Celebrating Peer Review Week with ORCID

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24 September 2020

ORCID | Connecting Research and Researchers

@gabioshka
@ORCID_Org

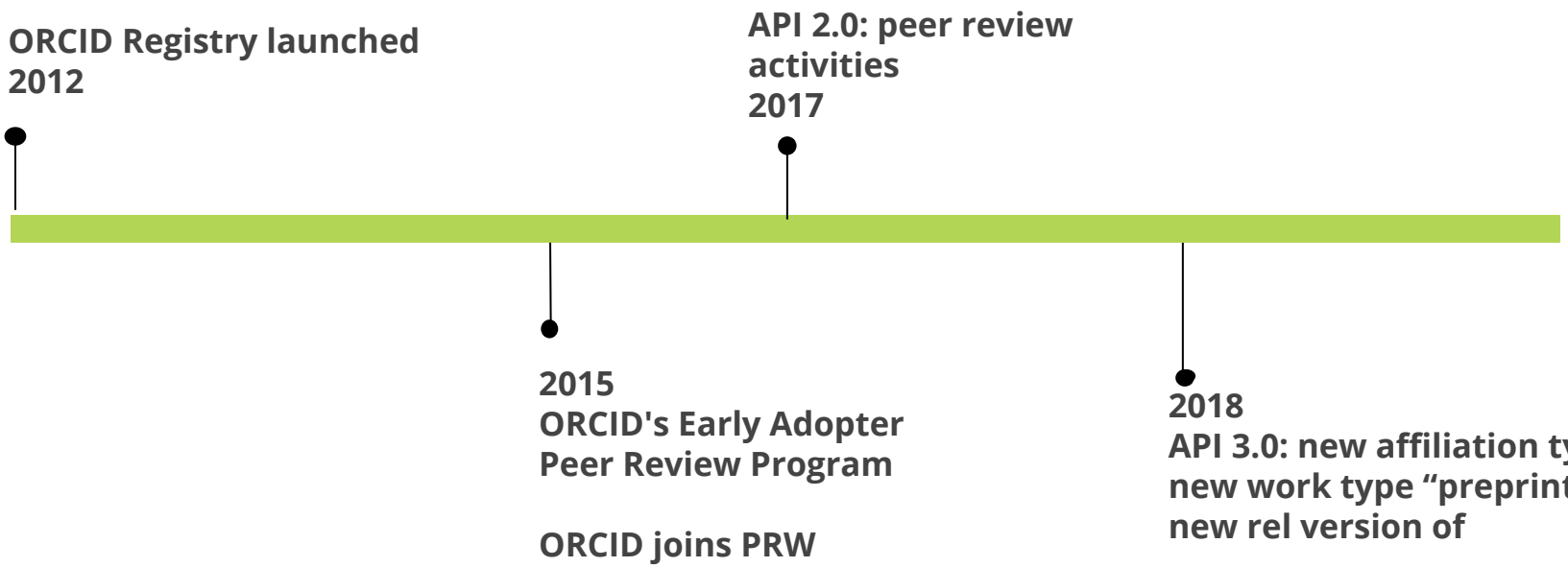
Agenda

PEER REVIEW WEEK
TRUST IN PEER REVIEW
SEPTEMBER 21-25, 2020

- 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….



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

```
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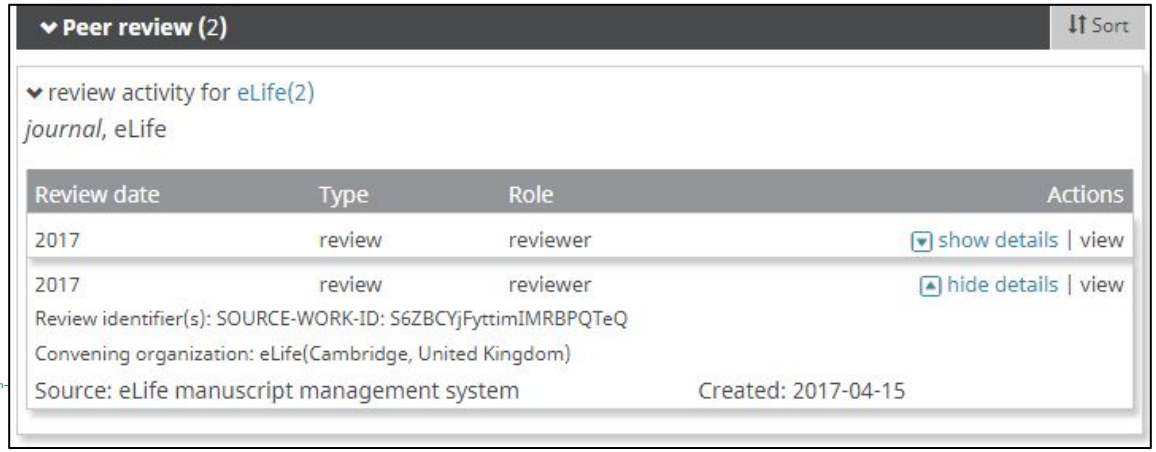


https://members.orcid.org/api/workflow/peer-review
https://orcid.org/0000-0001-7079-7973

Peer review on ORCID

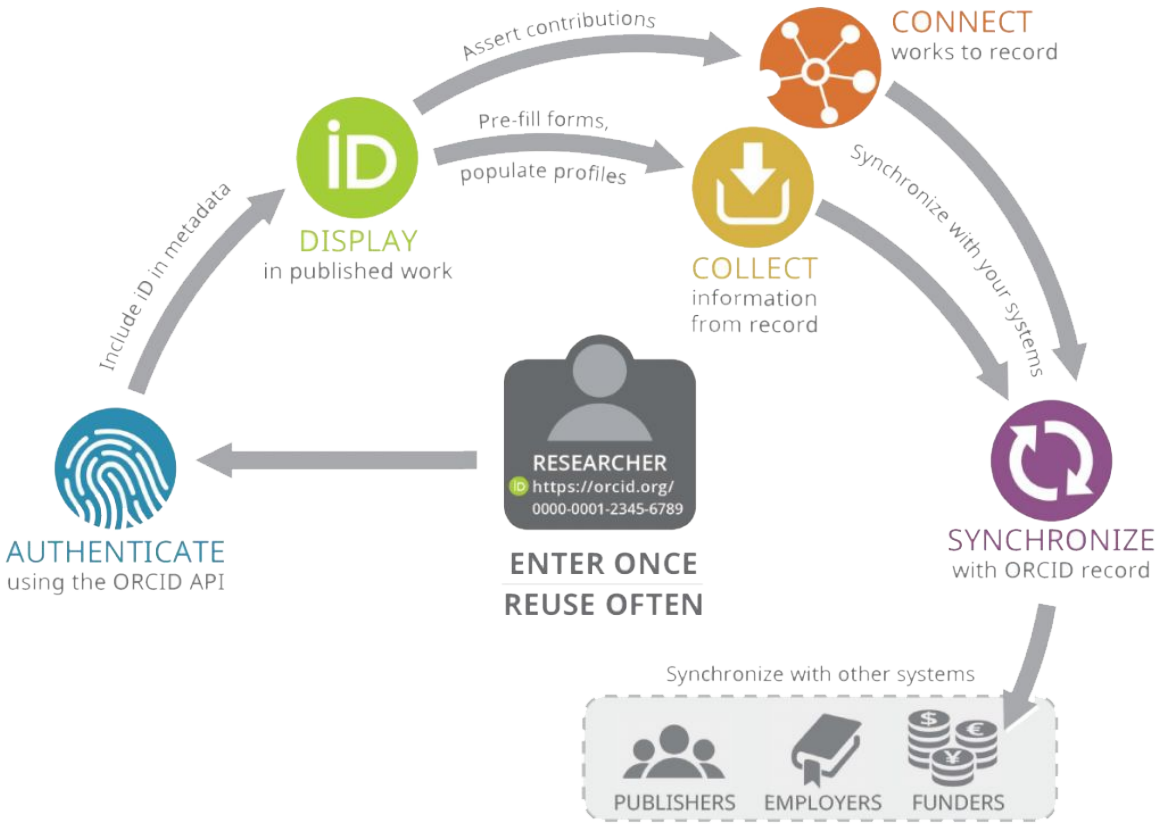
Service affiliation

- 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**

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 workflow: https://members.orcid.org/api/workflow/peer-review

PEER REVIEW ACTIVITIES IN ORCID RECORDS

Records with peer review

385,703

Peer reviews

2,638,678

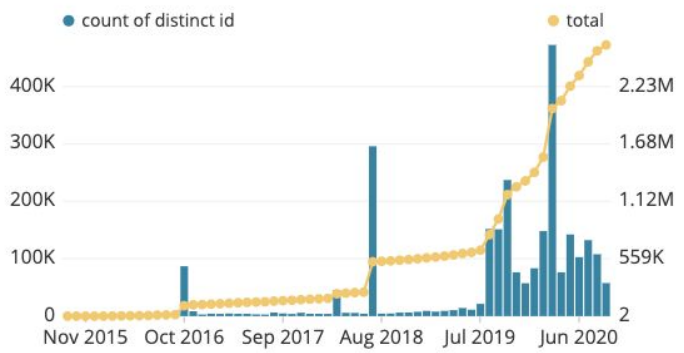
Records with peer review

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

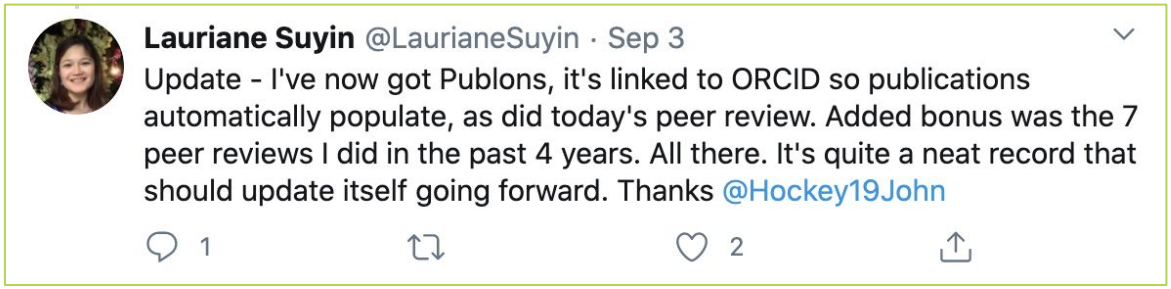
- OJS?

CERTIFIED Service Provider

ORCID-enabled systems: publishing systems
https://orcid.org/blog/2020/06/18/announcing-orcid%E2%80%99s-new-service-provider-certification-program

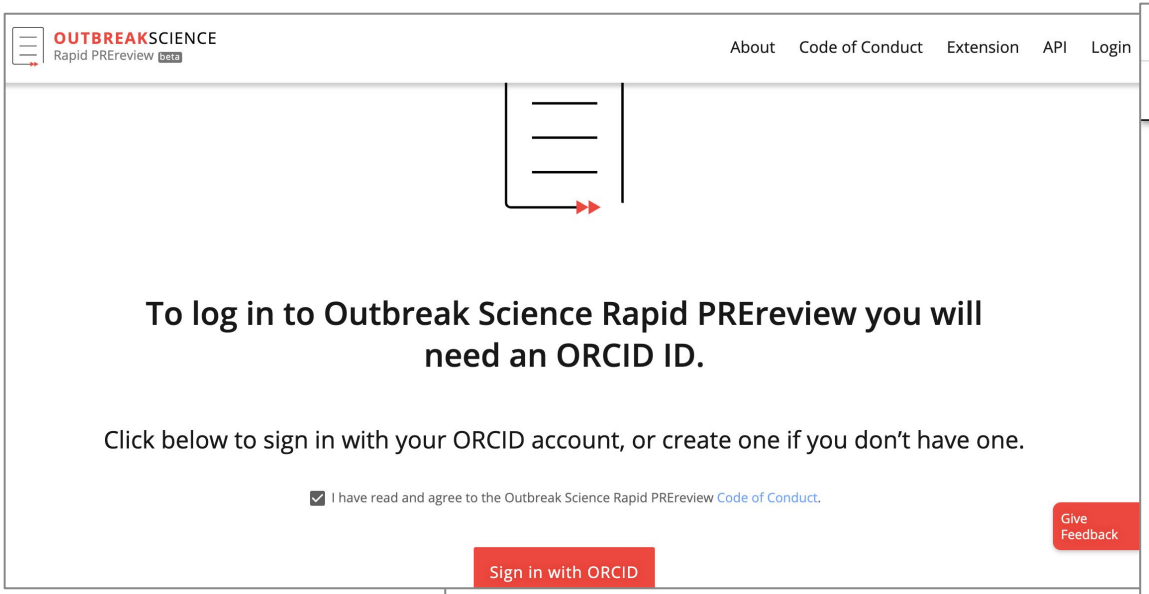
Integrated platforms

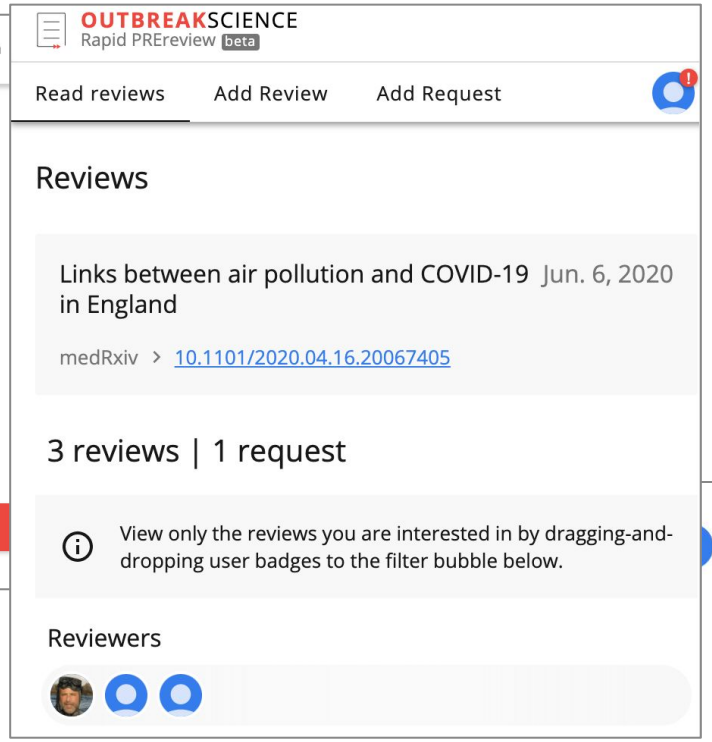
- Faculty Opinions 1,186
- F1000 Research 26,043
- PLOS 19,280
- Publons 1,400,462 (**Auto update**)

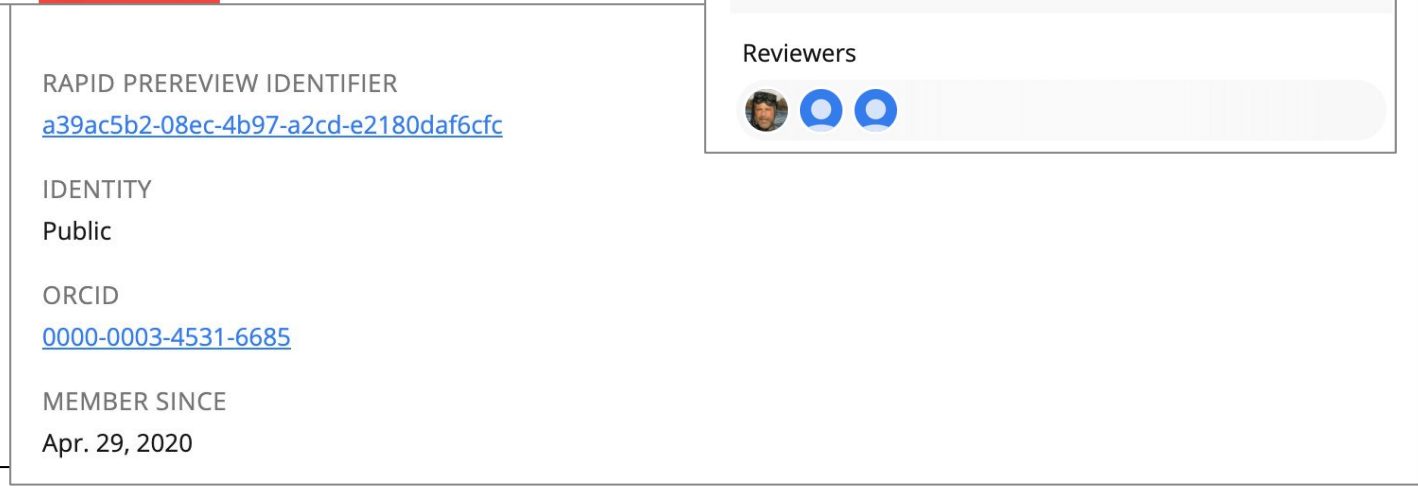


Use cases

Outbreak Science Rapid PREreview

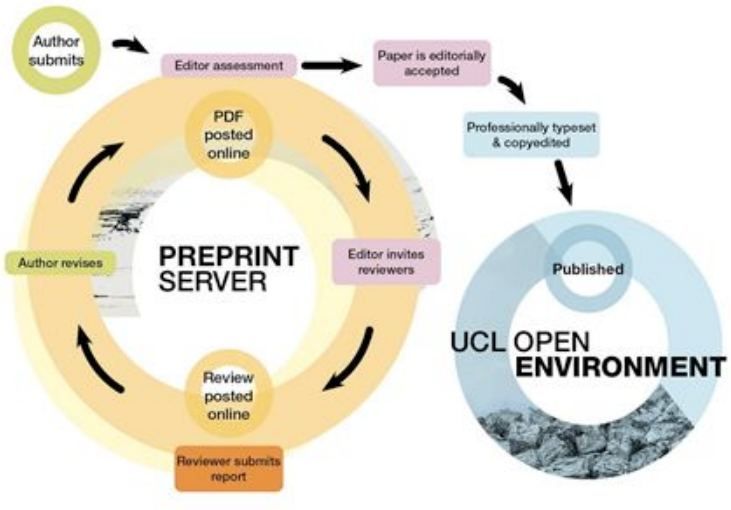






https://outbreaksci.prereview.org/10.1101/2020.04.16.20067405
https://www.nature.com/articles/d41586-020-00613-4

UCL Press - ScienceOpen



UCL LIBRARY SERVICES

UCL

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.

UCLPRESS
powered by ScienceOpen

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 ...

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 Cole [1], Frederic Dutheil [2], Julien S. Baker [3]
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

UCL OPEN ENVIRONMENT Preprint

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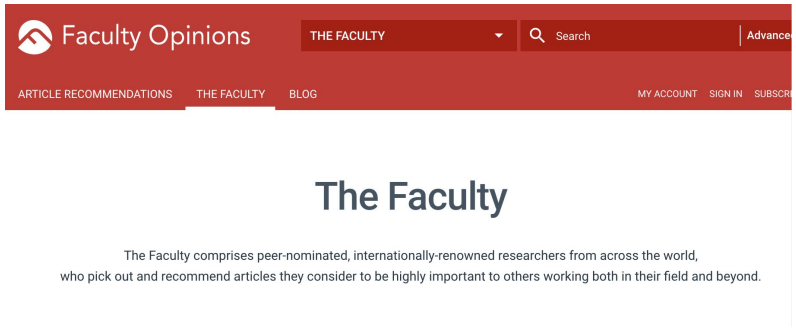
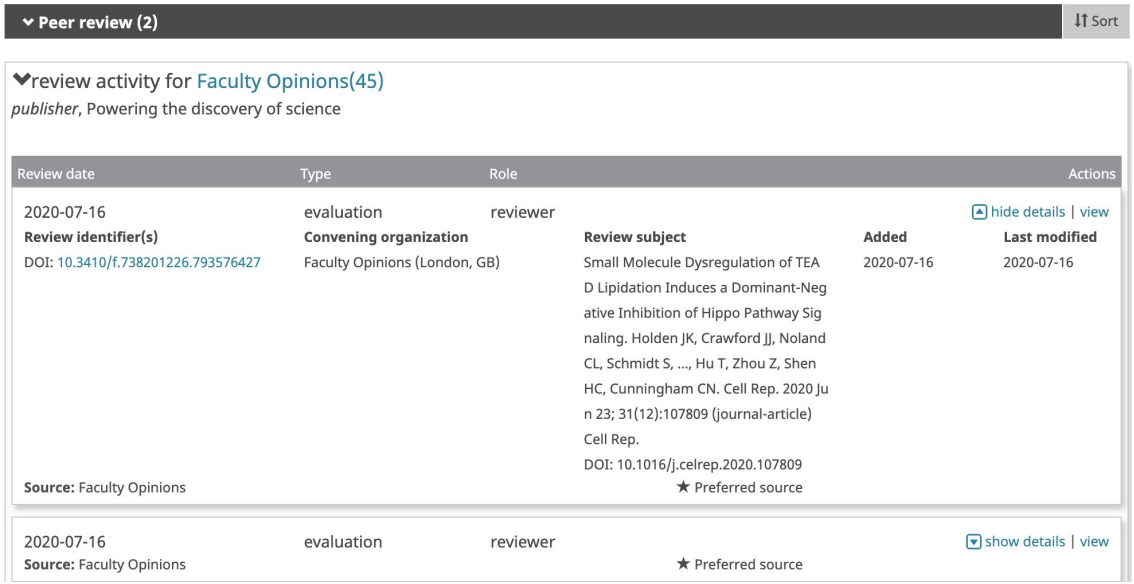
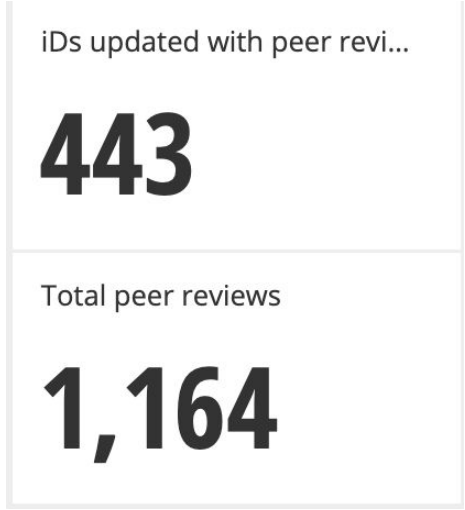
UCL Press UCL Press UCL Press UCL Press

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

Faculty Opinions







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

American Chemical Society

ACS Chemistry for Life®

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.

ORCID

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**

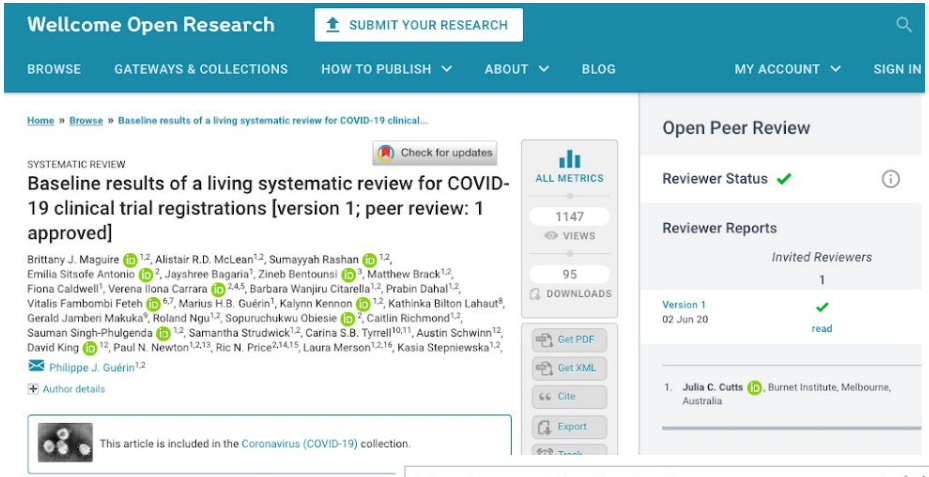
Riikka Puurunen
@rlpuu

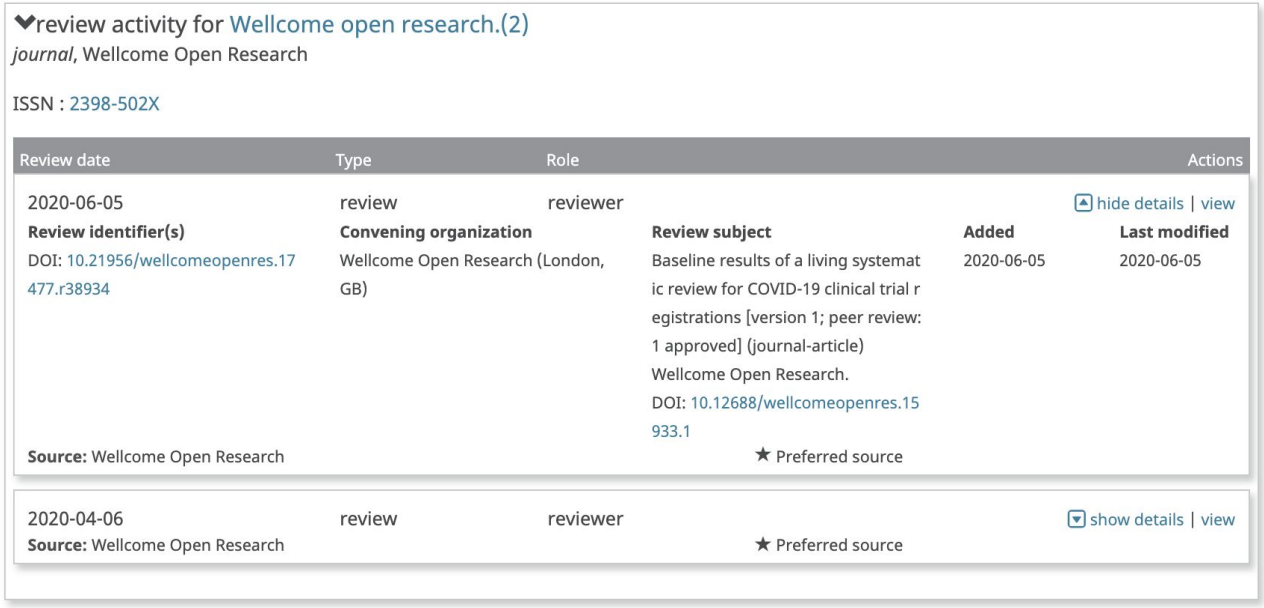
First review of the year done. I got a message from ACS that they are providing "reviewer credit info" to ORCID. I find this a good initiative. Science relies on peer review (despite all issues with its). Making things visible is good - and should be easy. publish.acs.org/publish/peer_r...

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

https://www.acsreviewerlab.org/

Wellcome Open Research





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

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.

"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

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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@gabioshka