Journal of Research in Science Teaching

An overview of *JRST* metrics, opportunities, and resources for NARST members and prospective authors

Message from the JRST Editors

Colleagues,

We are excited to present information about *JRST* in this virtual presentation. We have been working closely with our Wiley team and learning more about *JRST* and moving the journal to the next level. Our Vision for JRST outlines three strategic foci for the journal during our editorship:

1. Promoting equity and diversity of the *JRST* community.
2. Leading efforts to establish disciplinary norms, criteria, and expectations relative to the evolving landscape of open access and open science across the publishing industry.
3. Building a stronger presence for *JRST* within the modern media environment such that *JRST*-published research achieves broader reach and impact for the improvement of science education practice and policy.

This presentation touches upon the foci in various ways. We are still exploring the many opportunities that are open to us in the fast-pace, changing world of publishing. We cannot take up everything, nor will we try, but we want the NARST community and those who read *JRST* to be aware of some the more exciting things we are learning and considering for the journal, the authors/researchers who contribute to *JRST*, and readers of the journal.

We welcome your comments and questions which we will address and make available to you. You can access the form here. Thank you in advance for your feedback!

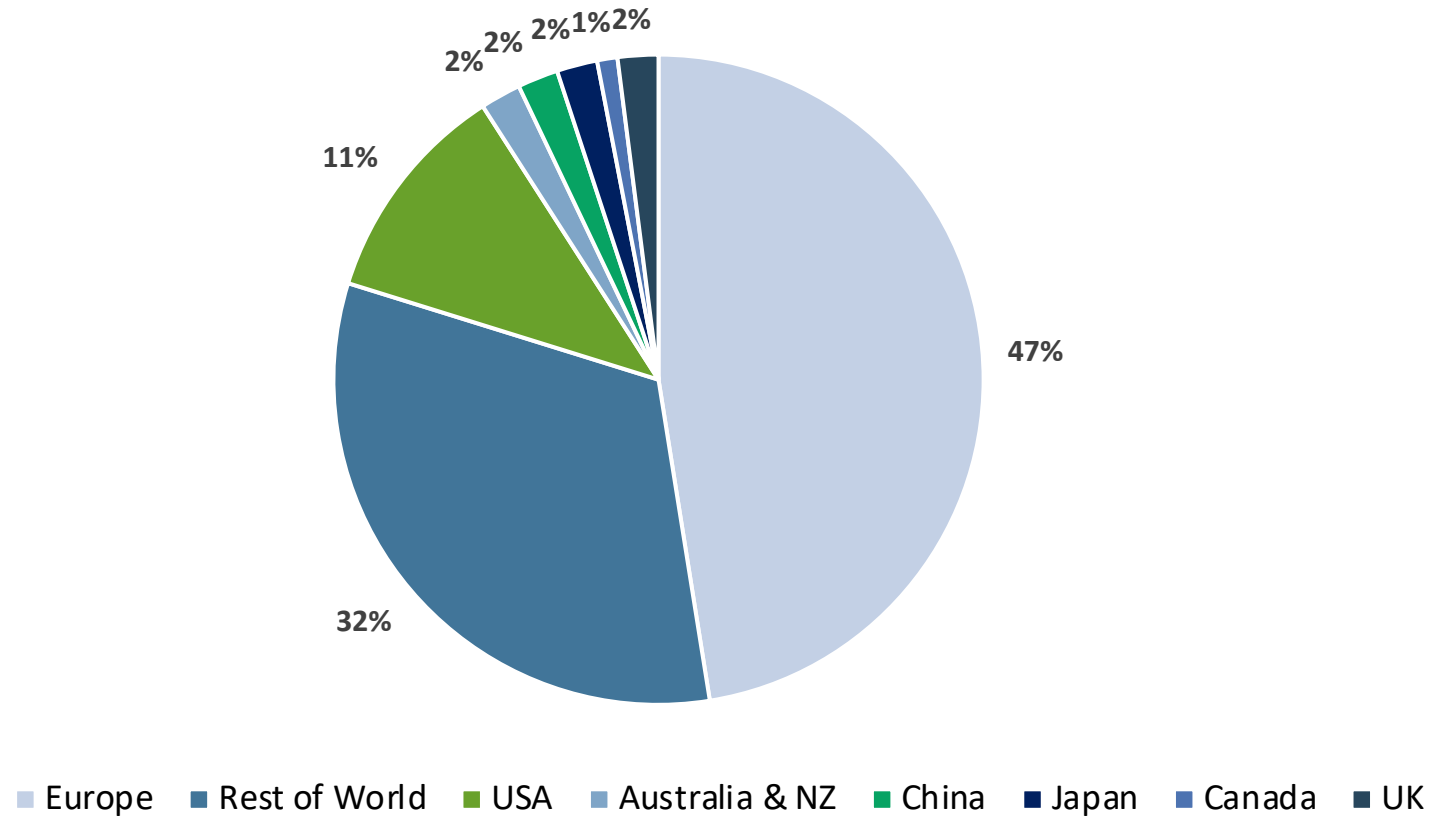*Troy Sadler* and *Felicia Mensah*

Circulation, Readership, Impact

Together, *JRST* and Wiley are working to maintain its high reputation of research.

JRST Circulation

The *Journal of Research in Science Teaching* has nearly 7,000 institutional subscribers worldwide, while an additional 6,000 developing world institutions have access to *JRST* content via Wiley's philanthropic initiatives.
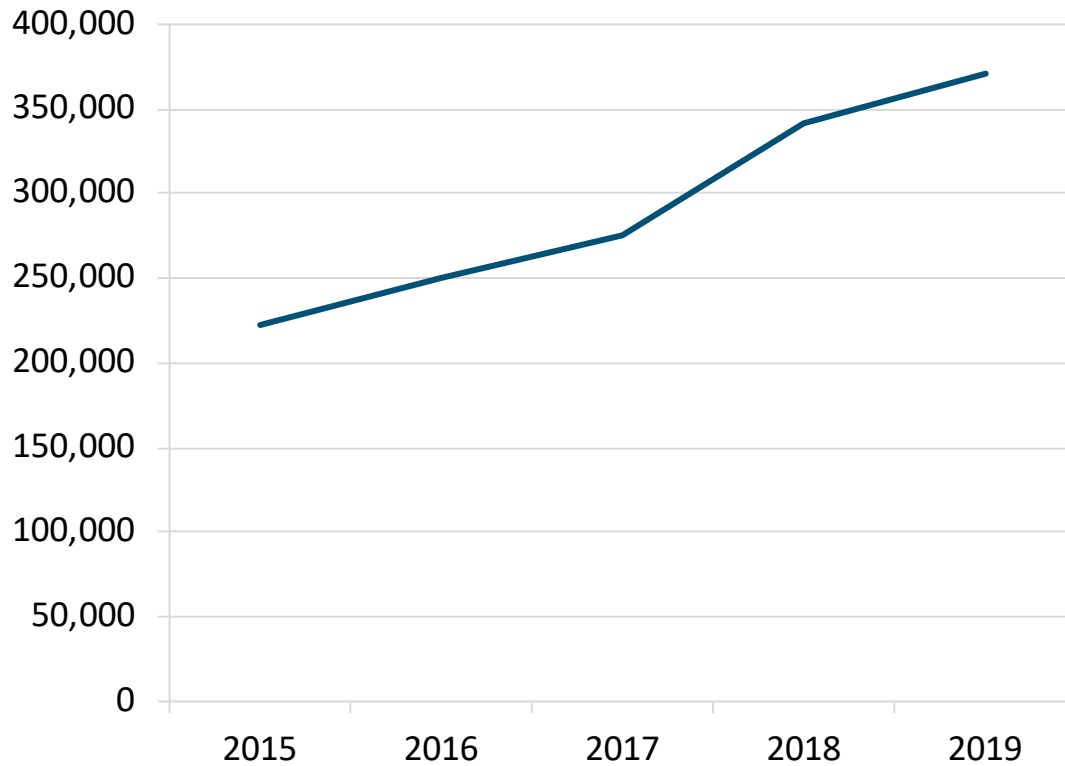
Reach by Region

Legend: Europe · Rest of World · USA · Australia & NZ · China · Japan · Canada · UK

Pie chart values: Europe 47%, Rest of World 32%, USA 11%, 2%, 2%, 2%, 1%, 2%

JRST Readership

The *Journal of Research in Science Teaching* received over 370,000 full-text downloads in 2019. On average, individual *JRST* articles receive over 400 full-text downloads.

Article Downloads Trend

JRST's Top Downloading Countries in 2019

|	
1. United States	6. Germany
2. China	7. Canada
3. United Kingdom	8. Philippines
4. Australia	9. Taiwan
5. Turkey	10. South Korea

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JRST's 2018 Impact Factor

Citations in 2018 to papers published in 2016 and 2017

$$\frac{\text{Citations in 2018 to papers published in 2016 and 2017}}{\text{Citable items published in 2016 and 2017}} = \frac{348}{111} = \mathbf{3.135}$$

IF Rankings (Clarivate/Web of Science)

Education & Educational Research — 17/243

Impact Factor Over Time
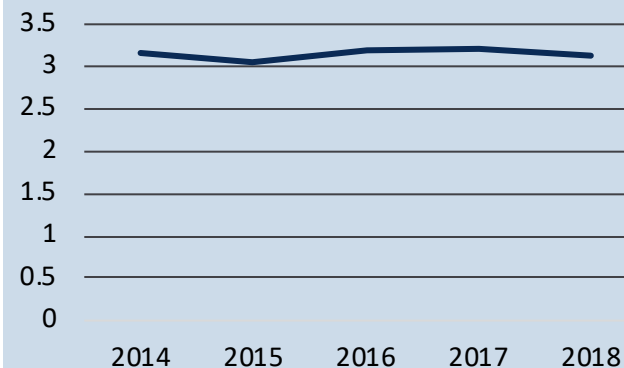
	Journals citing *JRST* the most in 2018		Journals cited by *JRST* the most in 2018
1	Journal of Research in Science Teaching	1	Journal of Research in Science Teaching
2	International Journal of Science Education	2	Science Education
3	Research in Science Education	3	International Journal of Science Education
4	Science Education	4	American Educational Research Journal
5	Chemistry Education Research and Practice	5	Journal of the Learning Sciences
6	Physical Review Physics Education Research	6	Review of Educational Research
7	Journal of Science Education and Technology	7	Research in Science Education
8	CBE – Life Sciences Education	8	Journal of Science Teacher Education
9	Journal of Baltic Science Education	9	Educational Researcher
10	Education Sciences	10	Journal of Educational Psychology

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Open Research

Together, *JRST* and Wiley are working to promote Open Research.

Open Research

To the right are the various areas of Open Research *JRST* and Wiley are exploring

Additionally, the *JRST* Editorial Board will begin discussions of an updated policy on data-sharing, as well as the idea of Open Science Badges.

Open Collaboration tools like Authorea and Manuscripts are described later in the Author Resources section.

JRST was an early adopter of both ORCID iDs and Publons.

Open Access
Increasing accessibility of publicly funded research

Open Data
Enabling reproducibility and verification of researcher data, methodology, and reporting standards

Open Practices
Embracing greater transparency throughout the research process

Open Collaboration
Supporting inclusive and networked research practices

Open Recognition & Reward
Helping to integrate researcher identification and evaluation tools

Publishing Open Access in *JRST*

You may opt to publish your paper Open Access (OA) in *JRST* under a Creative Commons license by paying a $3,300 Article Publication Charge (APC).

However, it is possible your APC will be discounted or fully-funded by your institution. Over 100 organizations have signed up for Wiley Open Access accounts to discount or fully fund their faculty's Open Access charges.

Additionally, Wiley has established many transformative Open Access agreements with countries and consortiums, so it's possible your *JRST* APC would be funded via one of these arrangements:
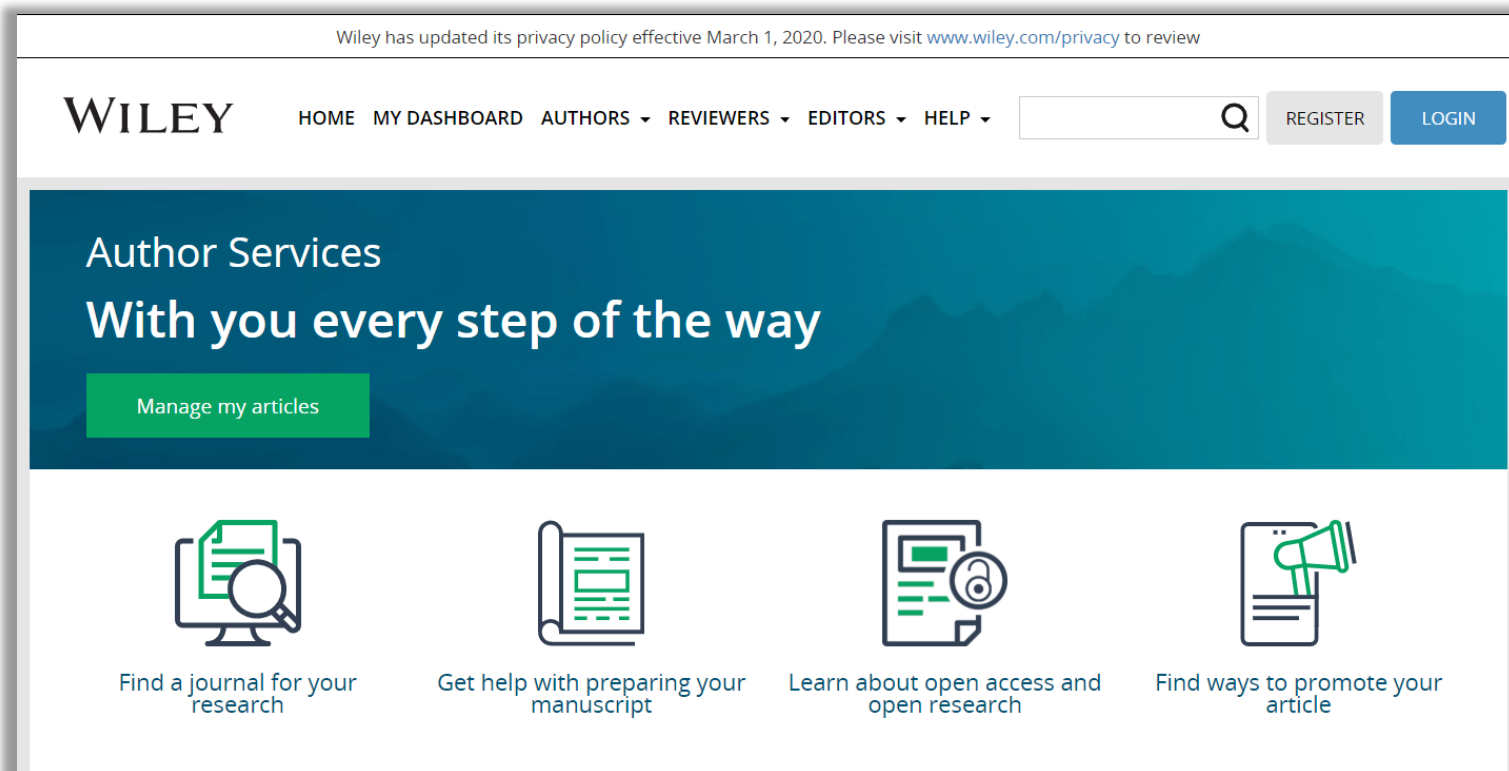
- OA for authors at eligible **German** institutions

- OA for authors at eligible **Austrian** institutions

- OA for authors at eligible **Dutch** institutions

- OA for authors at eligible **Norwegian** institutions

- OA for authors at eligible **Hungarian** institutions

- OA for authors at eligible **Swedish** institutions

- OA for authors at eligible **Jisc (UK)** institutions

- OA for authors at **Virtual Library of Virginia (VIVA)** institutions

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Author Resources

As Wiley's publishing partner, *JRST* authors have several helpful tools at their disposal.

Wiley Author Services: Enhancing the Author Experience

Wiley's Author Services site is a treasure trove of resources. Because there is so much information to sift through there, we have included some of the most useful links for you below.

Author Resource Center Journal Finder, editing services, promotional toolkits, and training tools

Author Dashboard
Authors can track the progress of their papers as they make their way through the stages of publication

Wiley Online Licensing Service
Automatic, online, fast license signing, and the ability for authors to change licenses themselves.

Open Access/OnlineOpen Ordering
Allows authors to change how they pay for open access

Article Citation Metrics:
Authors can track citations to their articles

https://authorservices.wiley.com/home.html

Open Collaboration: Manuscripts and Authorea

What are Authorea and Manuscripts?

- Authorea is a free online writing tool that helps you collaborate with an unlimited number of colleagues in private or public groups.

- Manuscripts is a free authoring tool for Mac (PC-friendly version is planned for release) that puts your paper into the right journal submission format.

Benefits of Authorea and Manuscripts Include:

- HTML-based, version-controlled, and collaboration-based

- Members can get access to premium features like data storage, DOI minting, and SSO integrations (for labs)

- Integrated with powerful authoring and document conversion

https://www.authorea.com/
https://www.manuscriptsapp.com/

Wiley Editing Services – With You Every Step of the Way

From manuscript preparation to article promotion, our services save you time and help create the best possible outcome for your work – so you can focus on your research.

Article Preparation Services

- **English Language Editing**

- **Academic Translation**

- **Academic Illustration**

- **Figure Formatting**

- **Graphical Abstract Design**

- **Manuscript Formatting**

Article Promotion Services

- **Video Creation**

- **Conference Poster Creation**

- **Infographic Creation**

- **Lay Summaries**

- **Research News Stories**

https://wileyeditingservices.com/en/

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The Wiley Network

A thought leadership blog dedicated to keeping researchers up-to-date on the latest trends in scholarly publishing

https://www.wiley.com/network/researchers

Author Marketing

JRST values author feedback and frequently promotes its authors' outstanding work.

Wiley's Author Nurture Program

Using the latest marketing technology, Wiley has designed email campaigns to collect your feedback and use it to improve your publishing experience with *JRST* and other Wiley journals.

Voice of the Author Building on our previous Author Satisfaction Surveys, Wiley's Voice of the Author program for *JRST* authors measures your satisfaction level and likelihood to recommend *JRST,* capturing your feedback on your publishing experience. Don't overlook our emails! Your feedback lets the *JRST* editors and Wiley know how we're doing and how we can improve.

Publish with Us Again Using our Voice of the Author program, we identify your publishing needs, preferences, and goals following your recent publication in *JRST* or another Wiley journal. This allows us to personalize our emails to you and time them according to your future publishing plans -from preparing your article, right through to publication. Again, don't overlook our emails! Your responses will ensure you have all the resources you need to successfully publish with us again.

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Author Promotion

Wiley organizes email campaigns to promote *JRST* authors and their cutting-edge work. See below the campaigns you could be featured in:

1 **Increased Impact Factor Campaign**
Targeted to *JRST's* recent authors and sent within 48 hours of the Impact Factor release, this bespoke email campaign highlights *JRST's* Impact Factor successes and thanks authors for their contributions.

2 **Top 20 Articles Campaign**
Recognizes *JRST* authors whose articles have generated the most downloads in the 12 months following publication. Authors are encouraged to promote their accomplishment on Twitter through the hashtag #Top20Article and can download a digital certificate of achievement from *JRST*.

3 **Top Cited Articles Campaign**
This custom campaign, featuring top cited articles from *JRST*, will educate, inform, and further boost the reputation and relevance of your work. The five highest cited articles during the most recent quarter will be made freely available for new readers to download, share, and cite!

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Enhancing the discoverability of *JRST* articles

By leveraging existing license agreements, Wiley maximizes the readership of *JRST* articles and empowers authors to easily share their research.

- **Article Share** enables authors to select up to ten colleagues to receive unlimited free access to their paper.

- **Wiley Content Sharing** allows readers and researchers with institutional access to the journal to access a unique sharing link to an enhanced PDF version of an article on Wiley Online Library, and they can share it with unlimited people.

- **Search Engine Optimization** More than 50% of traffic to Wiley Online Library comes directly from Google, Google Scholar, and other search engines. Wiley does everything possible to ensure that all research content is visible and high ranking in the search results of Google and other engines, but you can also play a crucial role in optimizing the search results for your article – helping people to find, read, and cite your work.

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We welcome your comments and questions which we will address and make available to you. You can access the form here. Thank you in advance for your feedback!

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