

EDITORIAL

A Glance at Archives of Academic Emergency Medicine Journal in 2024

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There were 70 articles published in the 2024 volume of Archives of Academic Emergency Medicine. Around 350 authors contributed to the published works, who were affiliated to centers located in countries such as USA, Canada, Germany, Finland, China, Poland, Italy, Australia, UAE, Malaysia, India, Egypt, Bangladesh, Turkey, Thailand, Nigeria, Jordon, Yemen, Saudi Arabia, Azerbaijan, Vietnam, Pakistan. We would like to thank the authors for trusting us with their valuable works and publishing their articles with us.

The impact factor of the journal, which is indexed in the Emerging Sources Citation Index (ESCI), was 2.9 in 2024, based on the statistics provided by Clarivate analytics regarding articles published in 2023. Thus, the journal was ranked in the first quartile (Q1) and was 9th among 54 journals (1). The journal has a Journal Citation Indicator (JCI) of 1.31, which indicates that it receives more citations than expected for the average journal in the category.

Based on CiteScore, which uses data from Scopus, in 2023 the journal ranked 4th among 109 journals in the field of Emergency Medicine and was in the 96th percentile with a CiteScore of 8.9, ranking as a Q1 journal. The journal also ranked 1st among journals in the field of Emergency Medical Services and 2nd in the Emergency Nursing category. The CiteScore for 2024 has been estimated as 3.1 by October 2024. SCImago journal rank (SJR), which measures weighed citations based on data from Scopus was 0.673 for the journal in 2023. Additionally, the score of Source Normalized Impact per Paper (SNIP), which measures actual citations relative to expected citations in the field was 0.830 for 2023, leading to the journal being in the top 5% of journals (2).

The acceptance rate of journal in 2024 was 25%. On the other hand, 64% of the submitted manuscripts were rejected before external reviews and 11% were rejected after undergoing

external reviews by our peer reviewers. It took an average of 5 days to first editorial decision and 90 days to acceptance. Peer reviewers play a pivotal role in ensuring the quality of published material. We would like to thank the 200 reviewers who contributed to the review process in 2024 for the time and effort they put in.

Of the 70 published articles, 33 were original articles, 3 were narrative reviews, 19 were systematic reviews and meta-analyses, and 7 case reports. There were also 6 letters, 1 photo quiz, and 1 editorial.

Considering the importance of predicting the outcome of patients for better management and resource allocation, 10 of the published studies had evaluated various means of outcome prediction in different situations (3-12). Additionally, 11 articles had studied factors associated with or affecting various outcomes in order to better predict them (13-23).

2 studies had assessed trends of undesirable outcomes through time, these studies can help policymakers make better decisions to prevent or decrease the incidence of a certain problem or improve the quality of life among those affected by it (24-25).

COVID-19 and its impacts, treatment, and lessons learned from it were still a rather popular topic with 8 published articles (26-33), indicating that physicians are still trying to learn from the experience and find solutions to manage both patients and hospitals more efficiently in possible future pandemics similar to COVID-19, which posed great burden to the healthcare systems and healthcare workers.

Use of technology in patient management and training of physicians was another interesting topic with 3 articles (34-36). In today's world, where changes are fast-paced and new advances are made in technology every day, the healthcare system can use technology to its benefit and provide better education for healthcare workers and aid in decision-making for the healthcare providers in addition to facilitating the management of crowded wards. This can increase satisfaction among both healthcare providers and patients, which is the ultimate goal of every healthcare system.

The current report provided a summary of the journal's per-

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formance in 2024 and interesting topics covered throughout the year. We are committed to publish quality articles on all topics within the aim and scope of the journal from all around the world and look forward to receiving your valuable manuscripts.

1. Declarations

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1.2. Conflict of interest

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1.4. Authors contributions

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References

1. [webofscience.com/api/gateway?GWVersion=2&SrcAuth=JCR&SrcApp=JCR&DestApp=JCR&KeyRecord=2645-4904](https://api.gateway?GWVersion=2&SrcAuth=JCR&SrcApp=JCR&DestApp=JCR&KeyRecord=2645-4904)
2. <https://www.scopus.com/sourceid/21101017909#tabs=0>.
3. Asgarzadeh S, Ebadi A, Saberi Shahrabaki A, Safari S, Aghili SH, Farhang Ranjbar M, Sadeghi S. National Early Warning Score in Predicting Adverse Outcomes for Patients Admitted to Emergency Department; a Prognostic Accuracy Study. Arch Acad Emerg Med [Internet]. 2023 Nov. 1 [cited 2024 Nov. 19];12(1):e1. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2155>.
4. Sanguanwit P, Yuksen C, Khorana J, Sutham K, Phoothum Y, Damdin S. Development of a Clinical Score for Predicting 28-Day Mortality in Geriatric Sepsis Patients; a Cohort study. Arch Acad Emerg Med [Internet]. 2024 Jun. 29 [cited 2024 Nov. 19];12(1):e56. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2269>.
5. Tienpratarn W, Kasemlawan G, Yuksen C, Kongchok W, Boonyok N, Lowanitchai P, Boriboon J, Rattananikom T, Phoothum Y, Jaiboon S. RAMA-WeRA Risk Score in Predicting the Ruptured Appendicitis in Emergency Department; a Multicenter Study for External Validation. Arch Acad Emerg Med [Internet]. 2024 May 5 [cited 2024 Nov. 19];12(1):e44. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2237>.
6. Sanguanwit P, Thudsaringkarnsakul W, Angkoontassaneeyarat C, Watcharakitpaisan S. Comparison of qSOFA, SIRS, NEWS and REWS Scores in Predicting Severity and 28-day Mortality of older Suspected Sepsis Cases; a Prognostic Accuracy Study. Arch Acad Emerg Med [Internet]. 2023 Nov. 3 [cited 2024 Nov. 19];12(1):e3. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2148>.
7. Hongthong N, Savatmongkorngul S, Yuksen C, Laksanamapune T. MONTH Score in Predicting Difficult Intubations in Emergency Department; a Prognostic Accuracy Study. Arch Acad Emerg Med [Internet]. 2023 Dec. 19 [cited 2024 Nov. 19];12(1):e17. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2178>.
8. Zarei H, Roshdi Dizaji S, Toloui A, Youseffard M, Esmaeili A. Diagnostic and Prognostic Values of S100B versus Neuron Specific Enolase for Traumatic Brain Injury; a Systematic Review and Meta-analysis. Arch Acad Emerg Med [Internet]. 2024 Feb. 18 [cited 2024 Nov. 19];12(1):e29. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2222>.
9. Kattinanon N, liengswangwong wijittra, yuksen C, Phontabtim M, Damdin S, Jernsiri K. A Clinical Score for Predicting Successful Weaning from Noninvasive Positive Pressure Ventilation in Emergency Department; a Retrospective Cohort Study. Arch Acad Emerg Med [Internet]. 2023 Dec. 14 [cited 2024 Nov. 19];12(1):e15. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2173>.
10. Chehregani Rad I, Azimi A. Rapid Arterial Occlusion Evaluation (RACE) Tool in Detecting Large Cerebral Vessel Occlusions; a Systematic Review and Meta-Analysis. Arch Acad Emerg Med [Internet]. 2023 Nov. 14 [cited 2024 Nov. 19];12(1):e10. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2152>.
11. Baser Y, Zarei H, Gharin P, Baradaran HR, Sarveazad A, Roshdi Dizaji S, Youseffard M. Cincinnati Pre-hospital Stroke Scale (CPSS) as a Screening Tool for Early Identification of Cerebral Large Vessel Occlusions; a Systematic Review and Meta-analysis. Arch Acad Emerg Med [Internet]. 2024 Mar. 26 [cited 2024 Nov. 19];12(1):e38. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2242>.
12. Zhou X-W, Cai S-F, Zhang D-Q, Xiao G, Liu J, Yang W-J, Li Y, Chen S-Y, Liu H-C, Huang Zhong-qing.

- Hypo-attenuating Berry Sign as a Novel Imaging Marker of Ruptured Aneurysm in Patients with Subarachnoid Hemorrhage; a Diagnostic Accuracy Study . Arch Acad Emerg Med [Internet]. 2024 Feb. 26 [cited 2024 Nov. 19];12(1):e31. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2154>.
13. Ogbuanya AU-O, Eni UE, Umezurike DA, Obasi AA, Ikpeze S. Associated Factors of Leaked Repair Following Omentopexy for Perforated Peptic Ulcer Disease; a Cross-sectional Study. Arch Acad Emerg Med [Internet]. 2023 Dec. 21 [cited 2024 Nov. 19];12(1):e18. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2169>.
 14. KE L, IEONG PI, E Brock K, Mpofu E, Yin C, Feng X, Kou PK, Mok CK, Lei WS. Associated Factors of Patients' Survival in Out of Hospital Cardiac Arrest; a Cross-sectional Study. Arch Acad Emerg Med [Internet]. 2024 May 9 [cited 2024 Nov. 19];12(1):e48. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2298>.
 15. Taherpour N, Etemad K, Mokhayeri Y, Fallah S, So-toodeh Ghorbani S, Izadi N, Rahimi E, Shahbazi F, Seifi A, Mehri A, Feyzi R, Farhadi-Babadi K, Hashemi Nazari SS. Rate and Risk Factors of Reinfection, Recurrence, and Hospital Readmission Among SARS-Cov-2 Hospitalized Patients; a National Cohort Study . Arch Acad Emerg Med [Internet]. 2024 Jun. 22 [cited 2024 Nov. 19];12(1):e55. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2327>.
 16. Delbari A, Azimi A, Najafi M, Saatchi M, Bidkhorji M, Bidkhorji M, Mousavi ME, Tabatabaei F- sadat, Hooshmand E. Prevalence, Complications, and Risk Factors of Falls and Fear of Falling Among Older Adults; Based on Ardakan Cohort Study on Aging (ACSA). Arch Acad Emerg Med [Internet]. 2023 Nov. 13 [cited 2024 Nov. 19];12(1):e9. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2084>.
 17. Rattananon P, Tienpratarn W, Yuksen C, Aussavanodom S, Thiamdao N, Termkijwanich P, Phongsawad S, Kaninworapan P, Tantasirin K. Associated Factors of Cardiopulmonary Resuscitation Outcomes; a Cohort Study on an Adult In-hospital Cardiac Arrest Registry. Arch Acad Emerg Med [Internet]. 2024 Feb. 18 [cited 2024 Nov. 19];12(1):e30. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2227>.
 18. Tienpratarn W, Nakpipat N, Yuksen C, Wong-waisayawan S, Phoonthum Y, Jaiboon S. Clinical Associated Factors of Tile B/C Type of Pelvic Ring Fractures; a Retrospective Cross-sectional study. Arch Acad Emerg Med [Internet]. 2024 May 12 [cited 2024 Nov. 19];12(1):e49. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2243>.
 19. Xu C, Mao Z, Tan M, Mazhari SA, Ghorbani Vajargah P, Karkhah S, Izadi F, Rouhi P. Prevalence and Related Factors of Rupture among Cases with Ectopic Pregnancy; a Systematic Review and Meta-Analysis. Arch Acad Emerg Med [Internet]. 2023 Nov. 2 [cited 2024 Nov. 19];12(1):e2. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2172>.
 20. Alizadeh Otaghvar H, Farzan R, Tamimi P, Ghaderi A, Najafi M, Tohidian M, Izadi F, Mazhari SA. Prevalence of Delirium and Its Related Factors in Burn Patients; a Systematic Review and Meta-Analysis. Arch Acad Emerg Med [Internet]. 2023 Nov. 8 [cited 2024 Nov. 19];12(1):e7. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2136>.
 21. Jafari Afshar E, Shahnavaz V, Talakoob H, Kafialqora P, Madady A, Pournahrigesmat S, Tayebi A, MozafaryBazargany M, Gholami N, Ayati A, Samimisedeh P, Rastad H, Karim H. Immature Platelet Fraction and Acute Coronary Syndrome; a Systematic Review and Meta-Analysis. Arch Acad Emerg Med [Internet]. 2024 Apr. 23 [cited 2024 Nov. 19];12(1):e43. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2292>.
 22. Pashaei Asl Y, Ghanbari-Homaie S, Partash N, Pakzad A, Faridaalae G. Consequences of Natural and Man-made Disasters on Pregnancy Outcomes and Complications: A Systematic Review. Arch Acad Emerg Med [Internet]. 2024 Aug. 9 [cited 2024 Nov. 19];12(1):e61. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2268>.
 23. Shirmohammadi Yazdi M, Ardalan MA, Hosseini M, Yousefi zoshk M, Hami Z, Heidari R, Mosaed R, Chamanara M. Infectious Diarrhea Risks as a Public Health Emergency in Floods; a Systematic Review and Meta-Analysis. Arch Acad Emerg Med [Internet]. 2024 May 5 [cited 2024 Nov. 19];12(1):e46. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2284>.
 24. Mollaei Pardeh M, Yarmohammadian MH, Atighechian G, Ebrahimi A, Maracy MR. 11-Year Trend of Mortality from Fatal Road Traffic Injuries in The Center of Iran; a Cross-sectional Study . Arch Acad Emerg Med [Internet]. 2023 Feb. 15 [cited 2024 Nov. 19];12(1):e27. Available from:

- <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2205>.
25. Daryabor A, Akbarzadeh-Baghaban A. Comparison of a 30-year trend of incidence, prevalence, and DALY due to low back pain in Iran with Low- and High-SDI countries; Based on GBD study 2019 Data. *Arch Acad Emerg Med* [Internet]. 2024 Mar. 26 [cited 2024 Nov. 19];12(1):e39. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2257>.
 26. Rezabakhsh A, Mojtahedi F, Tahsini Tekantapeh S, Mahmoodpoor A, Ala A, Soleimanpour H. Therapeutic Impact of Tocilizumab in the Setting of Severe COVID-19; an Updated and Comprehensive Review on Current Evidence. *Arch Acad Emerg Med* [Internet]. 2024 May 9 [cited 2024 Nov. 19];12(1):e47. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2217>.
 27. Mohammad Bargahi, Mostafa Alavi-Moghaddam, Mehdi Karimi, Zahra Azizan, Fateme Jafarzadeh, Mohammad Javaherian, Hussein Soleimantabar, Seyed Hamidreza Mirbehbahani. Safety and Efficacy of Incentive Spirometer in Covid-19 Pneumonia; a Randomized Clinical Trial. *Arch Acad Emerg Med* [Internet]. 2024 May 18 [cited 2024 Nov. 19];12(1):e51. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2244>.
 28. Taherpour N, Etemad K, Mokhayeri Y, Fallah S, So-toodeh Ghorbani S, Izadi N, Rahimi E, Shahbazi F, Seifi A, Mehri A, Feyzi R, Farhadi-Babadi K, Hashemi Nazari SS. Rate and Risk Factors of Reinfection, Recurrence, and Hospital Readmission Among SARS-Cov-2 Hospitalized Patients; a National Cohort Study. *Arch Acad Emerg Med* [Internet]. 2024 Jun. 22 [cited 2024 Nov. 19];12(1):e55. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2327>.
 29. Karimi R, Farrokhi M, Izadi N, Ghajari H, Khosravi Shadmani F, Najafi F, Shakiba E, Karami M, Shojaeian M, Moradi G, ghaderi E, Nouri E, Ahmadi A, Mohammadian Hafshejani A, Sartipi M, Zali A, Bahadori Monfared A, Davatgar R, Hashemi Nazari SS. Basic Reproduction Number (R0), Doubling Time, and Daily Growth Rate of the COVID-19 Epidemic: An Echological Study. *Arch Acad Emerg Med* [Internet]. 2024 Sep. 5 [cited 2024 Nov. 19];12(1):e66. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2376>.
 30. Shahsavarinia K, Hajipoor kashgsaray N, Ghojzadeh M, Falaki Z, Soleimanpour M, Soleimanpour H. Stroke and COVID-19: An Umbrella Review: Stroke and COVID-19. *Arch Acad Emerg Med* [Internet]. 2024 Aug. 25 [cited 2024 Nov. 19];12(1):e65. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2385>.
 31. Kabiri N, Abbasi A, Pashazadeh F, Hajebrahimi S, Soleimanpour H. The Impact of The COVID-19 Pandemic on Hospital Admissions Due to Road Traffic Crashes; a Systematic Review and Meta-Analysis: . *Arch Acad Emerg Med* [Internet]. 2023 Nov. 17 [cited 2024 Nov. 19];12(1):e12. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2157>.
 32. Balafar M, Mahmoodpoor A, Arjmandi H, Maddah Khelejani A, Soleimanpour H. High-Dose Vitamin C in the Treatment of Covid-19 Patients in Intensive Care Unit; A Letter to the Editor. *Arch Acad Emerg Med* [Internet]. 2024 Apr. 20 [cited 2024 Nov. 19];12(1):e41. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2233>.
 33. Gharebaghi R, Heidary F, Pourezat AA. Lessons Learned from COVID-19 Pandemic Management in Iran; a Commentary. *Arch Acad Emerg Med* [Internet]. 2024 Feb. 7 [cited 2024 Nov. 19];12(1):e24. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2241>.
 34. Kaboudi N, Firouzbakht S, Shahir Eftekhari M, Fayazbakhsh F, Joharivarnoozfaderani N, Ghaderi S, Dehdashti M, Mohtasham Kia Y, Afshari M, Vasaghi-Gharamaleki M, Haghani L, Moradzadeh Z, Khalaj F, Mohammadi Z, Hasanabadi Z, Shahidi R. Diagnostic Accuracy of ChatGPT for Patients' Triage; a Systematic Review and Meta-Analysis. *Arch Acad Emerg Med* [Internet]. 2024 Jul. 30 [cited 2024 Nov. 19];12(1):e60. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2384>.
 35. Masoumian Hosseini M, Masoumian Hosseini ST, Qayumi K. A Guide to Opportunities and Challenges of Developing a Virtual Reality Simulation for Disaster Medicine Courses: A Letter to Editor. *Arch Acad Emerg Med* [Internet]. 2024 Aug. 25 [cited 2024 Nov. 19];12(1):e63. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2388>.
 36. Aleksandra S, Robert K, Klaudia K, Dawid L, Mariusz S. Artificial Intelligence in Optimizing the Functioning of Emergency Departments; a Systematic Review of Current Solutions. *Arch Acad Emerg Med* [Internet]. 2024 Jan. 27 [cited 2024 Nov. 19];12(1):e22. Available from: <https://journals.sbm.ac.ir/aaem/index.php/AAEM/article/view/2110>.