

Celebrating Peer Review Week with ORCID

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Connecting Research
and Researchers



@gabioshka
@ORCID_Org

Agenda

- Welcome and introductions
- Overview of ORCID in peer review
- (New!) use cases
- ORCID at BMJ
- Q&A



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.



A little bit of history....

ORCID Registry launched
2012

API 2.0: peer review
activities
2017

2015
ORCID's Early Adopter
Peer Review Program

ORCID joins PRW

2018
API 3.0: new affiliation types
new work type "preprint"
new rel version of

Challenges around peer review

- Lack of recognition, specially for early career researchers
- Biased & unprofessional reviews
- Increased need for peer review due to COVID-19 and “preprints explosion”

How can ORCID help?

- Lack of recognition, specially for early career researchers
 - ORCID allows to **recognize** reviews in different (and in many ways!)
- Increased need for peer review due to COVID-19 and “preprints explosion”
 - **Reward** your reviewers by giving them credit via their ORCID records
- Biased & unprofessional reviews
 - Use ORCID to **select** reviewers (based on their previous contributions, expertise, etc.)

Peer review on ORCID

Peer review section

- Based on CASRAI Peer Review Services data profile
- Review items can only be added by a trusted (member) organization using API – **users cannot self-assert**

- **Role:*** e.g. chair, editor, member, organizer, reviewer
- **Group identifier:*** The group ID used for aggregation purposes -- for journal articles, the default identifier is the eISSN, which is automatically populated via an integration with the ISSN database
- **Convening organization:*** a journal publisher, conference organizer, funding agency, faculty, etc
 - **Organization identifier:** Ringgold, GRID, LEI or Crossref Funder Registry identifier.
- **Review data:*** This data refers to the review activity and not what was reviewed
 - **Type:** The type of review activity, e.g. review, evaluation
 - **Date:** The date the review was completed. This can be broad (2008) or specific (2010-12-10)
 - **Review identifier:** A unique, resolvable [identifier](#) provided by the source of the review itself.

32 lines (32 sloc) | 1.58 KB

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <peer-review:peer-review xmlns:common="http://www.orcid.org/ns/common"
3   xmlns:peer-review="http://www.orcid.org/ns/peer-review" xmlns:work="http://www.orcid.org/ns/work"
4   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5   xsi:schemaLocation="http://www.orcid.org/ns/peer-review ../peer-review-3.0.xsd">
6   <peer-review:reviewer-role>reviewer</peer-review:reviewer-role>
7   <peer-review:review-identifiers>
8     <common:external-id>
9       <common:external-id-type>source-work-id</common:external-id-type>
10      <common:external-id-value>1234</common:external-id-value>
11      <common:external-id-url>https://localhost.org/1234</common:external-id-url>
12      <common:external-id-relationship>self</common:external-id-relationship>
13    </common:external-id>
14  </peer-review:review-identifiers>
15  <peer-review:review-type>review</peer-review:review-type>
16  <peer-review:review-completion-date>
17    <common:year>2012</common:year>
18  </peer-review:review-completion-date>
19  <peer-review:review-group-id>issn:1741-4857</peer-review:review-group-id>
20  <peer-review:convening-organization>
21    <common:name>ORCID</common:name>
22    <common:address>
23      <common:city>Bethesda</common:city>
24      <common:region>MD</common:region>
25      <common:country>US</common:country>
26    </common:address>
27    <common:disambiguated-organization>
28      <common:disambiguated-organization-identifier>385488</common:disambiguated-organization-identifier>
29      <common:disambiguation-source>RINGGOLD</common:disambiguation-source>
30    </common:disambiguated-organization>
31  </peer-review:convening-organization>
32 </peer-review:peer-review>
```

▼ Peer review (2)				↑ Sort
▼ review activity for eLife(2) journal, eLife				
Review date	Type	Role	Actions	
2017	review	reviewer	<input checked="" type="checkbox"/> show details	view
2017	review	reviewer	<input type="checkbox"/> hide details	view
Review identifier(s): SOURCE-WORK-ID: S6ZBCYjFytimIMRBPQtEQ				
Convening organization: eLife(Cambridge, United Kingdom)				
Source: eLife manuscript management system			Created: 2017-04-15	



<https://members.orcid.org/api/workflow/peer-review>
<https://orcid.org/0000-0001-7079-7973>

Peer review on ORCID

Service affiliation

- Available in user interface and in API 3.0 and higher - **users can also assert**
- Opportunity to recognize service to an organization as reviewer, e.g. expert review panel, conference panel chair

- **Organization:**
 - **Organization name:** The name of the organization at the highest level (e.g. "Boston University", rather than "Boston University School of Medicine").
 - **Address:** The city, region, and country (or territory) where the organization is located. Only city and country are required, and the country should be populated with the [two letter ISO 3166 Alpha-2 country code](#).
- **Organization identifier:** A unique identifier for the organization and its source. Currently ORCID supports Ringgold and GRID identifiers.
- **Start date**
- **Department name:** Any subdivision of the parent organization.
- **Role title/Degree:** The position held, or the degree awarded or to be awarded.
- **End date**

The screenshot displays the ORCID profile of Juliet Gerrard. On the left, her name 'Juliet Gerrard' is shown above her ORCID iD 'https://orcid.org/0000-0003-1527-2837'. Below this are links for 'Print view' and 'Other IDs', including 'Scopus Author ID: 7103097425'. The main section is titled 'Membership and service (4)'. It lists two affiliations with the 'Marsden Fund: Wellington, NZ'. The first entry shows the role of 'Chair (Marsden Fund Council)' from '2012-01 to 2018-02', with the source 'Royal Society Te Apārangi' marked as a 'Preferred source'. The second entry shows the role of 'Deputy Chair (Marsden Fund Council)' from '2010-01 to 2011-12', also with the source 'Royal Society Te Apārangi' marked as a 'Preferred source'. Each entry has a small icon in the top right corner.

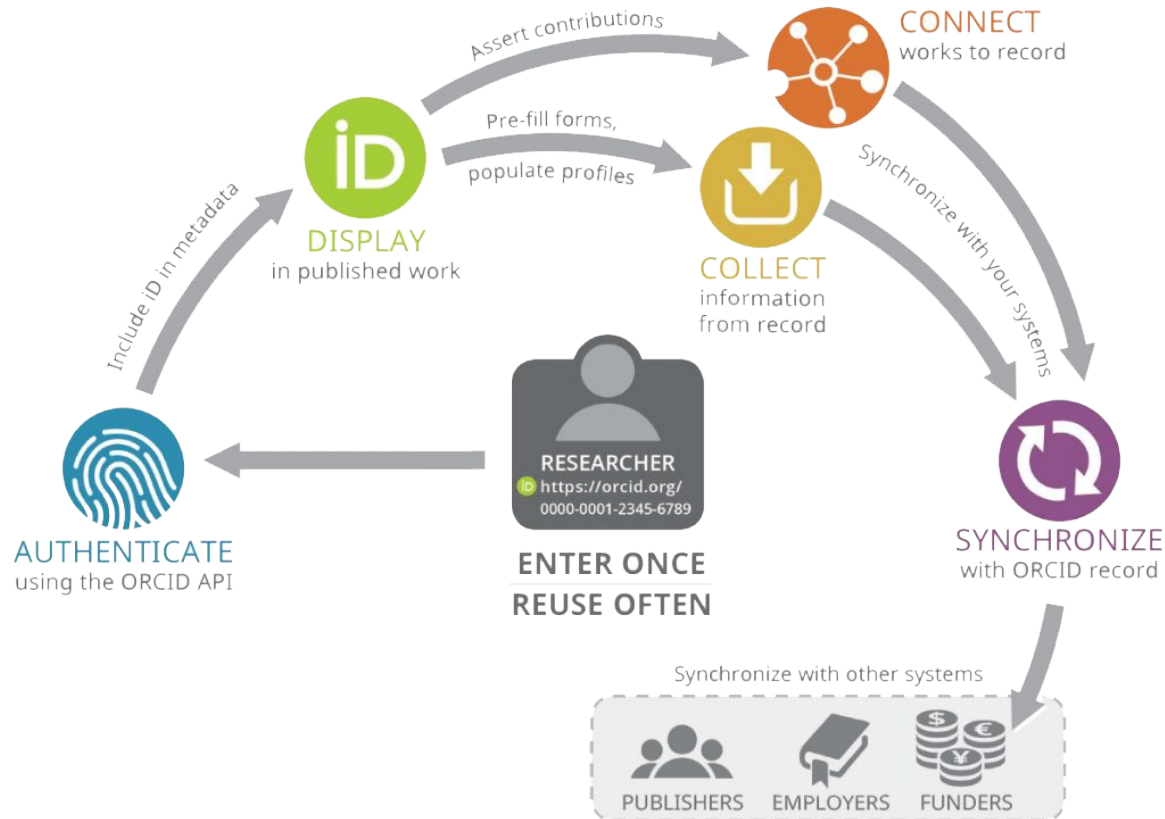


ORCID service et al affiliation tutorial:

<https://github.com/ORCID/ORCID-Source/blob/master/orcid-api-web/tutorial/affiliations.md>

<https://orcid.org/0000-0003-1527-2837>

Workflow



AUTHENTICATE

- Verified iDs using OAuth

DISPLAY

- In metadata
- In reviewer profiles

CONNECT

- Review activity or review service to records
- Use unique reference ID

COLLECT

- Affiliations, works, review history, etc from records

SYNCHRONIZE

- Auto-update records and your databases



PEER REVIEW ACTIVITIES IN ORCID RECORDS

Records with peer review

385,703

Peer reviews

2,638,678

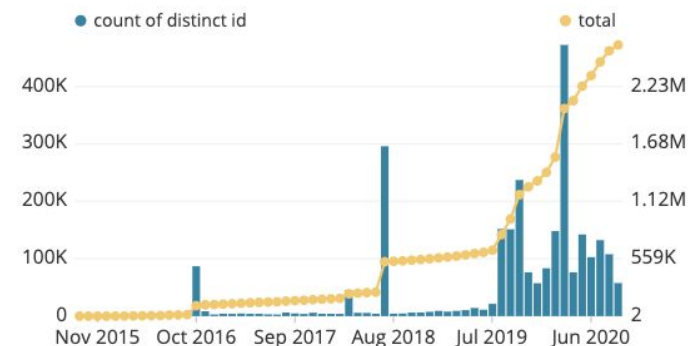
Records with peer review

4.0%

Number of ISSNs used

29,473

Peer review



Organisation	# reviews
--------------	-----------

Publons	1,400,462
American Chemical Society	601,780
Springer Nature	453,361
EM Journals at Wiley	39,051
Nature Publishing Group	34,065

Organisation	# reviews
--------------	-----------

American Chemical Society	601,780
American Soc. of Civil Engineers	7,582
Endocrine Society	4,913
American Soc. of Plant Biologists	1,477
The Society for Neuroscience	1,221



Source: internal ORCID statistics

Integrated systems

- Editorial Manager
 - Springer Nature (453,361 reviews)
 - Nature Pub Group (33,479 reviews)
 - Wiley (39,051 reviews)
 -
- eJournalPress
 - eLife (1416 reviews)
- OpenResearch (F1000)
 - Wellcome Open Research (1,00,6960 reviews)
 - Gates Open Research (374,340 reviews)
 - AAS Open Research (109 reviews)

Coming up next

- [OJS?](#)



[ORCID-enabled systems: publishing systems](#)

<https://orcid.org/blog/2020/06/18/announcing-orcid%E2%80%99s-new-service-provider-certification-program>

Integrated platforms

- Faculty Opinions 1,186
- F1000 Research 26,043
- PLOS 19,280
- Publons 1,400,462 (**Auto update**)



Lauriane Suyin @LaurianeSuyin · Sep 3

Update - I've now got Publons, it's linked to ORCID so publications automatically populate, as did today's peer review. Added bonus was the 7 peer reviews I did in the past 4 years. All there. It's quite a neat record that should update itself going forward. Thanks @Hockey19John



1



2



Dr Ruby Tsang @rubietsang · Jun 11

I link all my journal submission/peer-review accounts to ORCID if they allow it. Now I only have to remember one set of login details.




2

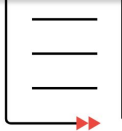


Use cases

Outbreak Science Rapid PREreview

**OUTBREAKSCIENCE**
Rapid PREreview beta

[About](#) [Code of Conduct](#) [Extension](#) [API](#) [Login](#)



To log in to Outbreak Science Rapid PREreview you will need an ORCID ID.

Click below to sign in with your ORCID account, or create one if you don't have one.


☒ I have read and agree to the Outbreak Science Rapid PREreview [Code of Conduct](#).

[Sign in with ORCID](#)

[Give Feedback](#)

OUTBREAKSCIENCE
Rapid PREreview beta

[Read reviews](#) [Add Review](#) [Add Request](#)




Reviews




Links between air pollution and COVID-19 Jun. 6, 2020 in England

medRxiv > [10.1101/2020.04.16.20067405](https://doi.org/10.1101/2020.04.16.20067405)

3 reviews | 1 request

 View only the reviews you are interested in by dragging-and-dropping user badges to the filter bubble below.

Reviewers



RAPID PREREVIEW IDENTIFIER

[a39ac5b2-08ec-4b97-a2cd-e2180daf6cfc](https://doi.org/10.1101/2020.04.16.20067405)

IDENTITY

Public

ORCID

[0000-0003-4531-6685](https://orcid.org/0000-0003-4531-6685)

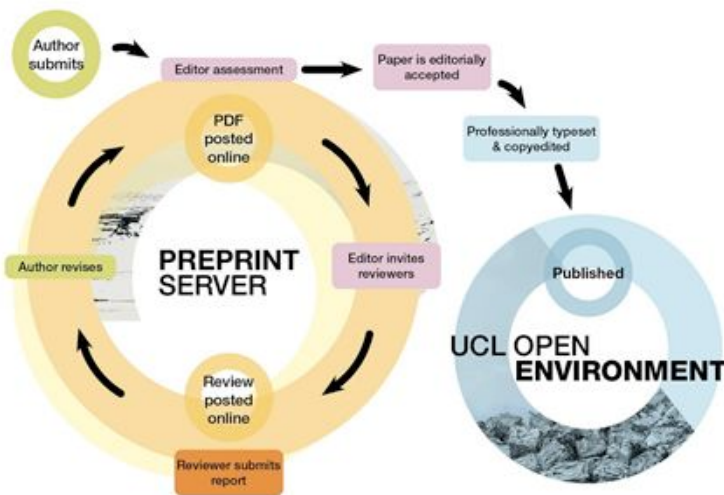
MEMBER SINCE

Apr. 29, 2020



<https://outbreaksci.prereview.org/10.1101/2020.04.16.20067405>
<https://www.nature.com/articles/d41586-020-00613-4>

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Who can review?

- To publish an open review reviewers must sign in via ORCID and must possess **five peer reviewed scholarly works associated in their ORCID** account.
- Reviewers are **invited by an Editor** and **authors are also free to invite** reviewers to review their paper openly.
- All open reviews must be conducted in line with *UCL Open* publishing, open peer review and open commenting policies
- Looking into co-contributor reviews.

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MY SCIENCEOPEN ABOUT SEARCH

420 views	0 references	0 cited by	★★★★★ 2 reviews	2 comments	0 recommends	3 collections	0 shares	214 similar
Altmetric 4	TOP REFERENCES	MOST CITED	★ REVIEW	COMMENT	+1 RECOMMEND	ADD TO	SHARE	ALL SIMILAR

Version and Review History

Version 1	
Preprint version 2	
Preprint version 1	2
Reviewed by Nicholas Ross Smith	
Reviewed by Dionysios Stivas	

Similar content 214

Hormonal, behavioral, and life-history traits exhibit correlated shifts in relation to population establishment in a novel environment.
Authors: Danielle Whittaker, Trevor D Price, Ellen Ketterson ...

Multilayered genetic safeguards limit growth of microorganisms to defined environments
Authors: Ryan Gallagher, Jaymin R. Patel, Alexander Interiano ...

UCL Press

RECORD ABSTRACT ARTICLE

Reflections on Trust and Covid 19: Do Politics, Medicine and the Environment need each other?

PREPRINT

This is not the latest version for this article. If you want to read the latest version, click here.

Author(s): Alistair Cole¹, Frederic Dutheil², Julien S. Baker³

Publication date (Electronic preprint): 24 June 2020

Journal: UCL Open: Environment Preprint

Publisher: UCL Press

Keywords: Trust , environment, medical and social science, international comparison , transdisciplinarity, Covid 19 , political science, Policy and law

Read this article at

Online

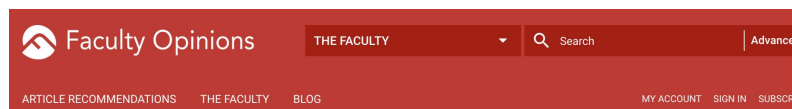
Download Review Bookmark Export as citation

UCL OPEN ENVIRONMENT Preprint



<https://blog.scienceopen.com/2020/05/open-peer-review-workflow/>

Faculty Opinions



The Faculty

The Faculty comprises peer-nominated, internationally-renowned researchers from across the world, who pick out and recommend articles they consider to be highly important to others working both in their field and beyond.

Invited positions and distinctions (1)

Faculty Opinions: London, GB

2009-06-29 to present | Faculty Member

Invited position

Source: Faculty Opinions

★ Preferred source

Peer review (2)

Sort

review activity for Faculty Opinions(45)

publisher, Powering the discovery of science

Review date	Type	Role	Actions	
2020-07-16	evaluation	reviewer	hide details view	
Review identifier(s)	Convening organization	Review subject	Added	Last modified
DOI: 10.3410/f.738201226.793576427	Faculty Opinions (London, GB)	Small Molecule Dysregulation of TEA D Lipidation Induces a Dominant-Negative Inhibition of Hippo Pathway Signaling. Holden JK, Crawford JJ, Noland CL, Schmidt S, ..., Hu T, Zhou Z, Shen HC, Cunningham CN. Cell Rep. 2020 Jun 23; 31(12):107809 (journal-article) Cell Rep. DOI: 10.1016/j.celrep.2020.107809	2020-07-16	2020-07-16
Source: Faculty Opinions		★ Preferred source		
2020-07-16	evaluation	reviewer	show details view	
Source: Faculty Opinions		★ Preferred source		

iDs updated with peer review

443

Total peer reviews

1,164



<https://orcid.org/0000-0001-9264-4759>
<https://facultyopinions.com/prime/home>

American Chemical Society



American Chemical Society

Would you like to connect your ACS ID to your ORCID Account?

It only takes a few minutes, and then you will be connected and logged in to your destination.



ACS has partnered with ORCID, a non-profit organization that provides unique digital identifiers that allow researchers to distinguish themselves from others with similar names.

[Link Account](#)

[What's this?](#)

Don't have an ORCID ID?

[Learn more about ORCID](#)

iDs updated with peer revi...

78,893

Total peer reviews

601,208

▼ review activity for [Chemistry of materials.\(2\)](#)

journal, Chemistry of Materials is devoted to the publication of original contributions on forefront, fundamental research at the interface of chemistry, chemical engineering, and materials science. Both theoretical and experimental studies which focus on the preparation or understanding of materials with unusual or useful properties are relevant.

ISSN : 1520-5002

Review date	Type	Role	Actions	
2019	review	reviewer	 hide details view	
Review identifier(s)	Convening organization	Review subject	Added	Last modified
OTHER-ID: ACS-20-38729127	American Chemical Society (Washington, US)	(journal-article) Chemistry of Materials.	2020-05-28	2020-05-28
Source: American Chemical Society		★ Preferred source		
2018	review	reviewer	 hide details view	
Review identifier(s)	Convening organization	Review subject	Added	Last modified
OTHER-ID: ACS-19-501005	American Chemical Society (Washington, US)	(journal-article) Chemistry of Materials.	2020-03-29	2020-04-18
Source: American Chemical Society		★ Preferred source		

← Tweet



Riikka Puurunen
@rlpuu

First review of the year done. I got a message from ACS that they are providing "reviewer credit info" to ORCID. I find this a good initiative. Science relies on peer review (despite all issues with its). Making things visible is good - and should be easy. publish.acs.org/publish/peer_r...

4:25 PM · Jan 5, 2020 · Twitter for iPad



<https://www.acsreviewerlab.org/>

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[Home](#) » [Browse](#) » [Baseline results of a living systematic review for COVID-19 clinical...](#)

SYSTEMATIC REVIEW [Check for updates](#)

Baseline results of a living systematic review for COVID-19 clinical trial registrations [version 1; peer review: 1 approved]

Brittany J. Maguire^{1,2}, Alistair R.D. McLean^{1,2}, Sumayyah Rashan^{1,2}, Emilia Sitsafe Antonio^{1,2}, Jayshree Bagaria¹, Zineb Bentounsi^{1,2}, Matthew Brack^{1,2}, Fiona Caldwell¹, Verena Iona Carrara^{1,2,4,5}, Barbara Wanjiro Citarella^{1,2}, Prabin Dahal^{1,2}, Vitalis Fambombi Fetei^{1,2,5,7}, Marius H.B. Guérin¹, Kalyan Kennon^{1,2}, Kathinka Bilton Lahaut⁸, Gerald Jambeni Makuka⁸, Roland Ngu^{1,2}, Sopunuchukwu Obiesie^{1,2}, Caitlin Richmond^{1,2}, Sauman Singh-Phulgenda^{1,2}, Samantha Strudwick^{1,2}, Carina S.B. Tyrrell^{10,11}, Austin Schwinn^{1,2}, David King^{1,2}, Paul N. Newton^{1,2,13}, Ric N. Price^{2,14,15}, Laura Merson^{1,2,16}, Kasia Stepniowska^{1,2}, [Philippe J. Guérin^{1,2}](#)

[Author details](#)

 This article is included in the Coronavirus (COVID-19) collection.


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Open Peer Review


Reviewer Status  [i](#)


Reviewer Reports

Invited Reviewers

1



Version 1

02 Jun 20  [read](#)

1. [Julia C. Cutts](#)  Burnet Institute, Melbourne, Australia

♥review activity for Wellcome open research.(2) journal, Wellcome Open Research

ISSN : 2398-502X

Review date	Type	Role	Actions	
2020-06-05	review	reviewer	 hide details view	
Review identifier(s)	Convening organization	Review subject	Added	Last modified
DOI: 10.21956/wellcomeopenres.17477.r38934	Wellcome Open Research (London, GB)	Baseline results of a living systematic review for COVID-19 clinical trial registrations [version 1; peer review: 1 approved] (journal-article) Wellcome Open Research. DOI: 10.12688/wellcomeopenres.15933.1	2020-06-05	2020-06-05
Source: Wellcome Open Research		★ Preferred source		
2020-04-06	review	reviewer	 show details view	
Source: Wellcome Open Research		★ Preferred source		



<https://wellcomeopenresearch.org/>
<http://orcid.org/0000-0001-5492-0265>

Linking preprints with peer reviewed journal articles (or other versions)

- **Preprint service provider** collects author iD and connects the **preprint** to the ORCID record with the identifier (e.g. DOI and rel “self”)
- **Publisher** collects author iD and connects to ORCID record
 - **peer reviewed journal article** with identifier (e.g. DOI rel “self”)
 - **preprint** with identifier (e.g. DOI rel “version of”)
- **Preprint(s) & peer reviewed journal article** grouped together on the ORCID record

*“Building trust through this process of constant checking and improvement is vital not only for other researchers in the field, but for the wider research community, as well as for policy-makers and the general public. (...) **Exposing the process of scholarship helps all round.**”*

Trust as an Ethic and a Practice in Peer Review
Alice Meadows, Jasmine Wallace, Karin Wulf

ORCID supports multiple external identifier relationship types:

- **Self:** the identifier refers solely to that work and can be grouped with other works that have the same identifier. Example is a DOI
- **Part of:** the work is part of this identifier and cannot be grouped with other works. Example is an ISSN
- **Version of:** these identifiers apply to alternate versions of the work and can be grouped with self and version of identifiers. Used to relate multiple versions of a dataset together, or to group preprints with the published version of a paper.



https://gitlab.com/crossref/user_stories/-/issues/443

<https://scholarlykitchen.sspnet.org/2020/09/21/trust-as-an-ethic-and-a-practice-in-peer-review/>

More information:

- Workflows
 - Peer review activities
<https://members.orcid.org/api/workflow/peer-review>
 - Peer review service
<https://members.orcid.org/api/workflow#service>
- Vendor-enabled systems
 - <https://members.orcid.org/api/vendors/publisher-tools>
- Examples of integrations
 - F1000 (open)
<https://f1000research.com/for-authors/publish-your-research>
 - PLOS (open or blind) <https://www.plos.org/orcid>
 - [Publons](#) (user driven)
- Video: [Let's add peer review to ORCID records](#)

Thanks! Questions?



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