

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

Lucia Schoombee

Customer Consultant Research Intelligence

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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



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

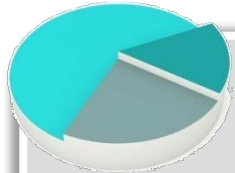
Researchers' response to email requesting copy of CV



SCOPUS AUTHOR PROFILE

1. Auto-generated profiles

The Universe of Research



The most powerful
ALGORITHMIC
data processing in the industry



MANUAL feedback via
the Author Feedback
Wizard



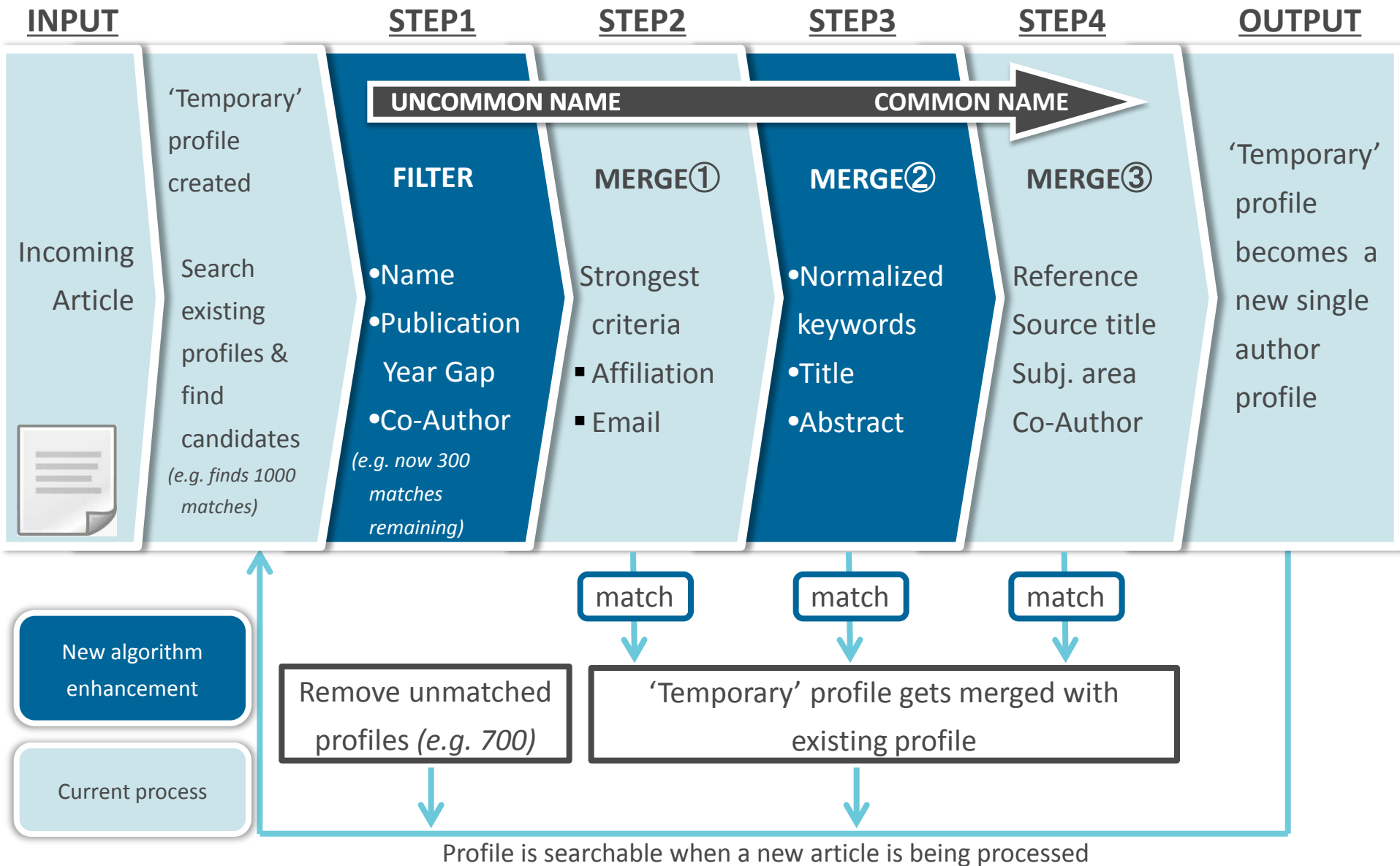
Groups papers to a profile with high degree of accuracy based on matching of name, email, affiliation, subject area, citations, co-authors,...

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

Scopus Feedback

1 | Start

2 | Select preferred name

3 | Review documents

4 | Review profile

5 | Submit changes

Request author detail corrections

You have requested to correct details for the following author:

Van Helden, Paul David

Author ID 7005430220
 Documents 408
 Affiliation Universiteit Stellenbosch

Include the following potential author matches in the request: ⓘ

All

- | | | | | |
|---|--------------------------|---------------------------------------|-------------|------------------------------------|
| 1 | <input type="checkbox"/> | Helden, Alvin J. | 6602664973 | Anglia Ruskin University |
| | | Show recent documents | | |
| 2 | <input type="checkbox"/> | Helden, D. J. | 8131358400 | Eltron Research & Development Inc. |
| | | Show recent documents | | |
| 3 | <input type="checkbox"/> | Helden, E. G Hoal Van | 56008502600 | Universiteit Stellenbosch |

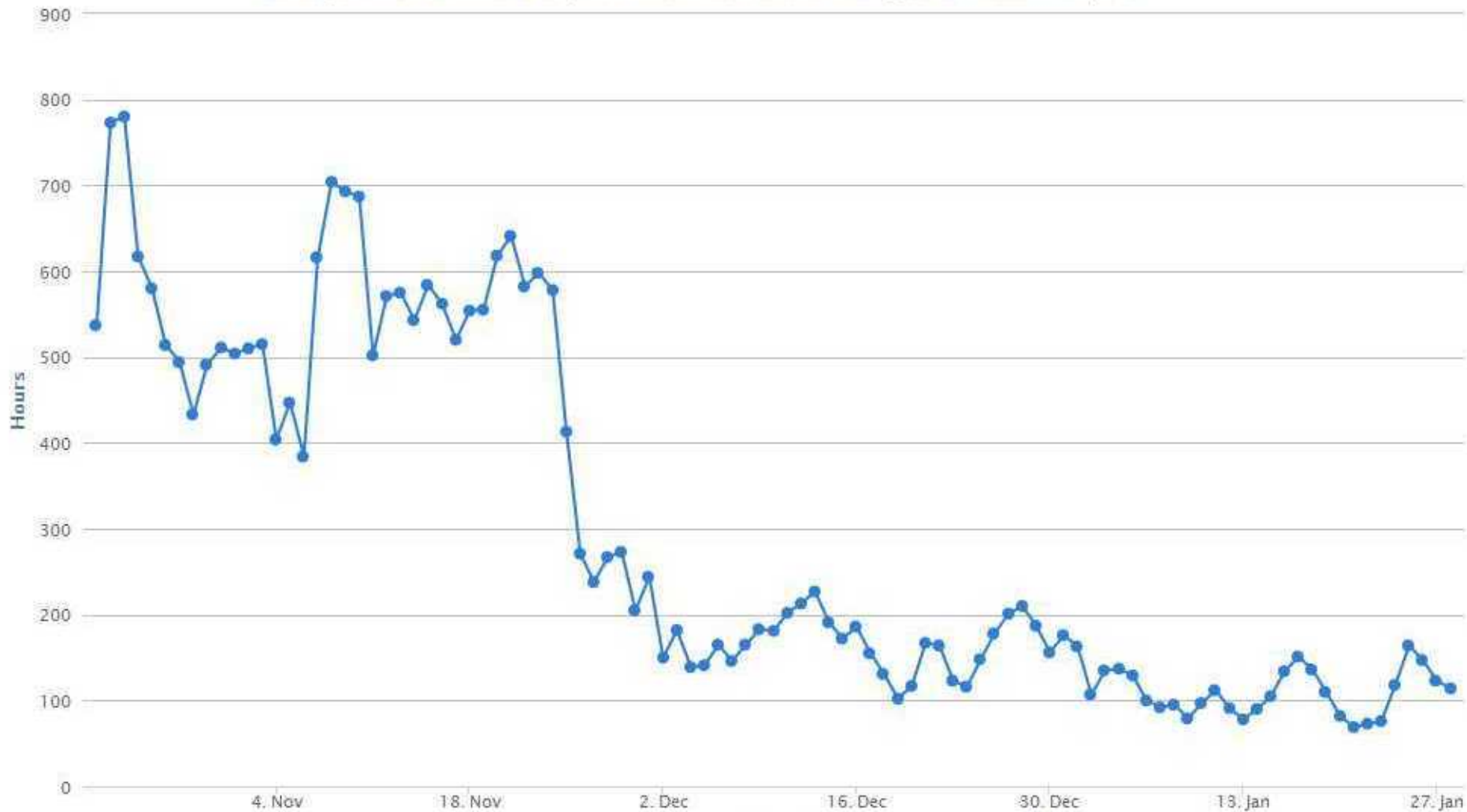
For simple merges and splits:
www.scopusfeedback.com
 Turnaround time: 36 hours

The screenshot shows the 'Ask a Question' form on the Scopus website. The form is titled 'Scopus Ask a Question' and includes a search bar and a 'Contact Us' link. Below the title, there is a section for 'Your Contact Details' with a list of required fields: Title, First Name, Last Name, Email Address, Scopus Account ID, Scopus Author ID, ORCID, and Your Country. Each field has a corresponding input box or dropdown menu. To the right of the Scopus Account ID, Scopus Author ID, and ORCID fields, there are instructions: 'Please supply your Scopus Account ID if you have one, this will make it easier for us to investigate your query.', 'Please supply the Scopus Author Profile ID if you have one, this will make it easier for us to investigate your query.', and 'Please supply your ORCID if you have one. ORCID is a unique identifier for researchers, you can register for one by clicking here.' Below the contact details, there is a section titled 'How can we help you?' with a dropdown menu for 'Choose a category'. The categories listed are: Getting Started, Tutorials, Alerts, Author Evaluator, Citations, Content policy, Missing document(s), Add/remove citations, and Document details are incorrect. To the right of the dropdown menu, there is a text box for the user to describe their question, with a note: 'To help us resolve your question quickly, please choose a specific category for your customer service request.'

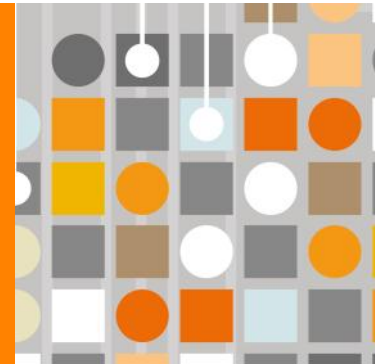
Detail corrections or missing content:
 Help & Contact > Contact us

Faster and friendlier corrections due to technology enhancements

Average time between request submission and changes visible in Scopus

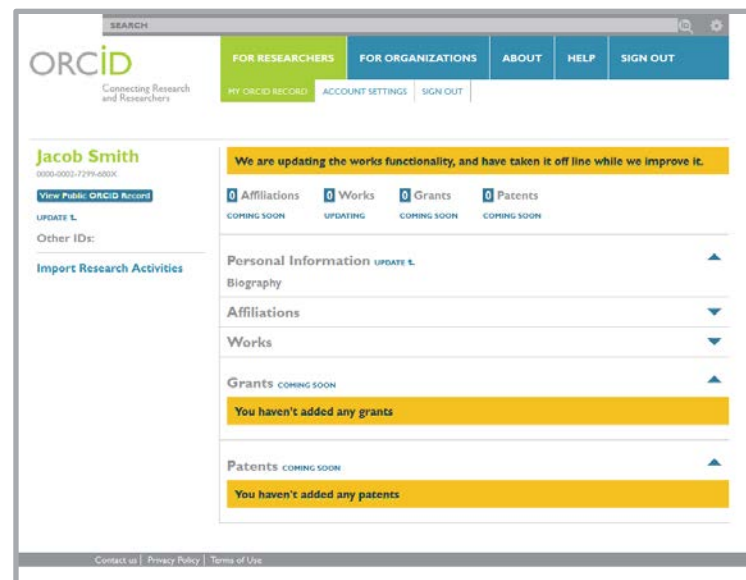


2. Open Research and Contributor ID (ORCID) integration



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) ORCID IDs 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 ORCID IDs **during Manuscript submission**

Search id ⚙ English ▼



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

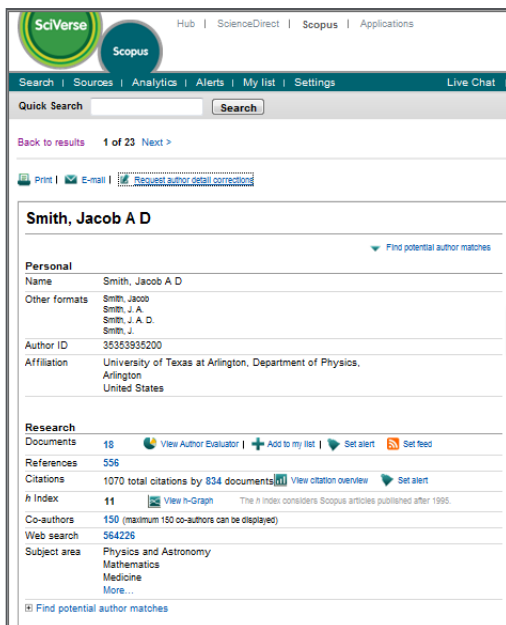


Works

- 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



SciVerse Scopus Hub | ScienceDirect | Scopus | Applications

Search | Sources | Analytics | Alerts | My list | Settings Live Chat

Quick Search Search

Back to results 1 of 23 Next >

Print | E-mail | Request author detail correction

Smith, Jacob A D

Personal

Name Smith, Jacob A D

Other formats Smith, Jacob Smith, J. A. Smith, J. A. D. Smith, J.

Author ID 3535393200

Affiliation University of Texas at Arlington, Department of Physics, Arlington, United States

Research

Documents 18 [View Author Evaluator](#) | [Add to my list](#) | [Set alert](#) | [Set feed](#)

References 556

Citations 1070 total citations by 834 documents [View citation overview](#) | [Set alert](#)

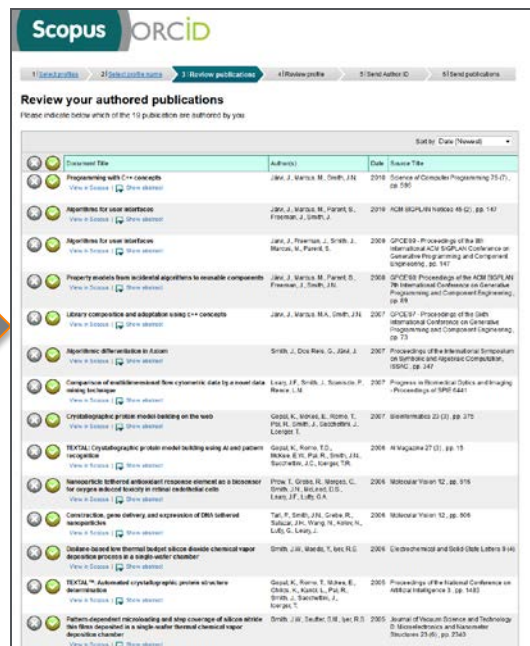
h Index 11 [View h-Graph](#) The *h* Index considers Scopus articles published after 1995.

Co-authors 150 (maximum 150 co-authors can be displayed)

Web search 564226

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Medicine
More...

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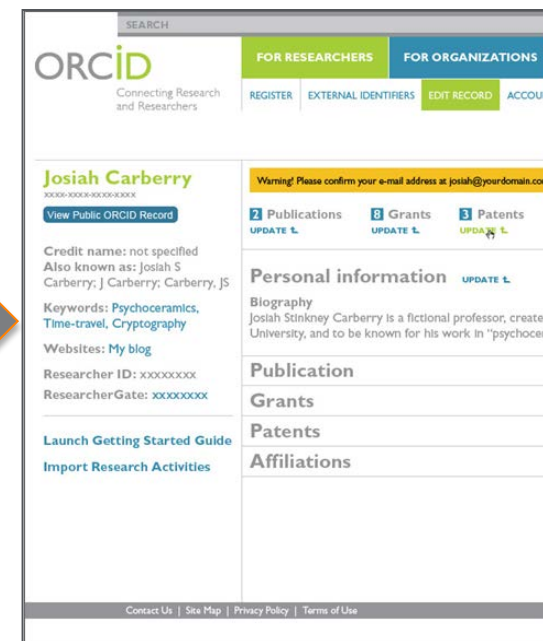
Scopus ORCID

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Review your authored publications

Please indicate below which of the 15 publications are authored by you.

Document Title	Author(s)	Date	Source Title
Programming with C++ concepts	Jacob A. Smith, Mark M. Smith, J. A. Smith	2018	Science of Computer Programming 73 (7), pp. 595
Algorithms for user interfaces	Jacob A. Smith, Mark M. Smith, J. A. Smith	2018	ACM SIGPLAN Notices 49 (4), pp. 147
Algorithms for user interfaces	Jacob A. Smith, J. A. Smith, Mark M. Smith, J. A. Smith	2018	GPCE 18 - Proceedings of the 18th International ACM SIGPLAN Conference on Generalized Programming and Component Engineering, pp. 197
Property models from incremental algorithms to reusable components	Jacob A. Smith, Mark M. Smith, J. A. Smith	2018	GPCE 18 - Proceedings of the 18th International Conference on Generalized Programming and Component Engineering, pp. 197
Library construction and adaptation using C++ concepts	Jacob A. Smith, Mark M. Smith, J. A. Smith	2017	GPCE 17 - Proceedings of the 17th International Conference on Generalized Programming and Component Engineering, pp. 73
Algorithmic differentiation in Axion	Smith, J., Choi Park, G., Jang, J.	2017	Proceedings of the International Symposium on Symbolic and Algebraic Computation, ISAC, pp. 347
Competition of multimeric and non-cytosolic data by a novel data mining technique	Leung, J.F., Smith, J., Scopus, P., Blom, A. L.	2017	Progress in Biomedical Optics and Imaging - Proceedings of SPIE 1041
Cryptographic primitive model building on the web	Goyal, N., Mohan, S., Homa, T., Poo, R., Smith, J., Sathishkumar, J., Longpré, E.	2017	Mathematics 21 (2), pp. 375
REXTEL: Cryptographic primitive model building using AI and pattern recognition	Goyal, N., Homa, T.O., Mohan, S., Poo, R., Smith, J.H., Sathishkumar, J.C., Sargun, T.R.	2018	AI Magazine 27 (3), pp. 13
Nonzero-field dependent nonlinear response element as a biosensor for organo-soluble dyes in nitro-cellulose cells	Phon, T., Grubb, R., Wilson, C., Smith, J.H., Scopus, P., Leung, J.F., Li, D.A.	2016	Molecular Crystals 12, pp. 316
Construction, gene delivery and expression of OMS lentiviral nanoparticles	Tan, F., Smith, J.H., Galle, R., Sathishkumar, J., Yang, M., Kwon, H., Liu, G., Leung, J.	2016	Molecular Crystals 12, pp. 306
Discrete based low thermal budget silicon dioxide chemical vapor deposition process in a single-wafer chamber	Smith, J.H., Wang, Y., Lee, H.S.	2015	Electronics and Solid State Letters 9 (4)
REXTEL™ Automated cryptographic primitive discovery	Goyal, N., Homa, T., Mohan, S., Poo, R., Smith, J., Sathishkumar, J.	2015	Proceedings of the National Conference on Artificial Intelligence 3, pp. 1433
Pattern dependent microloading and chip coverage of silicon nitride thin films deposited in a single-wafer thermal chemical vapor	Smith, J.H., Tschir, T.H., Lee, H.S.	2015	Journal of Nonlinear Science and Technology: Microelectronics and Nanometer Structures 29 (6), pp. 2343



SEARCH

ORCID Connecting Research and Researchers

FOR RESEARCHERS REGISTER EXTERNAL IDENTIFIERS FOR ORGANIZATIONS EDIT RECORD ACCOUNT

Josiah Carberry
XXXX-XXXX-XXXX-XXXX

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Warning! Please confirm your e-mail address at josiah@yourdomain.com

2 Publications [UPDATE](#) | 3 Grants [UPDATE](#) | 3 Patents [UPDATE](#)

Credit name: not specified
Also known as: Josiah S Carberry; J Carberry; Carberry, JS

Keywords: Psychoceramics, Time-travel, Cryptography

Websites: My blog

Researcher ID: xxxxxxxx
ResearcherGate: xxxxxxxx

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Personal information [UPDATE](#)

Biography
Josiah Stinkney Carberry is a fictional professor, created University, and to be known for his work in "psychoer

Publication
Grants
Patents
Affiliations

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Enter via Scopus2ORCID Wizard or from ORCID

ORCID.org



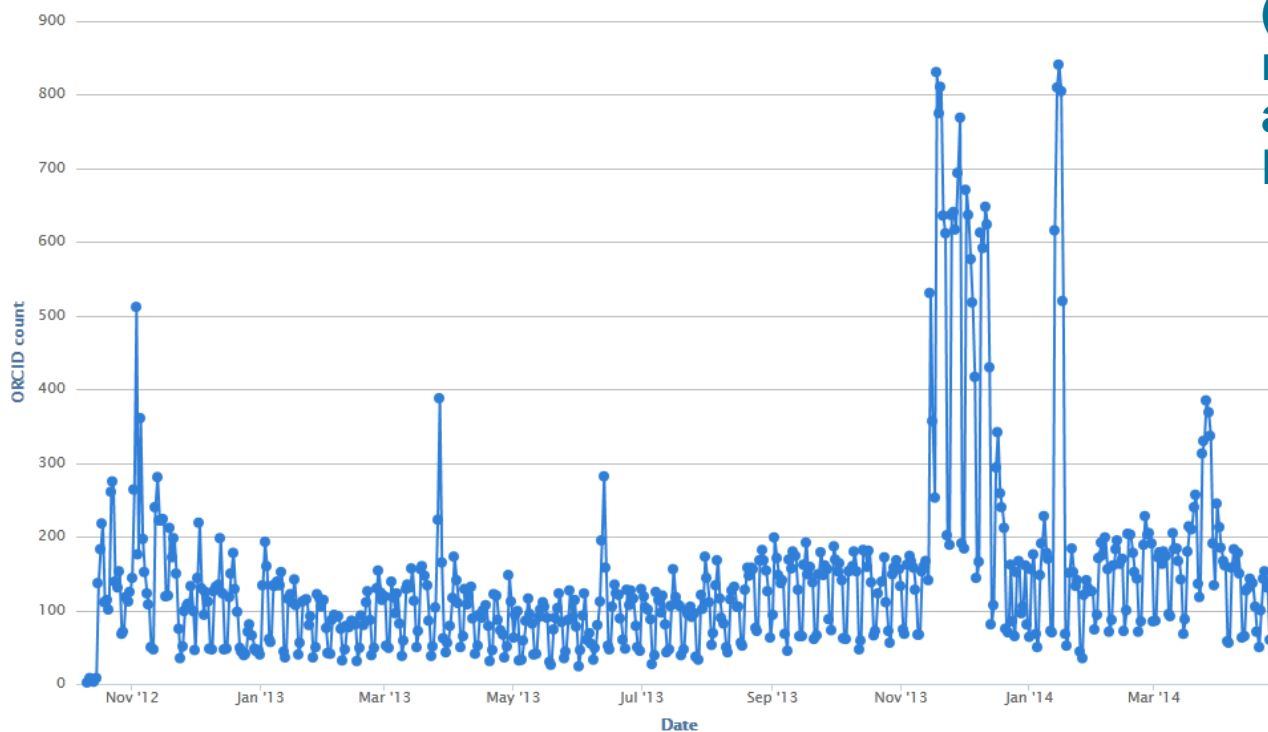
Statistics

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)

Distinct ORCIDS matched to Scopus Author ID by day



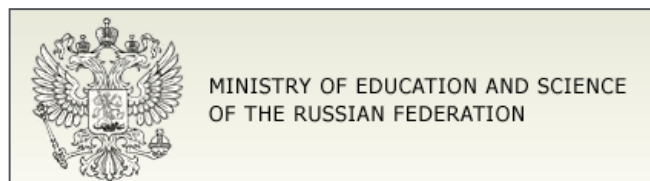
Retrieved: 25 April 2014

3. International Data Provider

Leading organisations rely on Scopus



National Research Foundation



Australian Research Council



MAX-PLANCK-GESELLSCHAFT



150 funding bodies use Scopus data

University ranking organisations use Scopus

Ranking Agency	Type of Ranking	Period
Times Higher Education	<ul style="list-style-type: none"> World University Ranking Regional Rankings Reputation Ranking 	2014-2019
QS	<ul style="list-style-type: none"> World University Rankings Regional rankings 	2015-2025
US News & World Report	<ul style="list-style-type: none"> Arab Region Ranking 	2014-2017
ShanghaiRanking Consultancy	<ul style="list-style-type: none"> Mainland China Ranking Top Cited Researchers Subject specific global ranking 	2015-2020
Maclean's	<ul style="list-style-type: none"> World University Ranking 	2015-2017
Financial Times	<ul style="list-style-type: none"> MBA Ranking 	
Frankfurter Allgemeine Zeitung	<ul style="list-style-type: none"> German Economists Ranking 	

Research assessments are performed based on Scopus data



4. Sophisticated author profile

Back to results | < Previous **2 of 18** Next >

Print | Email

Lastname, Firstname [About Scopus Author Identifier](#) | [View potential author matches](#)

Author primary affiliation, City, Country Other name formats: Browning, J. Paul
Browning, J.P.
Browning, James
Browning, James P

Author ID: 26427981500

orcid.org/0000-0002-8860-7565

Follow this author Receive emails when this author publishes new articles

- Get citation alerts
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- [Request author detail corrections](#)

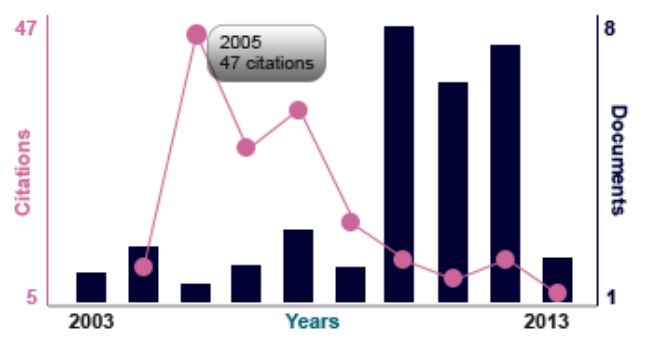
Documents: 22 View author evaluator

Citations: 39 total citations by 33 documents View citation overview

h-Index: 3 The h index considers Scopus articles published after 1995. View h-Graph

Co-Authors: 55

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



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

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](#)

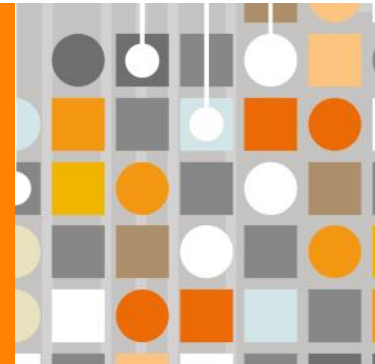
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Display **20** results per display Page 1

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

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The data displayed above is subject to the privacy conditions contained in the [privacy policy](#).

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
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