ORCID IN PUBLISHING WORKFLOWS

28 SEPTEMBER 2018

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ORCID’S VISION IS A WORLD WHERE ALL WHO PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND INNOVATION ARE UNIQUELY IDENTIFIED AND CONNECTED TO THEIR CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME, DISCIPLINES, AND BORDERS.

TOGETHER, WE CAN MAKE OUR VISION A REALITY!
WHAT IS ORCID?

• Open, not-for-profit organization
  ➢ run by & for the research community

• Provider of unique researcher identifiers: ORCID iDs
  ➢ reliably & clearly connect researchers with contributions & affiliations

• Integration point for ORCID iDs
  ➢ 100s of systems integrated: grant applications, manuscript submission, CRIS, repositories, & more!
ORCID BY THE NUMBERS

918 members from 43 countries

24077 IDs with .ua email addresses

+560 member integrations

+5 million active researcher identifiers

+2 million records with connected information

+60 publishers signed open letter

+13 unique DOIs

Consortia in

- Italy
- France
- Germany
- Portugal
- Belgium
- Netherlands
- UK
- Finland
- Sweden

- Norway
- United States
- Canada
- Brazil
- South Africa
- Taiwan
- Australia
- New Zealand
- Israel

https://orcid.org/statistics
WHY ORCID?

• Solves the name ambiguity issue
• Connects researchers with their contributions & affiliations
• Provides open tools (API) to enable transparent & trustworthy connections between organizations & researchers
• Researcher control & consent
## THE ORCID API

<table>
<thead>
<tr>
<th>API</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Public API</strong></td>
<td>• <strong>Authenticate</strong>: Get a user’s authenticated ORCID iD</td>
</tr>
<tr>
<td>Freely available to anyone</td>
<td>• <strong>Read (Public)</strong>: Search/retrieve public data</td>
</tr>
<tr>
<td><strong>Member API</strong></td>
<td>• <strong>Read (Limited)</strong>: Search/retrieve limited-access data</td>
</tr>
<tr>
<td>ORCID member organizations</td>
<td>• <strong>Add</strong>: Post new items to a record</td>
</tr>
<tr>
<td><em>(Sandbox test environment freely available to anyone)</em></td>
<td>• <strong>Update</strong>: Edit or delete items you previously added</td>
</tr>
<tr>
<td><strong>Premium Member API</strong></td>
<td>• <strong>Webhooks</strong>: Receive notifications of updates</td>
</tr>
<tr>
<td>Premium ORCID member organizations</td>
<td>• Customised <em>monthly reports</em> (including email stats)</td>
</tr>
<tr>
<td></td>
<td>• Access to <em>monthly public data file</em></td>
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</tbody>
</table>
Registering

1. Registering for an iD
   - Self-registration only
   - From another site
   - Less than 30 seconds
   - Duplicate filters
   - Unique email
   - Name check

Email check

Name check

Email displayed if public on record
Using the iD

2. Using the iD

• Provide an authenticated iD as well as a name
• Grant permission to read / write to the ORCID record (trusted parties)
• Sign into sites with ORCID account
Controlling access: Visibility

Visibility on each item can only be set by account holder and trusted individuals – API cannot override.

- **Everyone**: Can be viewed by anyone (public)
- **Trusted Parties**: Can be seen by any trusted parties that you have authorized to connect
- **Only Me**: Can only be seen by you (private)
• WORKS: broadly-defined research outputs including publications, datasets, patents, dissertations and more
  • 12 search & link wizards
  • Import/Export via BibTeX
  • Add manually (not recommended)
Sara Hänzi
@SaraHaenzi

have not yet heard from @J_Exp_Biol about proofs but @ORCID_Org tells me @CrossrefOrg wants to add the new article to my ORCID - cool!

5:13 pm - 4 Nov 2016  https://twitter.com/SaraHaenzi/status/794467574557904896
Auto-update

submit manuscript

publisher

ACCEPTED! iD in metadata

obtain DOI

auto-update ORCID

ORCID record

NEW INFO!

notify preprint library

university libraries

update profiles

faculty profiles

inform grant outputs

funders

https://support.orcid.org/knowledgebase/articles/793980-auto-updates-time-saving-and-trust-building
Peer review section
Based on CASRAI Peer Review Services data profile
Reviews can be added only by a trusted organization using API — users cannot self-assert

Service affiliation
Expanded affiliations in user interface and in API 3.0_RC1
Recognize significant donations of time to an organization as reviewer, e.g. expert review panel, conference panel chair.

ORCID Peer review workflow: https://members.orcid.org/api/workflow/peer-review
ORCID service et al affiliation tutorial: https://github.com/ORCID/ORCID-Source/blob/master/orcid-api-web/tutorial/affiliations.md
## PEER REVIEW: FACTS & FIGURES

<table>
<thead>
<tr>
<th>Category</th>
<th>Sept 2017</th>
<th>Sept 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of iDs with peer reviews</td>
<td>10,837</td>
<td>25,415</td>
</tr>
<tr>
<td>Number of peer review items</td>
<td>148,060</td>
<td>537,556</td>
</tr>
<tr>
<td>• Visible to everyone</td>
<td>124,709</td>
<td>454,523</td>
</tr>
<tr>
<td>• Visible to trusted parties</td>
<td>5,660</td>
<td>23,901</td>
</tr>
<tr>
<td>• Visible to only the user</td>
<td>17,691</td>
<td>59,132</td>
</tr>
<tr>
<td>Number of peer review groups</td>
<td>10,108</td>
<td>18,474</td>
</tr>
<tr>
<td>Number of unique DOIs</td>
<td>6,948</td>
<td>12,989</td>
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<tr>
<td>Top five organizations posting peer reviews</td>
<td></td>
<td></td>
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<tr>
<td>(number of reviews posted)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Publons (135,752)</td>
<td></td>
<td>Publons (514,322)</td>
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<tr>
<td>• F1000 (7,080)</td>
<td></td>
<td>F1000 (13,151)</td>
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<tr>
<td>• American Geophysical Union (4,365)</td>
<td></td>
<td>GEMS (7,939)</td>
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<tr>
<td>• eLife (257)</td>
<td></td>
<td>The Society for Neuroscience (503)</td>
</tr>
<tr>
<td>• The Society for Neuroscience (257)</td>
<td></td>
<td>eLife manuscript management system (414)</td>
</tr>
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WHY ORCID IN PUBLISHING?

• ENTER ONCE | REUSE OFTEN
  get fast, accurate information for your submissions from ORCID record data, saving users time and hassle

• VIRTUOUS CIRCLE
  enhance discovery of your publications: share publication information with a person-centric lens, uniquely linking authors and reviewers to their contributions

• LINK RELATED INFORMATION
  richer metadata: link researchers and their publications to their related materials, grants, and more from information found in their ORCID records
ORCID AND PUBLISHERS

• Open Letter
• Working Groups:
  • Journal Display Guidelines (complete)
  • Books Workflows (complete)
  • User Facilities and Publications (in progress)
• Peer Review activities
• New affiliations
• ORCID Publishing User Group

https://orcid.org/statistics
ORCID IN THE PUBLISHING CONTEXT

**Researcher discovery, analysis & writing**
- Include ORCID iDs in databases and search
- Collect AUTHENTICATED ORCID iDs
  - iDs with names in print, web and metadata
  - iDs with names during data export

**Submission & revision**
- Collect AUTHENTICATED ORCID iDs
  - Pre-populate forms with ORCID data
  - Collect permissions for future interactions
  - Collect related resource/ funding from ORCID data

**Peer review**
- Collect reviewer ORCID iDs
- Review recognition in ORCID records
- Discover reviewers from ORCID data

**Acceptance & production**
- Collect ORCID iDs from all authors
- Collect affiliations, credit names, etc from ORCID records

**Analysis**
- Connect publications to ORCID
  - Link pubs to funding, resource & facility usage

**Publication**
- Display iDs in publications & metadata
- iDs in metadata & search engines (incl Google Scholar)
- iDs in deposits to abstracting & indexing services

◆ Core functionality
Researcher gives permission to COLLECT iD and access the record.

ORCID record

- **Researcher Name**
  - **ORCID ID**: orcid.org/xxxx-xxxx-xxxx-xxxx

  - **Basic information**
    - Other names
    - Email addresses
    - Biography
  - **Account settings**

- **Activities & affiliations**
  - **Employment**:
    - XXX University
    - Source: XXX University (ID139)
  - **Funding**:
    - YYY Foundation, Grant #123
    - Source: YYY Foundation (ID45)
  - **Works**:
    - Source: ZZZ Publishing (ID675)
Publishers open letter
+60 signatories

• ~2000 journals are now requiring ORCID iDs
• ~ 9,000 journals collecting iDs
• +2,400 publishers are embedding iDs in the DOI metadata provided to Crossref, who can then automatically update the author’s ORCID record

https://orcid.org/content/requiring-orcid-publication-workflows-open-letter
HOW TO PARTICIPATE?

• Join the Publishing Community Forum
  https://community.orcid.org/c/publishingcommunityusers

• Sign up for future community webinars
  • OCTOBER 9, 2018, 9:00 AM EDT| 1:00 PM UTC| Registration link
  • DECEMBER 11, 2018, 9:00 AM EDT| 2:00 PM UTC| Registration link

• Contact us: support@orcid.org