

Journal of Pre-College Engineering Education Research (J-PEER)

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Journal of Pre-College Engineering Education Research (J-PEER) Annual Report from January 1, 2023, to December 31, 2023

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Abstract

In this annual report, we present readership trends and authorship metrics of the *Journal of Pre-College Engineering Education Research (J-PEER)* in 2023. *J-PEER* published two issues in volume 13 comprising 15 articles. These articles covered a variety of topics including student-focused participation, outcomes, and practices and teacher-focused instruments and professional development, among other topics. Finally, *Provocations* is launched with a special issue and will be a recurring section of *J-PEER* in future issues.

Document Type

Annual Report

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Annual Report from January 1,
2023, to December 31, 2023

Senay Purzer and Brooks M. Leftwich

Abstract In this annual report, we present readership trends and authorship metrics of the *Journal of Pre-College Engineering Education Research (J-PEER)* in 2023. *J-PEER* published two issues in volume 13 comprising 15 articles. These articles covered a variety of topics including student-focused participation, outcomes, and practices and teacher-focused instruments and professional development, among other topics. Finally, *Provocations* is launched with a special issue and will be a recurring section of *J-PEER* in future issues.

LOOKING FORWARD

We will kick off the new section of *J-PEER*, *Provocations*, with a special issue that will continue the trend of highlighting novel research in response to the current events surrounding pre-college engineering education. These articles aim to give us pause for reflection and motivation for action. Critiquing the current state of P–12 engineering education will be common, and the hope is that these articles inspire continued work to improve the educational space for all students and educators.

In the upcoming year, we want to build on the global readership of *J-PEER* and work toward broadening our authorship. As seen in the statistics in Table 1 and Figure 1, the global reach of *J-PEER* is impressive. With paper downloads spanning the world and being viewed in a record 178 countries, we must continue to bring in authors from a variety of contexts to meet the needs of students and educators worldwide.

J-PEER 2023 READERSHIP REPORT

J-PEER's readership reached record highs in the number of downloads, metadata page hits, and countries in 2023 (see Table 1 and Figure 1). Particularly with downloads and metadata page hits, J-PEER saw tremendous increases from 2023 and even the previous highs from 2022. These statistics speak to the authors' efforts to produce high-quality research with implications across the globe. As evidenced by the record

Table 1. The Number of Downloads, Page Hits, Institutions, and Countries

Year	Number of Total Downloads	Metadata Page Hits	Number of Institutions	Number of Countries
2023	46,136	26,382	2,340	178
2022	38,742	22,038	2,396	171
2021	44,349	21,802	2,115	176
2020	40,860	20,606	2,084	170
2019	32,937	17,721	2,507	176
2018	27,808	12,218	2,300	157
2017	21,688	10,741	1,985	155
2016	21,332	8,018	2,068	154
2015	12,756	4,722	1,294	126
2014	9,329	2,818	32	35
2013	8,556	2,641	n/a	n/a
2012	4,887	2,734	n/a	n/a
2011	n/a	n/a	n/a	n/a

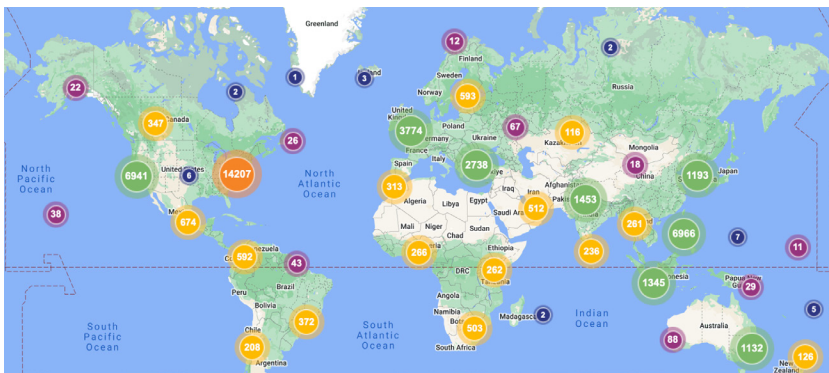


Figure 1. The Number and Locations/Regions of Downloads in 2023

high number of countries, research in *J-PEER* is reaching audiences in new places previously unserved. Although the total number of institutions viewing *J-PEER* decreased, we are hopeful that the scholarship will continue to reach new people and places moving forward.

J-PEER 2023 AUTHORSHIP REPORT

Acceptance Rate

The *J-PEER* system registers decisions under four categories: accept, accept with minor revisions, request major revisions, and reject. In 2023 we received 72 new and revised manuscripts, and the acceptance rate was 43.9%, with 15 manuscripts still pending by the end of the year. This percentage is calculated by dividing the sum of the accept and accept with minor revisions manuscripts by the number of all decisions minus the pending decisions. Ten of the 15 pending manuscripts are part of the forthcoming *Provocations* special issue that is planned for volume 14, issue 1.

Average Turnaround Time

The average turnaround time is calculated based on the number of days between the author's submission of a new manuscript and receiving an editorial decision letter. Original manuscripts submitted in 2023 were processed in an average turnaround time of 45 days, with a maximum of 200 days. The delays in decisions are often due to several factors such as the manuscript load at the time of the submission and reviewer availability to accept review requests. Our target is to keep the average turnaround time below 60 days next year, with a maximum of no more than 150 days.

ACKNOWLEDGMENTS OF REVIEWERS, EDITORS, AND STAFF

J-PEER is an open-access journal with a staff of mostly volunteers. The critical work of *J-PEER* would not be possible without the exceptional work of our volunteer reviewers, associate editors, and staff.

While we cannot list them all individually, we are grateful to our journal reviewers. We are thankful for each and every one of them.

Our associate editors volunteer their time to offer expert insights and syntheses of peer reviews and strive to maintain fair and equal standards for all submissions.

Our associate editors, who continue to work with us are

- Jennifer L. Chui, University of Virginia, Charlottesville, USA
- Lee Martin, University of California, Davis, USA
- Muhsin Menekse, Purdue University, Indiana, USA
- Mack Shelley, Iowa State University, Ames, USA
- Camilo Viera, Universidad del Norte, Barranquilla, Colombia

J-PEER ONLINE RESOURCES

Authors can access impact data for their articles through the dashboard within their bepress accounts and can use the Plum metrics provided within. Additionally, we invite you to spread the word by following our Twitter (now X) account (@JPEERresearch) and sharing articles with your social circles. The open-access model of *J-PEER* facilitates free access to original research papers worldwide, allowing all interested individuals to read the latest in precollege engineering education research. *J-PEER* leads the field of precollege engineering education, and by spreading the word we can share the latest results and insights with an even larger audience. We invite interested authors to submit their manuscripts for review, and we look forward to the year to come.

AUTHOR BIOS

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