Beyond identification: Provenance management with ORCID and CRedIT

RDA Deutschland Tagung 2022, 22nd of February 2022

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What’s in a name?
Most names are not unique

Many people have the same or similar name, and names may change through marriage or other circumstances.

Individuals and organizations can use different alphabets, abbreviations, or naming conventions.

People use different versions of their names during their career.
ORCID’s Mission

ORCID’s mission is to enable transparent and trustworthy connections between researchers, their contributions, and their affiliations by providing a unique, persistent identifier for individuals to use as they engage in research, scholarship, and innovation activities.
The ORCID iD

https://orcid.org/0000-0001-2345-6789
An ORCID record
Application Programming Interfaces (APIs)
Application Programming Interfaces (APIs)
Application Programming Interfaces (APIs)
The data source

Internet of Samples (iSamples): Toward an interdisciplinary cyberinfrastructure for material samples

GigaScience
2021 | Journal article
DOI: 10.1093/gigascience/giaa028

Added
2021-05-20

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2021-05-20

Source: Smithsonian Institution

Unleash the Potential of your Website! 180,000 webpages from the French Natural History Museum marked up with Bioschemas/Schema.org biodiversity types

Biodiversity Information Science and Standards
2020-09-29 | Journal article
DOI: 10.3897/biss.4.59046

URL
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Source: Crossref

The High-energy Radiation Environment around a 10 Gyr M Dwarf: Habitable at Last?

The Astronomical Journal
2020-11 | Journal article
BIBCODE: 2020AJ...160..237F
DOI: 10.3847/1538-3881/abb465
ARXIV: 2009.01259

Source: NASA Astrophysics Data System ⭐ Preferred source (Close other sources)

The High-energy Radiation Environment around a 10 Gyr M Dwarf: Habitable at Last?

Source: Lisa Kaltenegger via Scopus - Elsevier

Sources: https://orcid.org/0000-0003-2501-7952, https://orcid.org/0000-0002-0436-1802, https://orcid.org/0000-0001-7807-944X
Support for CRediT

Added CRediT roles to the existing list of contributor roles

- Just roles - no degree of contributions
- Available for members using API v3.0
- Visible in the UI

Next Up

- Increase adoption
- Allow users to select CRediT roles in the UI
CRedIT roles in the record

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<td>Greg Dingle (funding acquisition, 0000-0003-0931-6303)</td>
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<td>Greg Dingle (writing – review &amp; editing, 0000-0003-0931-6303)</td>
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**Source:** Rescognito

Source: [https://orcid.org/0000-0003-0931-6303](https://orcid.org/0000-0003-0931-6303)
Support for ROR (Stage 1 - APIs)

Adding ROR IDs to the list of supported Organization IDs

ROR IDs are now supported alongside Funder Registry IDs, GRIDs and RINGGOLD IDs

Next Up

- Increase adoption
- ROR will become the preferred ID for all user interface items
- Adding ROR data to the UI for users to manually select when adding affiliations
Adoption of ROR

Okinawa Institute of Science and Technology Graduate University: Onna-son, Okinawa, JP

2018-09-01 to present | PhD Student (Graduate School)
Education

Organization identifiers
ROR: https://ror.org/02qg15b79
Okinawa Institute of Science and Technology: Onna Son, JP
http://www.ist.jp/

Other organization identifiers provided by ROR
FUNDREF: 5011000004199 (preferred), 100007714, 100007715
GRID: grid.250464.1 (preferred)
ISNI: 0000000098052626
ORGREF: 15696195
WIKIDATA: Q7082022

Added
2022-01-08

Last modified
2022-01-08

Source: Okinawa Institute of Science and Technology via ORCID Member Portal

Source: https://orcid.org/0000-0002-5327-9688
Stay up to date with the research that comes from your scholars – while making their lives easier.

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<th>Universities and Research Institutions</th>
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- **Name disambiguation.** Have confidence that you have correctly identified contributions from your researchers, regardless of the popularity or variability of their names.

- **Better research connections.** Follow your researchers' careers even after they leave your institution. Keep better track of collaborators and peers at other institutions.

- **Reduce costs.** Reduce the costs required to track the research that comes from your institution by automatically accessing authoritative trusted publication and funding data from your researchers' ORCID records.

- **Improved visibility of outputs.** Improve the visibility of your researchers' outputs and ensure they get the recognition they deserve by automatically writing authoritative, trusted affiliation data via integration with the ORCID registry.

- **Reduced administrative burden.** Increase both efficiency and quality in critical processes like assessment exercises. Avoid time spent re-entering data during submission, review, and reporting. When your researchers have more time to spend on research, you save money!

- **Interconnected infrastructure.** The ORCID registry is an open, interconnected hub of profile data. By integrating with ORCID, you can contribute affiliation data and extend the reach of your systems. Sharing data with ORCID can help you to avoid being locked into costly, proprietary systems.
Thank you very much for attention