



# Peer Review on ScienceOpen

Peer Review Week 10-15 September 2018  
@Science\_Open @SDawsonBerlin





Can diversity be achieved by openness  
and integration?

# Peer review environment on ScienceOpen

## Review

- 1.5 million preprints
- 43.5 million articles

★★★★★ excellent

**Level of importance\*:** Is the publication of relevance for the academic community and does it provide important insights? Does the work represent a new approach or new findings in comparison with other publications in the field?

☆☆☆☆☆

**Level of validity\*:** Is the hypothesis clearly formulated? Is the argumentation stringent? Are the data sound, well-controlled and statistically significant? Is the interpretation balanced and supported by the data? Are appropriate and state-of-the-art methods used?

☆☆☆☆☆

**Level of completeness\*:** Do the authors reference the appropriate scholarly context? Do the authors provide or cite all information to follow their findings or argumentation? Do they cite the all relevant publications in the field?

☆☆☆☆☆

**Level of comprehensibility\*:** Is the language correct and easy to understand for an academic in the field? Are the figures well displayed and captions properly described? Is the article systematically and logically organized?

# Open post-publication peer review on ScienceOpen / Integration with CrossRef, ORCID

Review by Lauren Collister

[Review](#)



Lauren Collister evaluated the article as:



What are the benefits and drawbacks of using a smartphone app to crowdsource language change data?

Publication date: 01 September 2016

DOI: 10.14293/S2199-1006.1.SOR-UNCAT.A4699763.v1.RZVXZU

Level of importance: ★★★★★

Level of validity: ★★★★★

Level of completeness: ★★★★★

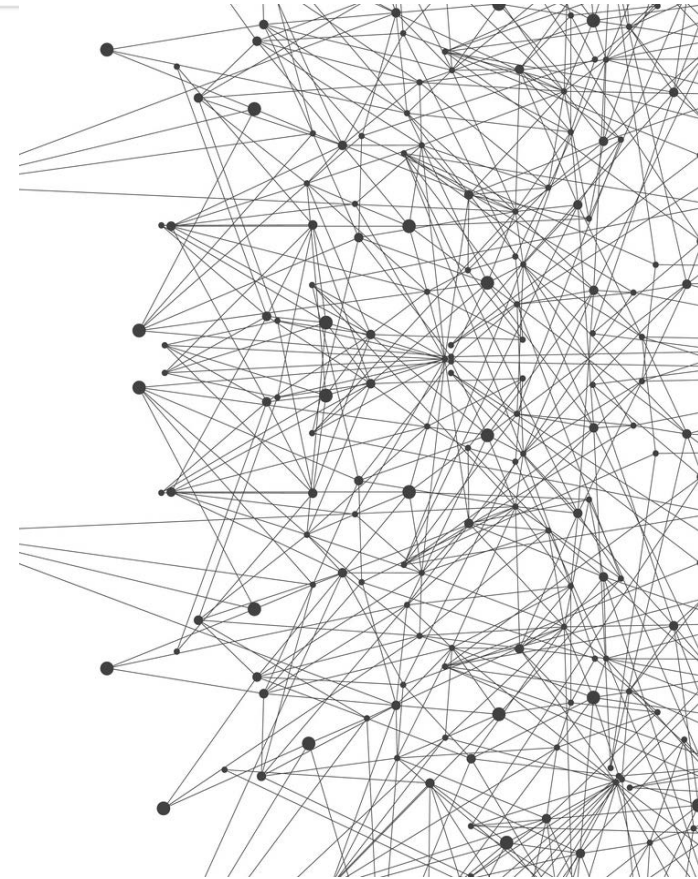
Level of comprehensibility: ★★★★★

Competing interests: None

Recommend this review:  2 people recommend this

## Comments

This project is an interesting one and provides a step into the logical next step of studying language change. Using crowdsourcing via a mobile app available for iOS, the authors collected age and location data for Swiss German speakers and also collected their use of different variables. These data were compared to a 70-year-old dialectological survey of Swiss German to investigate language change.

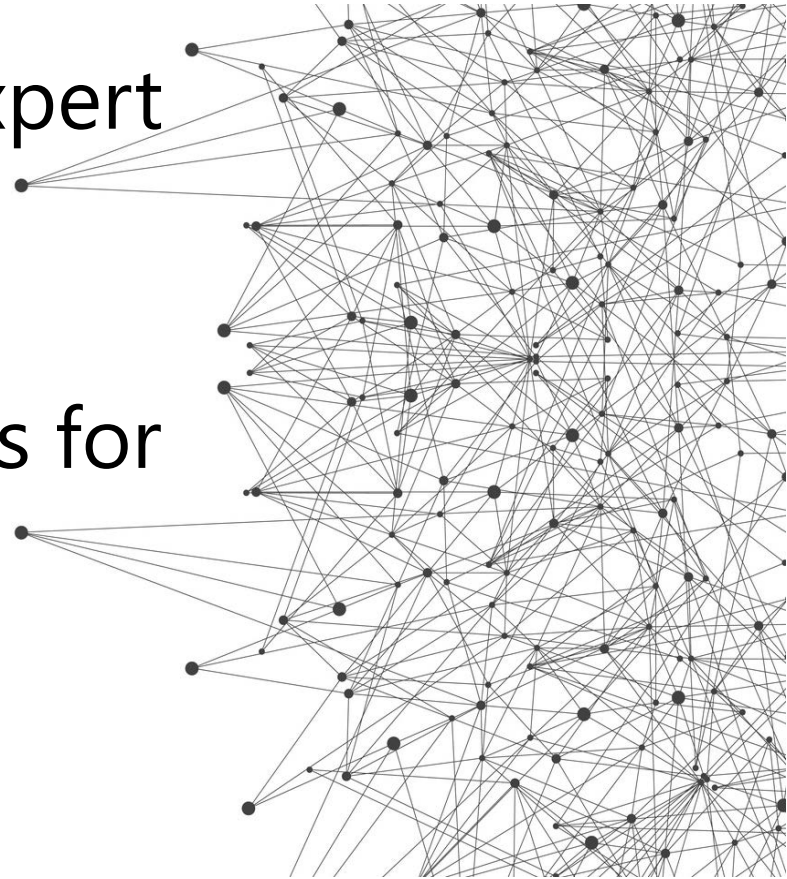




# Reviewer requirements: Integration with ORCID

Opening up the process of expert review to any researcher with

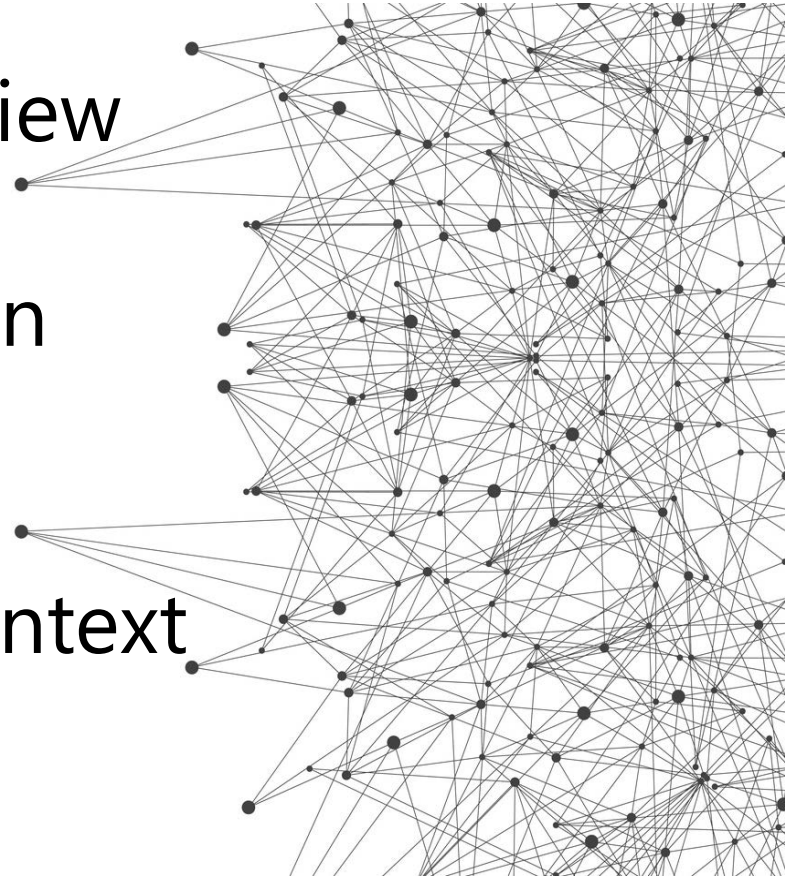
- 5 publications on ORCID
- Editor-mediated exceptions for ERCs
- Open reviewer invitation function



# Post-publication peer review

Article review ↔ Book review

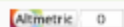
- Post-publication evaluation
- Published authorship
- Publication
- Reader orientation and context



# Example on ScienceOpen

138

views



0

cited by

MOST CITED

0

comments



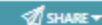
2

recommends

RECOMMENDED

1

shares




179

similar

ALL SIMILAR

## Similar articles

179

REVIEW 

The Laos tou Theou - an orthodox view of the 'people of God'

Authors: Angelo Nicolaides

Socioeconomic Factors and All Cause and Cause-Specific Mortality among Older People in Latin America, India, and China: A Population-Based Cohort Study

Authors: Cleusa Ferri, Daisy Acosta, Mariella Guerra ...

Ca3 fingerprinting of Candida albicans bloodstream isolates from the United States, Canada, South America, and Europe reveals a European clade.

Authors: Claude Pujol, David R. Soll, Michael Pfaller

See all similar ▶

## Review of 'The faces of God in America: Revealing religious diversity across people and politics'

Author: Frederic Lefrancois

Publication date: 2018-06-22



An original study opening interesting research perspectives on collective representations of God.

Average rating: ★★★★★

Level of importance: ★★★★★


Level of validity: ★★★★★

Level of completeness: ★★★★★

Level of comprehensibility: ★★★★★

Competing interests: None

## Reviewed article

RECORD ABSTRACT ARTICLE 

The faces of God in America: Revealing religious diversity across people and politics

# Integration with Crossref

Each review receives a Crossref DOI in the new peer review metadata schema

Review of "The faces of God in America: Revealing religious diversity across people and politics"

Peer Review published 22 Jun 2018

Authors: Frederic Lefrancois

<https://doi.org/10.14293/s2199-1006.1.sor-uncat.a5995373.v1.rhrmgu> Actions

URL: "<http://dx.doi.org/10.14293/s2199-1006.1.sor-uncat.a5995373.v1.rhrmgu>",

```
- relation: {  
  - is-review-of: [  
    {
```

```
      id-type: "doi",  
      id: "10.1371/journal.pone.0198745",  
      asserted-by: "subject"
```

```
- review: {  
  stage: "post-publication"
```



# Integration with ORCID

▼ Works (44 of 44)

Sort

Rehearsing the postcolonial Oedipus

2018-06-08 | conference-paper

OTHER-ID: [hal-01812713v1](#)

Source: Frederic Lefrancois

Preferred source

Review of "The faces of God in America: Revealing religious diversity across people and politics"

2018-06 | other

DOI: [10.14293/s2199-1006.1.sor-uncat.a5995373.v1.rhrmgu](#)

Source: CrossRef Metadata Search

Preferred source

Feeling British

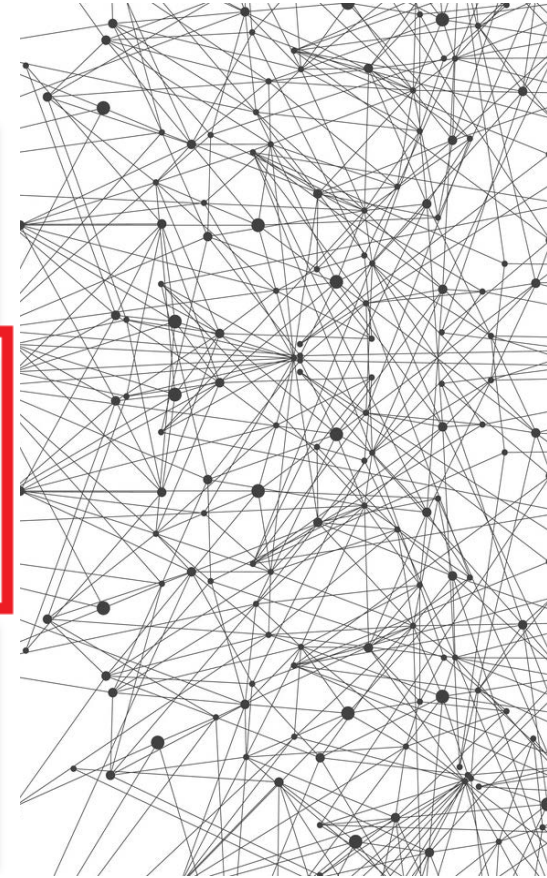
Research Gate

2018-05-29 | online-resource

DOI: [DOI: 10.13140/RG.2.2.19775.41129](#)

Source: Frederic Lefrancois

Preferred source (of 3)





What is the future of peer review?

A complex network diagram with numerous black nodes connected by thin grey lines, forming a dense web of connections.

Rise of pre-print publishing

Rich citation analysis

Aggregation of online attention

Article-level identifiers

Data/code publishing

Megajournals

Post-Publication

Text-/Datamining

A complex network diagram with numerous black nodes connected by thin grey lines, forming a dense web of connections.



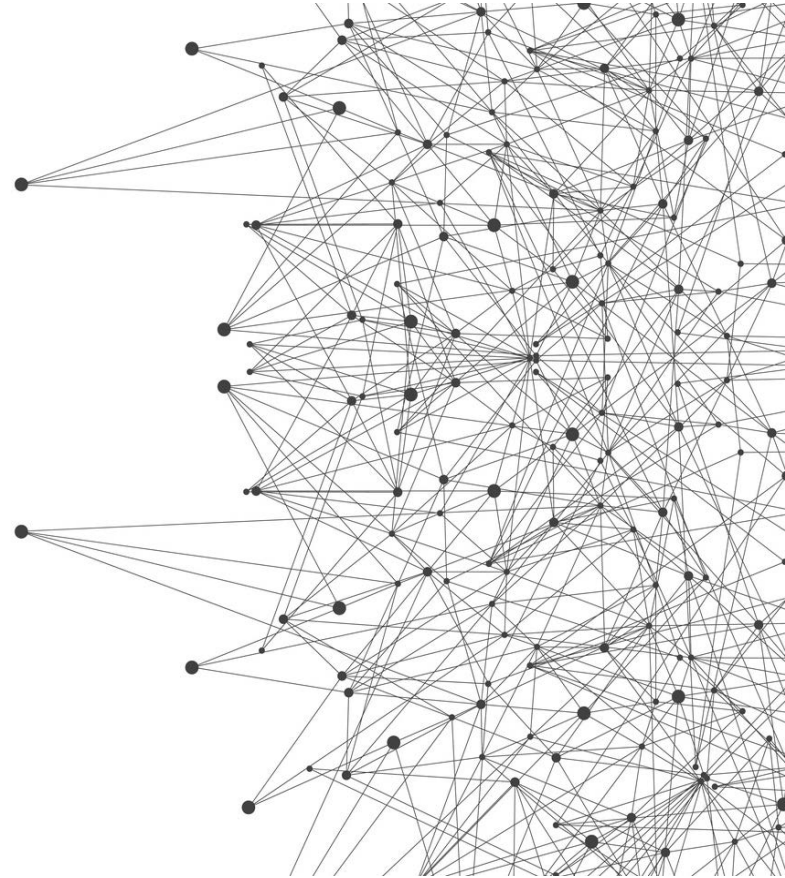
# Could we use information generated by peer review to learn more about a research topic?

## IF

- Open review with researcher's full publication history
- Post-publication evaluation of results

## THEN

- Context
  - Interpretation
- Author/Reviewer reputation systems



# Context-driven search & discovery

## Narrow by collection

Climate Change: Open Access	11,668
Ticks and tick-borne pathogens	63
South African Journal of Science	45
Zika Virus	43
Coleoptera	26

## Narrow by publisher

Public Library of Science	2,060
MDPI	862
BioMed Central	688
Copernicus GmbH	652
Nature Publishing Group	610

## Narrow by journal

PLoS ONE	1,789
Scientific Reports	730
Ecology and Evolution	454
Frontiers in Plant Science	311
International Journal of Environmental Research and Public Health	263

## Search

New search ✕

Content Authors Collections Featured Journals Publishers

climate change

☒ Exact match

Open Access? ☒

11,670 results


Add filter ▾

Save search

Export as citations ▾

Sort by Altmetric score ▾

Search Q

RECORD ABSTRACT ARTICLE 


### Trajectories of the Earth System in the Anthropocene

Will Steffen, Johan Rockström, Katherine Richardson, Timothy M. Lenton, Carl Folke, 11 more... (2018)

We explore the risk that self-reinforcing feedbacks could push the Earth System toward a planetary threshold that, if crossed, could prevent stabilization of the climate at intermediate temperature rises and cause continued warming on a "Hothouse" [Show more](#)




 64 views  1      0

 Add to collection

 Remove

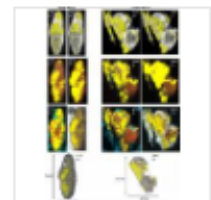
 Altmetric 4,841

RECORD ABSTRACT ARTICLE 


### Multi-modal survey of Adélie penguin mega-colonies reveals the Danger Islands as a seabird hotspot

Alex Borowicz, Philip McDowall, Casey Youngflesh, Thomas Sayre-McCord, Gemma Clucas, 9 more... (2018)

Despite concerted international effort to track and interpret shifts in the abundance and distribution of Adélie penguins, large populations continue to be identified. Here we report on a major hotspot of Adélie penguin abundance identified [Show more](#)

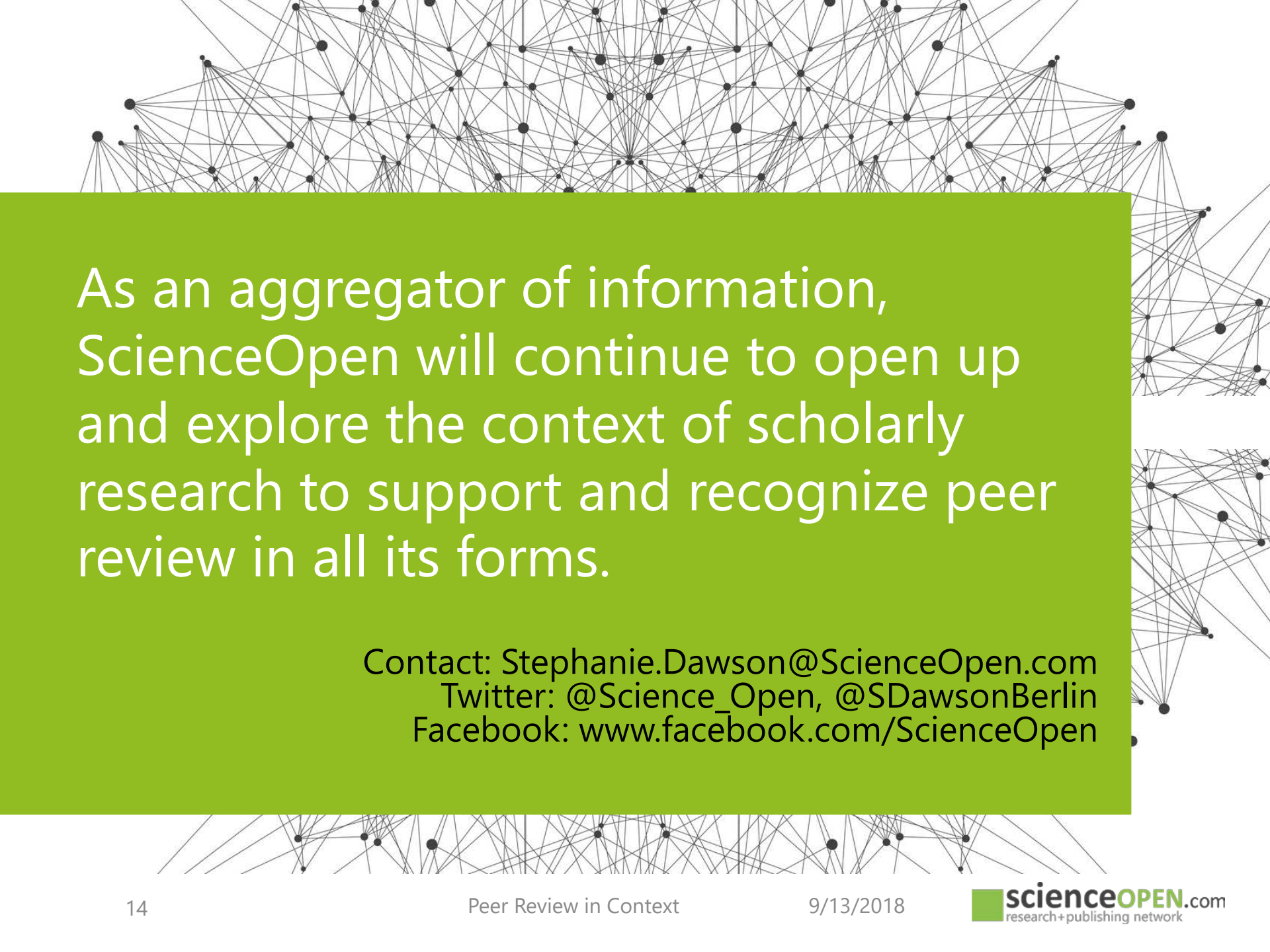


 10 views  1      0

 Add to collection

 Remove

 Altmetric 2,356

A complex network diagram with numerous black nodes connected by thin grey lines, forming a dense web-like structure that serves as the background for the slide.

As an aggregator of information,  
ScienceOpen will continue to open up  
and explore the context of scholarly  
research to support and recognize peer  
review in all its forms.

Contact: [Stephanie.Dawson@ScienceOpen.com](mailto:Stephanie.Dawson@ScienceOpen.com)  
Twitter: @Science\_Open, @SDawsonBerlin  
Facebook: [www.facebook.com/ScienceOpen](https://www.facebook.com/ScienceOpen)