



Agenda

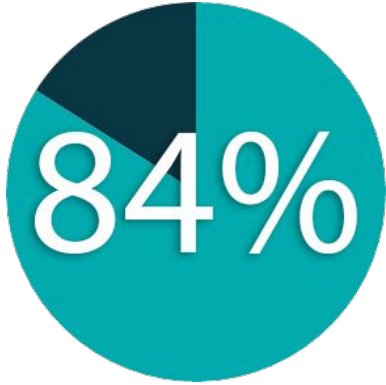
1. The skewed system and the role of peer review
2. Recognising review - rebalancing the system
3. The Publons Academy
4. Questions

Peer review is at the heart of research

Publish
Conduct novel
research



Review
Interpret other
research



In a survey of over 4,000 researchers, most (84%) believed that without peer review there would be no control in scientific communication.

- http://senseaboutscience.org/wp-content/uploads/2016/12/Peer_Review_Survey.pdf

Peer review is at the heart of research... but you wouldn't know it

Massive pressure to publish

- Reproducibility crisis
- Publons / salami slicing
- Increasing rejections
- Research misconduct & fraud



Minimal incentive to review

- Slow review process
- Reviewer fatigue



Reviewers perform crucial and unrecognised service

4m reviewers **7m** reviews **35m** hours¹

2.5bn USD² of unrecognised peer review each year

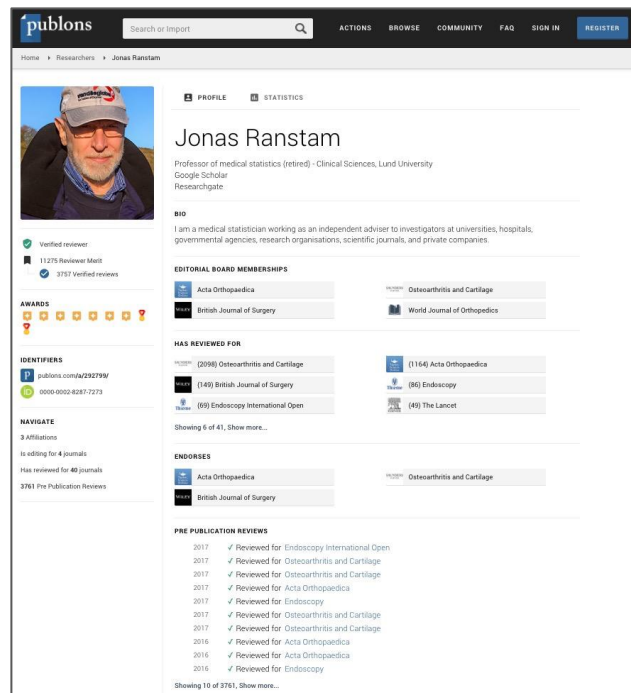
1. [The STM Report: An overview of scientific and scholarly journal publishing](#), STM March 2015
2. [The "Burden" of Peer Review](#), The Scholarly Kitchen



Our mission is
to **speed up science**
by **harnessing** the power
of **peer review**

Publons gives researchers cross-publisher recognition for peer review

With a **free** Publons profile, you can effortlessly track, verify and showcase every peer review and editorial contribution to research.



115k+
reviewers

600k+
reviews

5k+
editors



Review permissions

Privacy

- Open (name is associated with article)
- Journal (name is associated with journal)
- Publisher (name is associated with publisher)
- Hidden (never shown on profile)

Content

- Unpublished
- Published

- By default, reviews are added to Publons with Journal, Unpublished permissions.
- You can change your defaults or change permissions per-review.
- Your permission settings are checked against those of the journal, publisher, and author(s) before displaying reviews.
- No matter what settings are chosen, Publons never allows information about the manuscript to be released until the manuscript has been published.

HAS REVIEWED FOR



(2) Journal of Informetrics



(1) Radiation Physics and Chemistry



(2) Journal of Applied Physics



(1) Publons

ENDORSES



Physical Review B



PLOS ONE



Applied Physics Letters

PRE PUBLICATION REVIEWS

2016 ✓ Reviewed for Journal of Informetrics

2016 ✓ Reviewed for Journal of Informetrics

Mar 2016 ✓ Reviewed for Publons

May 2014 ✓ Reviewed Electronic transitions in ... for Journal of Applied Physi... [Read](#)

Apr 2014 ✓ Reviewed Electronic transitions in ... for Journal of Applied Physi... [Read](#)

2011 Reviewed for Radiation Physics and Chemistry

POST PUBLICATION REVIEWS

Dec 2016 Reviewed Evidence for a limit to human lifespan [Read](#)

Jul 2015 Reviewed The Metric Tide: Correlation analysis of REF2014 s... [Read](#)

Aug 2013 Reviewed Analysis of the Theory of Abstraction [Read](#)

May 2013 Reviewed GdN thin films: Bulk and local electronic and magn... [Read](#)

Sync with your ORCID

From your profile settings you can:

- Automatically export your verified review history to your ORCID so your work is visible across both platforms.
- Import your publication history from ORCID to Publons.

Export verified reviews to ORCID

Automatically export the year of review and journal name of all verified reviews to ORCID. Reviews are batch exported every fortnight. [View ORCID profile.](#)



Automatically export reviews to ORCID

SYNC NOW

SAVE CHANGES

Exportable peer review record

Two clicks to a downloadable record of your verified review and editorial contributions.

Verified Peer Review Record
PREPARED BY PUBLONS ON SEPTEMBER 18TH 2016

publons

Andrew R. H. Preston
<https://publons.com/a/1>

Publons Rankings

64th percentile of reviewers from Boston University on Publons up until September 2016.
82nd percentile of reviewers from Victoria University of Wellington on Publons up until September 2016.
78th percentile of reviewers in Physics and Astronomy (all) on Publons up until September 2016.


Peer Review Summary

Reviewed 5 manuscripts for journals including *Journal of Applied Physics* and *Journal of Informetrics*; placing in the 76th percentile for verified review contributions on Publons up until September 2016.

AJP


2

Journal of Applied Physics



2

Journal of Informetrics




1

Publons


Pre-Publication Review List

A list of all verified pre-publication reviews up until September 2016.




Jul 2016

Journal of Informetrics



Mar 2016

Journal of Informetrics



Mar 2016

Publons

AJP

May 2014

Journal of Applied Physics

AJP

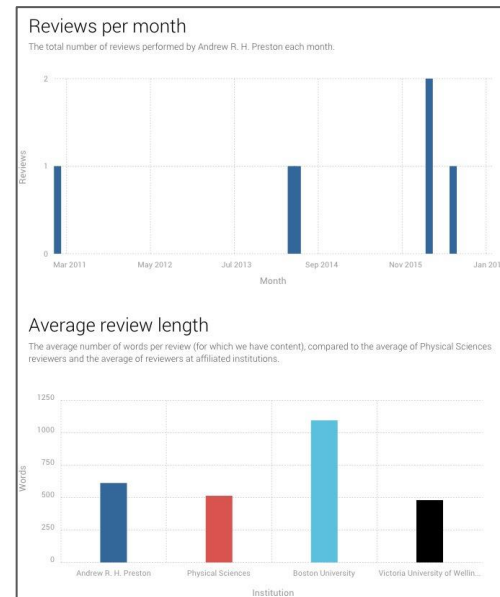
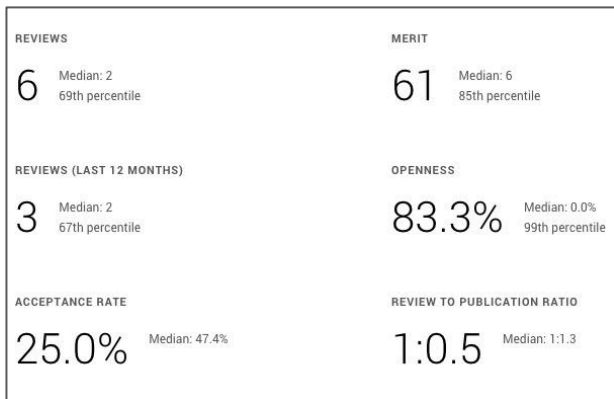
Apr 2014

Journal of Applied Physics

The home of peer review

p

Exclusive statistics, insights and comparisons of your reviewing efforts




Helping researchers stand out

Exclusive guidance, resources and examples detailing how to use your *Peer Review Record* for:

- Individual evaluations
- Promotion, tenure, job, funding and grant applications
- Visa applications for outstanding researchers
- Continuing professional development


publons.com/community/career/



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Increasing Your Odds with Peer Review

Publons puts the spotlight on Shervin Assari, a community mental health researcher at the University of Michigan, Ann Arbor, USA. Recently elected as a Fellow of the New York Academy of Medicine (NYAM), Shervin tells us how his review and editorial services strengthen his bid for fellowships, promotions and grants.



Shervin Assari
University of Michigan
Faculty Member - University of Michigan Department of Psychiatry
Frontiers
Faculty Mentor - Center for Research on Ethnicity, Culture, and Health,
University of Michigan School of Public Health, Ann Arbor, MI, USA

Verified reviewer Publications advisor 1 445 Reviewer Ment 10 Editor Ment

publons.com/197856/ 0000-0002-0004-0200

Tell us a bit about the NYAM fellowship:

I was recently elected as a Fellow of the New York Academy of Medicine (NYAM). This is a very prestigious academy with more than 150 years of history in Urban Health. Eligibility required over 10 years work experience and an outstanding contribution to the field of medicine / health.

What was involved in the application process?

I gave my CV and an overview of my academic history to the two people nominating me for the position. They used this to write a recommendation letter, highlighting my contributions across teaching, research and services. Peer review and editorial work falls under services, so two pages of my CV was dedicated to that.



As an academic involved in senior management, I have served on my university's promotion committees over many years. I also regularly offer external critique for tenure panels for several international research institutions.

Peer review activity is an important criteria for demonstrating an individual's standing, engagement and contribution to their global academic community.

This is always a very difficult activity to assess but with the advent of Publons, there is now scope to capture the depth and breadth of an individual's contribution. I believe that this verified peer review evidence is helpful for all academic researchers, especially those who are seeking career advancement.

Professor Alan Stitt, McCauley Chair of Experimental Ophthalmology - Centre for Experimental Medicine, The Queen's University Belfast

World University Rankings 2015-2016

The *Times Higher Education* World University Rankings 2015-2016 list the best global universities and are the only international university performance tables to judge world class universities across all of their core missions - teaching, research, knowledge transfer and international outlook.































[Read more...](#)

2016

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ELSEVIER

Raise your institution's profile as a center of research excellence

- Help your institution climb the world peer review rankings.
- Set your institution apart in funding and assessment rounds with new evidence of its influence over research.

| # | INSTITUTION | REVIEWERS | REVIEWS ▼ | MERIT | OPENNESS | TOP PUBLONS REVIEWER |
|----|-----------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|--------|----------|-----------------------------------------------------------------------------------------------------------------|
| 1 |  The University of Queensland | 392 | 5,579 | 17,529 | 1.4% |  Neal M. Ashkanasy |
| 2 |  Lund University | 120 | 5,477 | 16,389 | 0.4% |  Jonas Ranstam |
| 3 |  Universidade de Lisboa | 159 | 3,686 | 12,216 | 3.6% |  Mário Costa |
| 4 |  University College London | 267 | 3,387 | 10,976 | 5.1% |  Axel Petzold |
| 5 |  Sapienza University of Rome | 185 | 2,952 | 8,588 | 1.1% |  Marco Rossi |
| 6 |  The University of Melbourne | 222 | 2,769 | 8,323 | 1% |  Nathan Lawrentschuk |
| 7 |  Consiglio Nazionale delle Ricerche (CNR) The... | 126 | 2,657 | 9,182 | 17% |  Alessia Paglialonga |
| 8 |  CNRS | 98 | 2,550 | 7,704 | 0.9% |  Michel Thiebaut de Schotten |
| 9 |  University of Sydney | 199 | 2,530 | 7,692 | 0.7% |  Henry Woo |
| 10 |  University of Cambridge | 178 | 2,377 | 7,417 | 4.8% |  Fei Jin |
| 11 |  CSIC - Spanish National Research Council | 75 | 2,358 | 7,378 | 2.4% |  Oscar Gordo |
| 12 |  Universidade de Aveiro | 101 | 2,258 | 7,262 | 0.8% |  Robert C Pullar |
| 13 |  Columbia University | 95 | 2,256 | 9,153 | 17.7% |  Gaetano Santulli |
| 14 |  Imperial College London | 121 | 2,161 | 8,506 | 12.1% |  GN George K. Nikas |
| 15 |  University of Bologna | 166 | 2,052 | 6,472 | 4.2% |  Jacopo Iannacci |

Building the future of peer review

Networked

Open?

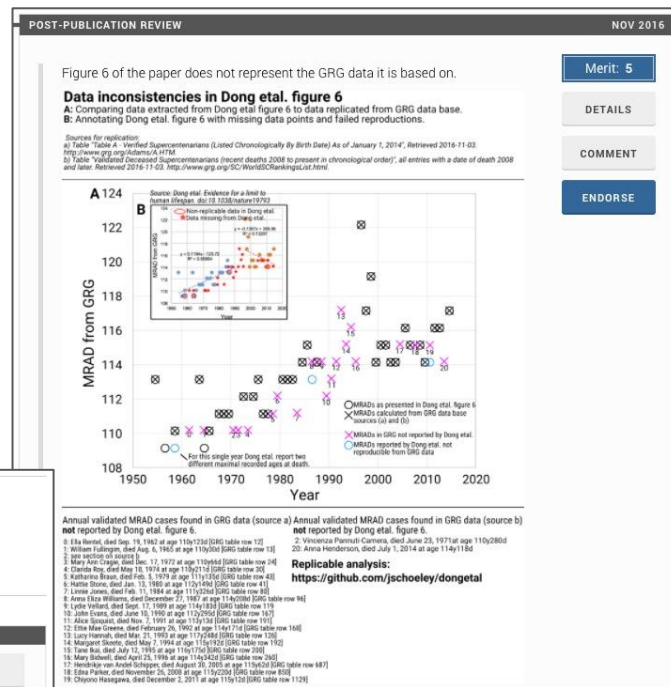
Craftsmanship

Recognition

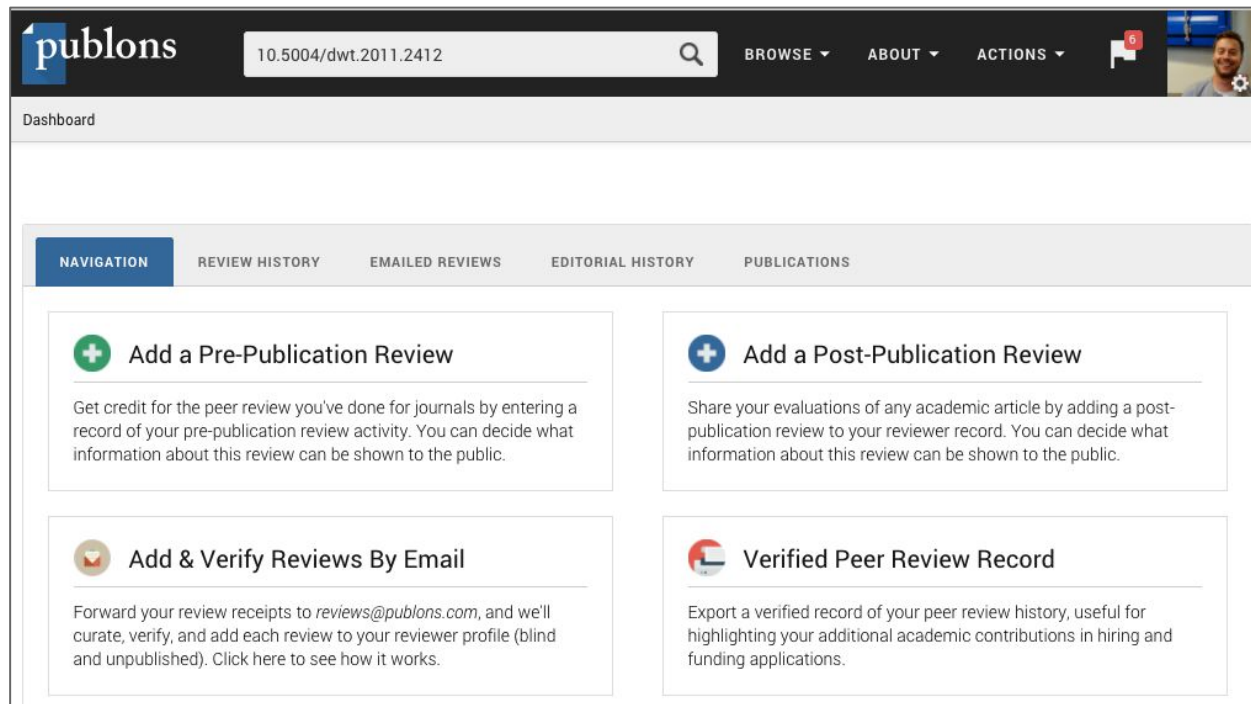
Helping the world better understand research

Add **post-publication reviews, scores** and **comments** to research you care about.

A network of experts bringing new insight and context to published research.



1. Import any article by DOI



The screenshot displays the Publons user interface. At the top, the 'publons' logo is on the left, followed by a search bar containing the DOI '10.5004/dwt.2011.2412'. To the right of the search bar are links for 'BROWSE', 'ABOUT', and 'ACTIONS', along with a notification icon showing '6' and a user profile picture. Below the header is a 'Dashboard' section. A navigation bar contains five tabs: 'NAVIGATION' (active), 'REVIEW HISTORY', 'EMAILED REVIEWS', 'EDITORIAL HISTORY', and 'PUBLICATIONS'. The main content area features four cards:

- Add a Pre-Publication Review**: Get credit for the peer review you've done for journals by entering a record of your pre-publication review activity. You can decide what information about this review can be shown to the public.
- Add a Post-Publication Review**: Share your evaluations of any academic article by adding a post-publication review to your reviewer record. You can decide what information about this review can be shown to the public.
- Add & Verify Reviews By Email**: Forward your review receipts to reviews@publons.com, and we'll curate, verify, and add each review to your reviewer profile (blind and unpublished). Click here to see how it works.
- Verified Peer Review Record**: Export a verified record of your peer review history, useful for highlighting your additional academic contributions in hiring and funding applications.

2. Add your post-publication comments to begin a discussion

The screenshot shows the Publons website interface for adding a post-publication review. The top navigation bar includes the Publons logo, a search bar with the DOI 10.5004/dwt.2011.2412, and links for BROWSE, ABOUT, and ACTIONS. A user profile picture is visible in the top right corner. The left sidebar contains a 'Dashboard' link and a 'NAVIGATION' section with three options: 'Add a review' (highlighted with a green plus icon), 'Add a comment' (with a speech bubble icon), and 'Add a question' (with a question mark icon). The main content area is titled 'Add a Post-Publication Review' with a blue plus icon. Below the title is a descriptive sentence: 'Demonstrate your expertise and share your thoughts by writing a post-publication review of any academic article that you've read.' The form includes two input fields: 'Publication Title' with the text 'Research articles published in water resources journals: A bibliometric analysis' and a small icon, and 'Publication DOI' with the text '10.5004/dwt.2011.2412'. Below these fields is a section for privacy settings, titled 'Protect your anonymity and control how a review is displayed on your profile. Your review will remain completely anonymous unless you select "Show I reviewed this article".' It features a 'Privacy' dropdown menu currently set to 'Show I reviewed this article'. A link 'Find out more about review permissions.' is provided. At the bottom, there are two tabs: 'WRITE' (active) and 'PREVIEW'. The 'WRITE' tab shows a text area for 'Content (supports Mathjax and Markdown)' with the placeholder text 'A few thoughts on this manuscript...'. To the right of the text area are two checkboxes: 'Parsed as Markdown' (checked) and 'Parsed as MathJax' (unchecked).

publons

10.5004/dwt.2011.2412

BROWSE ABOUT ACTIONS

Dashboard

NAVIGATION

+ Add a review

Get credit for the record of your previous information about

+ Add a comment

Forward your review, curate, verify, and unpublished

+ Add a question

Forward your review, curate, verify, and unpublished

Add a Post-Publication Review

Demonstrate your expertise and share your thoughts by writing a post-publication review of any academic article that you've read.

Publication Title
Research articles published in water resources journals: A bibliometric analysis

Publication DOI
10.5004/dwt.2011.2412

Protect your anonymity and control how a review is displayed on your profile. Your review will remain completely anonymous unless you select "Show I reviewed this article".

Privacy
Show I reviewed this article

Find out more about review permissions.

WRITE PREVIEW

Parsed as Markdown Parsed as MathJax

Content (supports Mathjax and Markdown)
A few thoughts on this manuscript...

3. Build out your profile and increase your merit

The image shows a screenshot of the Publons website. The main header includes the Publons logo, a search bar with the text '10.5004/dwt.2011.2412', and navigation links for 'BROWSE', 'ABOUT', and 'ACTIONS'. A user profile picture is visible in the top right corner.

The left sidebar contains a 'Dashboard' link and a 'NAVIGATION' section with three options: 'Add a Post-Publication Review', 'Add a Pre-Publication Review', and 'Add & Forward your review'. The 'Add a Post-Publication Review' option is highlighted.

The main content area displays the 'Add a Post-Publication Review' modal. It includes a section for 'Publication Title' with the text 'Research articles published in the Journal of Informetrics'. Below this, there is a section for 'Privacy' with the text 'Show I reviewed this article'. A 'WRITE' button is visible.

The right sidebar shows the user's profile for 'Andrew R. H. Preston'. It includes a profile picture, a bio, and a list of reviews. The 'PRE PUBLICATION REVIEWS' section lists several reviews, including 'Reviewed for Journal of Informetrics' (2016) and 'Reviewed Electronic transitions in G... for Journal of Applied Physics' (May 2014). The 'POST PUBLICATION REVIEWS' section lists reviews such as 'Reviewed The Metric Tide: Correlation analysis of REF2014 scor...' (Jul 2015) and 'Reviewed Analysis of the Theory of Abstraction' (Aug 2013).

At the bottom left, there is a blue banner with the text 'The home of DOI minted!'. At the bottom right, there is a blue banner with a large white letter 'p'.

Today: browse thousands of post-publication reviews on Publons

Publications

Filters

CLEAR ALL

Title

Research field
















DOI

Journal

Published Content

Has pre-publication reviews

☒ Has post-publication reviews

| DATE | TITLE | JOURNAL | DOI | SCORE | ALTMETRIC |
|----------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Sep 2016 | Managing an Open Access Fund: Tips from the Tren... |  Journal of Copyright in E... | 10.17161/jcel.v1i1.5920 |  |  |
| Sep 2016 | Rock physics-based carbonate pore type identificati... |  Journal of Petroleum Sci... | 10.1016/j.petrol.2016.03.021 |  |  |
| Aug 2016 | Ready-to-Use Methods for the Detection of Clouds, C... |  Remote Sensing | 10.3390/rs8080666 |  |  |
| Aug 2016 | Electrochemical storage mechanisms in non-stoichi... |  Electrochimica Acta | 10.1016/j.electacta.2016.05.036 |  |  |
| Aug 2016 | Book Review |  Microelectronics Reliability | 10.1016/j.microrel.2016.06.002 |  |  |

But how do I become a reviewer?

Early career researchers

Many researchers want to review, but simply have not been asked

The disconnect



Editors

Most editors say that finding reviewers is the hardest part of their job

The problem

Early career researchers

How can I prove I'm a good reviewer?

Editors

How do I know if they're a good reviewer?



The solution

Early career researchers

- **Coursework**
To learn the craft of review
- **Mentorship**
Supervisor provides subject specific expertise
- **Profile**
Highlights expertise with post-pub reviews

Editors

- **New reviewers**
A source of motivated experts
- **Evaluate skills**
Easily reference
 - Supervisor endorsement
 - Text of post-pub reviews





WELCOME TO PUBLONS ACADEMY

Learn the art of peer review

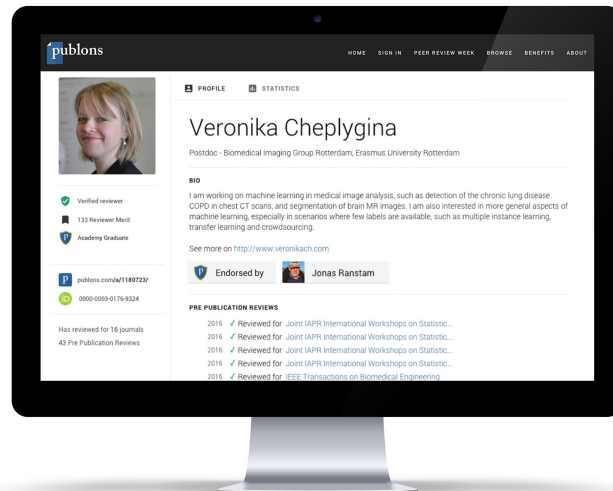
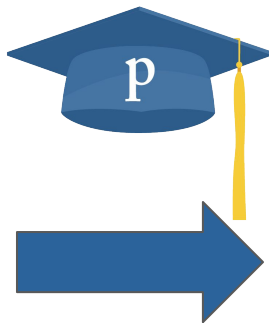
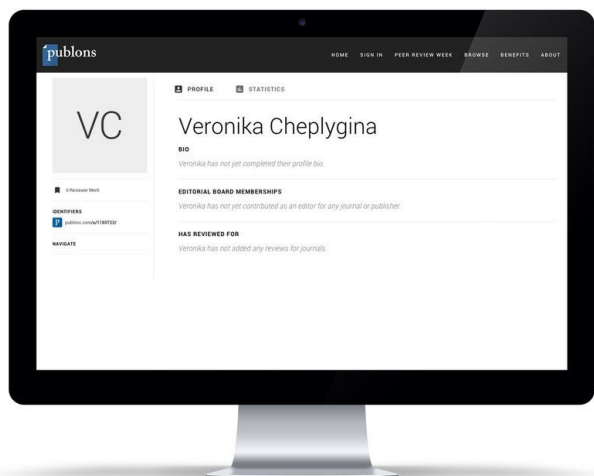
Free, online course designed by the world's expert reviewers and editors.

Academy graduates will:

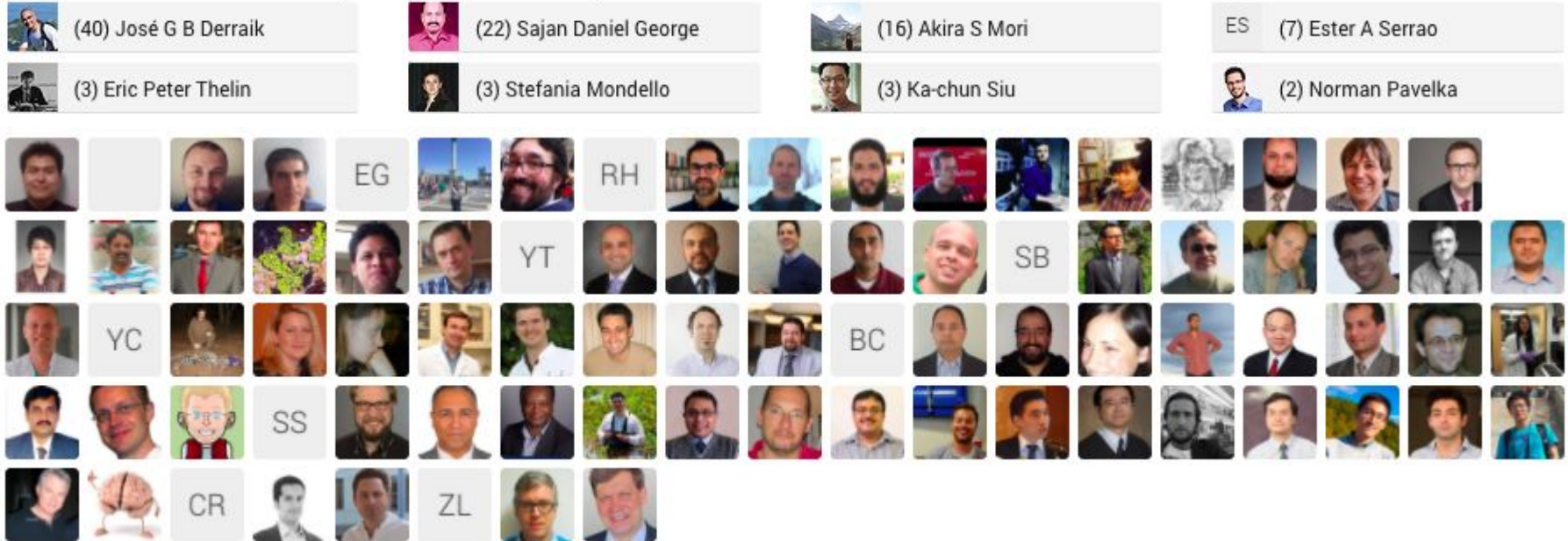
- Understand how the peer review process works
- Have reviewed papers in their area of expertise
- Be endorsed by their supervisor
- Connect with editors at relevant journals

publons.com/academy

Build your profile as an expert reviewer



Get in front of top editors on Publons



Recap

- There is a great opportunity to improve research by bringing balance back to the system. This requires:
 - modern tools to turn peer review into a measurable output
 - All players in the research ecosystem to recognise and reward peer review relative to its importance
- A future comprised of a network of experts willing to discuss and evaluate the world's research can expand the cone of discovery and progress. This network needs to be built on a foundation of recognition.
- Early career researchers are the future. We need to help them show their reviewing expertise and become active reviewers.

Questions?



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