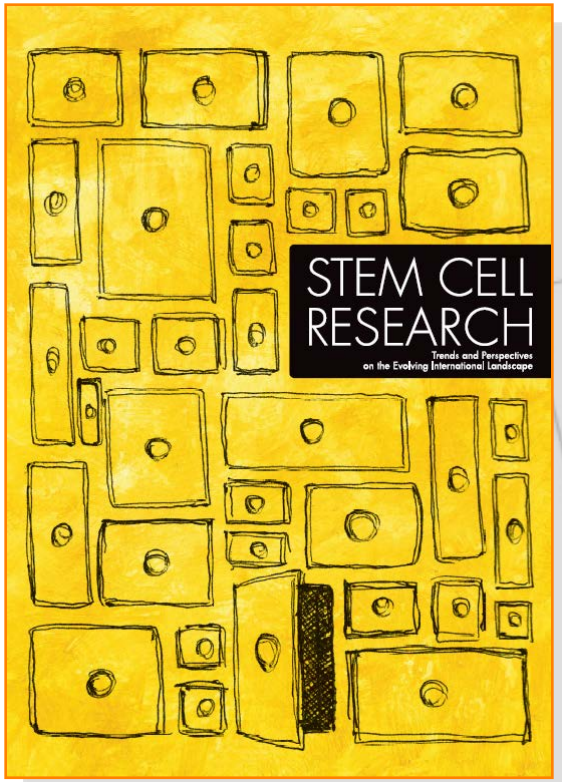
Australian
Research
Council

150 funding bodies use Scopus data

University ranking organisations use Scopus

Ranking Agency	Type of Ranking	Period
Times Higher Education	• World University Ranking • Regional Rankings • Reputation Ranking	2014-2019
QS	• World University Rankings • Regional rankings	2015-2025
US News & World Report	• Arab Region Ranking	2014-2017
ShanghaiRanking Consultancy	• Mainland China Ranking • Top Cited Researchers • Subject specific global ranking	2015-2020
Maclean's	• World University Ranking	2015-2017
Financial Times	• MBA Ranking	
Frankfurter Allgemeine Zeitung	• German Economists Ranking	

Research assessments are performed based on Scopus data



For an overview of all custom reports, see: http://info.scival.com/resource-library

4. Sophisticated author profile

Lastname, Firstname

About Scopus Author Identifier | View potential author matches

Author primary affiliation, City, Country

Author ID: 26427981500

orcid.org/0000-0002-8860-7565

Other name formats: Browning, J. Paul
Browning, J.P.
Browning, James
Browning, James P

Documents: 22

Citations: 39 total citations by 33 documents

h-Index: 3 The *h index* considers Scopous articles publised after 1995.

Co-Authors: 55

Subject area: Engineering, Computer Science, Social Sciences, Mathematics

View author evaluator

View citation overview

View h-Graph

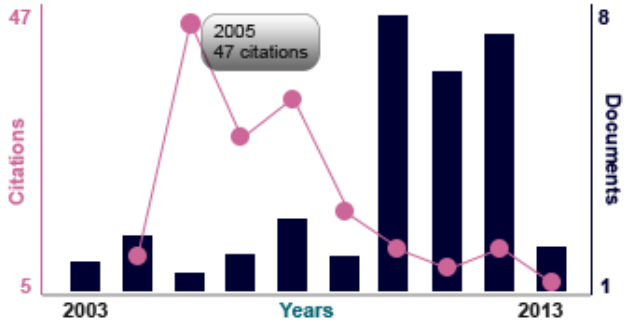
Follow this author

Receive emails when this author publishes new articles

Get citation alerts

Add to ORCID

Request author detail corrections



22 Documents | Cited by 33 documents since 1996 | 55 Co-authors

22 documents View in search results format Sort on: Date (newest) Cited by

Export all | Add all to My list | Set document alert | Set document feed

Title font, author name, affiliation name	Yu, J., Wang, S., Ge, L., Ge, S.	2012	Biosensors and Bioelectronics	
A novel chemiluminescence paper microfluidic biosensor based on enzymatic reaction for uric acid determination	Yu, J., Wang, S., Ge, L., Ge, S.	2012	Biosensors and Bioelectronics	56 Cited by

Show abstract

Display 20 results per display

Page 1

Back to results | < Previous 2 of 18 Next > Top of page

Author history

Publication range: 2008 - 2013

References: 438

Top published sources:

2008 OEEE Radar Conference. RADAR 2008

IEEE Communications Letters View documents

2010 International Waveform Diversity and Design Conference, WDD 2010

View more

Show related affiliations

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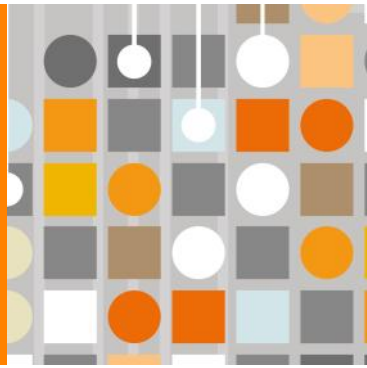
5. Superior integration with Institutional Repository through API



Use Author Retrieval API to enhance IRs

- Author profiles have a lot of metadata associated to it which is valuable for Institutional Repositories
- By using API queries based on author id, you can return publication and citation information which you can use in the Institutional Repository
- Author Retrieval API – based on Scopus author profile

Read all about it: http://dev.elsevier.com/

Summary

- A Unique identifier offers many advantages
  - Find collaborators, Get credit for scholarly activities, Collect publications, Showcase, Evaluate, Simplify workflow (publishers), Simplify submission (funders), Track funded research, Track achievements (scholarly societies)
- Scopus Author ID is particularly useful due to:
  - Auto-assigns unique ID
  - Groups publications
  - Allows manual correction
  - Has a strong link with ORCID to support interoperability and feeds back to Scopus
  - Scopus is an international data provider for funders, assessment organisations and ranking organisations
  - Scopus APIs use the Author ID to supplement data in Institutional Repositories

Thank you

l.schoombee@elsevier.com

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