

BRIEF COMMENTARY

How Scientific Journals Work

JACEP Open annual report 2023

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1 | OVERVIEW

In this report, we summarize performance and accomplishments of *Journal of the American College of Emergency Physicians Open (JACEP Open)* for 2023.

2 | STATUS OF THE JOURNAL

The *JACEP Open* began accepting and publishing manuscripts in the latter half of 2019. In October 2020, *JACEP Open* was accepted for inclusion in PubMed Central and all articles are now indexed in PubMed. In April 2021, the journal was accepted to the Clarivate Web of Science for coverage in the Emerging Sources Citation Index (ESCI), which was an important first step toward achieving an impact factor. The journal is presently listed or indexed with the Directory of Open Access Journals, PubMed, Europe PubMed, Google Scholar, Embase (Elsevier, Inc.), SCOPUS, and SHERPA/RoMEO. The journal received its first impact factor of 2.3 in June 2023.

3 | EDITORIAL AND PRODUCTION PERFORMANCE

The journal received 625 manuscripts in 2023 (Table 1). We believe the release of the impact factor has led to an increase in submissions of original research. Original research, brief reports, reviews, and clinical concepts pieces comprised approximately one-half of all submissions. Case reports and images and videos in emergency medicine comprised the remaining one-half of submissions. Approximately 30% of submissions were from international authors from more than 50 countries outside the United States, and 366 (59%) manuscripts were transferred from *JACEP Open's* companion journal, *Annals of Emergency Medicine*.

The journal's acceptance rate was 27% for original research, brief reports, systematic reviews, reviews, and clinical concepts papers (Table 2), and these 90 manuscripts spanned a range of topic areas (Table 3). Accepted manuscripts included authors from 16 different countries.

The journal continued to encourage the submission of COVID-19 works by waiving the article publication fee. In 2023, the journal

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TABLE 1 Article categories of *JACEP Open* manuscripts by year of publication.

Article type	2019	2020	2021	2022	2023
Abstracts					1
Brief commentary	2	13	5	4	5
Brief report	3	68	47	45	42
Case report	19	134	135	102	107
Clinical concepts	7	69	33	15	20
Editorial	0	6	5	4	2
Images in Emergency Medicine	19	146	181	124	152
JACEP Open podcast summary	0	3	5	0	0
Letter to the editor	0	14	9	4	3
Original research	36	226	211	153	233
Review article	9	49	20	17	20
Special contribution	2	8	12	9	9
Systematic review—Meta-analysis	2	14	17	16	14
Videos in Emergency Medicine	0	0	3	10	17
Total	99	750	683	503	625

TABLE 2 *JACEP Open* acceptance rates for 2023.

Article types	Acceptance rate
Scientific works—original research, brief reports, systematic reviews, reviews, and clinical concepts	90/329 (27%)
Case reports	12/107 (11%)
Images and Videos in Emergency Medicine	86/169 (51%)

published a total of seven COVID-19 papers, including three original research, three brief reports, and one review article.

JACEP Open's editorial and production processes continue to meet rapid internal benchmarks, with final decisions on most manuscripts within 38 days of submission. Production times by article type are summarized in Table 4. As an open-access journal, *JACEP Open* aims to continue to provide a rigorous, robust, and rapid scientific review of manuscripts in a timely fashion.

4 | MANUSCRIPT ACCESS AND CITATIONS

As an open access journal, all *JACEP Open* content is fully accessible without a subscription fee. During 2023, there were a total of 393,382 full-text accesses of *JACEP Open* articles. Table 5 summarizes the Journal's most frequently accessed articles. Individuals from 220 countries accessed *JACEP Open* articles; the international countries with the highest number of full text accesses were India, the United Kingdom, and China. To date, *JACEP Open* publications have been cited 2352 times by biomedical journals index in the Clarivate Web of Science. The journal's most highly cited articles contributing to its impact factor are listed in Table 6.

TABLE 3 Topic areas of original research, brief reports, systematic reviews, reviews, and clinical concepts papers accepted in 2023.

Topic area	No. of works
Airway	1
Cardiology	5
Disaster medicine	2
Diversity, equity, and inclusion	3
Education	4
Ethics	1
Emergency medical services	8
Evidence-based emergency medicine	5
General medicine	10
Geriatrics	6
Health policy	2
Imaging	2
Infectious disease	8
Injury prevention	1
Neurology	4
Obstetrics and gynecology	1
Pediatrics	10
Physician wellness	1
Pain management and sedation	1
The practice of emergency medicine	11
Pulmonary	1
Toxicology	3
Trauma	2
Total	90

TABLE 4 *JACEP Open* editorial and production time performance for calendar year 2023.

Metric	Original research, brief reports, reviews, concepts	Case reports	Images/videos
Manuscript submission to first decision (accept, revise or reject)—median (min, max) in days	28 (1, 34)	10 (0, 6)	7 (1,34)
Manuscript submission to final decision (accept, revise or reject), including author's revision time—median (min, max) in days	38 (1, 490)	12 (0, 392)	8 (1, 138)
Manuscript acceptance to proof receipt—median (min, max) in days	12 (1, 45)		
Manuscript acceptance to online publication—median (min, max) in days	24 (0, 66)		

TABLE 5 Most accessed papers in 2023.

Article title	Article type	Full text accesses
Survival after self-poisoning with sodium nitrite: a case report (https://doi.org/10.1002/emp2.12702)	Case report	15,186
Febrile seizures: a review (https://doi.org/10.1002/emp2.12769)	Review article	9032
A body bag can save your life: a novel method of cold water immersion for heat stroke treatment (https://doi.org/10.1002/emp2.12007)	Case report	8920
Improving the management of acutely agitated patients in the emergency department through implementation of Project BETA (Best Practices in the Evaluation and Treatment of Agitation) (https://doi.org/10.1002/emp2.12138)	Review article	6781
Peeling fingernails in a 5-year-old (https://doi.org/10.1002/emp2.12945)	Images in Emergency Medicine	6065
Use of antitussive medications in acute cough in young children (https://doi.org/10.1002/emp2.12467)	Special contribution	4843
The agitated older adult in the emergency department: a narrative review of common causes and management strategies (https://doi.org/10.1002/emp2.12110)	Review article	4504
Updates on pediatric sepsis (https://doi.org/10.1002/emp2.12173)	Review article	4313
Dizziness can be an early sole clinical manifestation for COVID19 infection: A case report (https://doi.org/10.1002/emp2.1218)	Case report	2754
The role of hospital ethics committees in emergency medicine practice (https://doi.org/10.1002/emp2.12136)	Concepts	2690

5 | NEWS MEDIA, SOCIAL MEDIA, AND ONLINE PRESENCE

ACEP promoted *JACEP Open* using multiple outlets. *JACEP Open* research and thought leadership was featured 64 times in leading publications. News stories were generated in mainstream media outlets, including MSN.com and *Newsweek*, leading trade publications, such as *Becker's Hospital Review*, *Drug Week*, *HealthLeaders*, *Hematology Week*, *Insurance News Network*, *MedicalXpress*, and local daily newspapers such as the Sun-Herald (MS), the Charlotte Observer (NC), Bradenton Herald (FL), Tacoma News Tribune (WA) on topics ranging from heat stroke, physician burnout, substance use disorder, suicide prevention, delirium, febrile seizure, and COVID vaccination.

JACEP Open promotes the journal through social media outlets including Twitter, Facebook, and Instagram. The journal has 737 followers on Twitter and 67,030 impressions (Table 7). The Instagram account is used to promote the journal's Videos of Emergency Medicine section. Altmetric scores offer additional insights of *JACEP Open's* impact on social and public media (Table 8).

6 | EDITORIAL BOARD

The *JACEP Open* editorial board plays a pivotal role in the success of the journal. The current editorial board includes 46 editors, including 18 women and five international editors. In 2023,

TABLE 6 Most highly cited articles published in *JACEP Open*.

Title	Authors	DOI	Total citations
Deep-learning artificial intelligence analysis of clinical variables predicts mortality in COVID-19 patients	Zhu, Jocelyn S.; Ge, Peilin; Jiang, Chunguo; Zhang, Yong; Li, Xiaoran; Zhao, Zirun; Zhang, Liming; Duong, Tim Q.	https://doi.org/10.1002/emp2.12205	52
Whole blood transfusion versus component therapy in trauma resuscitation: A systematic review and meta-analysis	Crowe, Ellen; DeSantis, Stacia M.; Bonnette, Austin; Jansen, Jan O.; Yamal, Jose-Miguel; Holcomb, John B.; Pedroza, Claudia; Harvin, John A.; Marques, Marisa B.; Avritscher, Elenir B. C.; Wang, Henry E.	https://doi.org/10.1002/emp2.12089	42
Canadian emergency physician psychological distress and burnout during the first 10 weeks of COVID-19: A mixed-methods study	de Wit, Kerstin; Mercuri, Mathew; Wallner, Clare; Clayton, Natasha; Archambault, Patrick; Ritchie, Kerri; Gerin-Lajoie, Caroline; Gray, Sara; Schwartz, Lisa; Chan, Teresa	https://doi.org/10.1002/emp2.12225	37
Improving the management of acutely agitated patients in the emergency department through implementation of Project BETA (Best Practices in the Evaluation and Treatment of Agitation)	Roppolo, Lynn P.; Morris, David W.; Khan, Fuad; Downs, Rohini; Metzger, Jeffery; Carder, Tiffany; Won, Ambrose H.; Wilson, Michael P.	https://doi.org/10.1002/emp2.12138	32
Worsening of emergency department length of stay during the COVID-19 pandemic	Lucero, Anthony; Sokol, Kimberly; Hyun, Jenny; Pan, Luhong; Labha, Joel; Donn, Eric; Kahwaji, Chadi; Miller, Gregg	https://doi.org/10.1002/emp2.12489	30
Artificial intelligence in emergency medicine: A scoping review	Kirubarajan, Abirami; Taher, Ahmed; Khan, Shawn; Masood, Sameer	https://doi.org/10.1002/emp2.12277	29
COVID 19 infection: Pediatric perspectives	Adeyinka, Adebayo; Bailey, Keneisha; Pierre, Louisdon; Kondamudi, Noah	https://doi.org/10.1002/emp2.12375	28
Reducing aerosol dispersion by high flow therapy in COVID-19: High resolution computational fluid dynamics simulations of particle behavior during high velocity nasal insufflation with a simple surgical mask	Leonard, Scott; Strasser, Wayne; Whittle, Jessica S.; Volakis, Leonithas, I.; DeBellis, Ronald J.; Prichard, Reid; Atwood, Charles W., Jr.; Dungan, George C., II	https://doi.org/10.1002/emp2.12158	28
System impacts of the COVID-19 pandemic on New York City's emergency medical services	Prezant, David J.; Lancet, Elizabeth A.; Zeig-Owens, Rachel; Lai, Pamela H.; Appel, David; Webber, Mayris P.; Braun, James; Hall, Charles B.; Asaeda, Glenn; Kaufman, Bradley; Weiden, Michael D.	https://doi.org/10.1002/emp2.12301	27
Viral and atypical respiratory co-infections in COVID-19: A systematic review and meta-analysis	Davis, Bennett; Rothrock, Ava N.; Swetland, Sarah; Andris, Halle; Davis, Phil; Rothrock, Steven G.	https://doi.org/10.1002/emp2.12128	26

we recruited one new editor and promoted three editors to senior editor. We also recruited a new assistant editor for methodology and statistics. This is part of our ongoing initiative to bolster the journal's biostatistical expertise. Three individuals serve as methodology-statistical editors, assuring expert assessment of all original research manuscripts with more advanced statistical and analytic methods.

7 | PEER REVIEWERS

Currently, there are over 536 individuals in *JACEP Open*'s pool of primary reviewers. Through connections with *Annals of Emergency Medicine* and Wiley publishing, *JACEP Open* has access to an additional 822 peer reviewers. In 2023, *JACEP Open* peer reviewers completed 597 assignments. *JACEP Open* will recognize the top 20 peer reviewers

TABLE 7 Top viewed Twitter posts for 2023 *JACEP Open* articles.

Article	Twitter source
Point-of-care ultrasound in the detection of central retinal artery occlusion in a patient with recent COVID-19 (https://doi.org/10.1002/emp2.12842)	https://twitter.com/JACEPOpen/status/1645524578557460493
Advancements in the management of acute ischemic stroke: A narrative review (https://doi.org/10.1002/emp2.12896)	https://twitter.com/JACEPOpen/status/1657038212454383617
Emergency department course of patients with asthma receiving initial emergency medical services care—Perspectives from the National Hospital Ambulatory Medical Care Survey (https://doi.org/10.1002/emp2.13026)	https://twitter.com/JACEPOpen/status/1699437605090185618

TABLE 8 Top Altmetric scores for 2023 *JACEP Open* articles.

Title	Altmetric score
Rapid identification of sepsis in the emergency department (10.1002/emp2.12984)	496
First responder virtual reality simulator to train and assess emergency personnel for mass casualty response (10.1002/emp2.12903)	55
Preventing unrecognized esophageal intubation in the emergency department (10.1002/emp2.12951)	48
Adventures in prehospital video laryngoscopy (10.1002/emp2.12885)	40
Patient, family member, and ambulance staff experiences of prehospital acute pain management in adults: A systematic review and meta-synthesis (10.1002/emp2.12940)	25

for 2023 in an upcoming issue. In conjunction with Wiley, Inc., *JACEP Open* began offering continuing medical education credits to all peer reviewers. The journal also created a new section of the journal website with resources for training and on-boarding new peer reviewers, which can be found at: <https://onlinelibrary.wiley.com/page/journal/26881152/homepage/reviewer-guidelines>.

8 | EDUCATIONAL ACTIVITIES AND INITIATIVES

Members of *JACEP Open* editorial board partnered with members of the *Annals of Emergency Medicine* editorial board to provide an author's workshop, entitled "Editors' Pearls," at the 2023 ACEP

Scientific Assembly. The workshop provided guidance and pearls for successful publishing in peer-reviewed scientific journals.

9 | SPECIAL COLLECTIONS

In 2023, the journal launched a new special collection in critical care. The collection builds upon *JACEP Open's* existing body of published critical care papers. The journal issued calls for critical care papers in mid-2023 and will publish the first works of the collection in early 2024. The collection will accumulate articles dynamically and will be featured prominently on the *JACEP Open* web page. The collection is spearheaded by *JACEP Open* editors Nicholas Johnson, MD and Robert Levine, MD.

For the first time, *JACEP Open* published abstracts from a scientific meeting. The journal published 32 abstracts from the 2023 Pennsylvania College of Emergency Physicians (PACEP) Scientific Assembly.¹ The publication of additional abstracts from national and international conferences is planned for 2024.

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REFERENCE

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