

EDITORIAL

An Overview of Published Articles in Archives of Academic Emergency Medicine in 2021

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Archives of Academic Emergency Medicine has published 70 articles in 2021, which have been authored by more than three hundred researchers from various countries, including but not limited to the United States, Australia, India, Japan, Thailand, Iraq, Pakistan, France, Greece, and Iran. In this editorial, we intend to provide an overview of our publications in 2021, so that we can identify our strengths and weaknesses and provide a brief report on our performance to readers and authors, which they might find useful in becoming more familiar with the journal.

Just like the previous year, the published papers are indexed in SCOPUS, Web of Sciences, PubMed, and some other databases specified on the journal's website.

However, the Scopus CiteScore for the journal improved from 2.4 in 2020 to 4.5 in 2021 (<https://www.scopus.com/sourceid/21101017909?origin=resultslist>). The acceptance rate has been 18.81% in 2021 and reaching the decision to accept the articles has taken an average of 54 days. Out of the 70 published papers, 41 (58.57%) were original articles, 14 (20.0%) were review articles, 8 (11.42%) were case reports, and 7 (10.0%) were letters to editor.

All published articles were matching the emergency medicine scope and were in line with journal commitments. Since the COVID-19 pandemic was still an issue throughout 2021 and there were still unknown aspects about this disease, researchers wanted to report new findings of the disease and its patterns and consequences, as well as its management. Thus, by publishing studies in this field, we tried our best to make these insights available to all health care providers around the world. So that they could learn from the experiences of each other and become more equipped to face the disease efficiently and make the lives of

those affected by the disease in any way easier during these difficult times. Twenty-one (30.0%) of the published articles were related to COVID-19. Eleven articles were original research papers (1-11), 3 articles were letters (12-14), 2 were case reports (15, 16), and Five articles were review studies (17-20).

The 49 remaining articles, which consisted of 30 original articles, 9 review articles, 6 case reports, and 4 letters were on different topics. The letters consisted of 2 reports of preliminary studies performed (21, 22) and 2 expert views on different matters (23, 24). The letters are always reviewed by the editor and they are reviewed by external reviewers in case of presenting the findings of a study. Among the case reports, 1 was on possible complications arising after treatments (25) and 5 reported unusual presentations of diseases (26-30). These reports were published to raise other physicians' awareness of those situations so that they can either prevent facing the same situation or be able to better manage the situation if they encounter it.

Only one of the review articles was a narrative one (31) and the rest were systematic reviews and/or meta-analyses. Systematic reviews and meta-analyses are ranked as the highest level of evidence among articles and may be able to provide an answer to a burning question (32-38). Therefore, it is not surprising to see that 7.14% of this year's review articles were related to COVID-19.

In this journal, we aim to introduce novel electronic approaches helping the management of patients. Machine learning is one of the novel fields in medicine, which may transform the practice of medicine, in 2021 we published 2 articles in that field (39, 40).

Our aim in this journal is to play a part, even if it is a small one, in helping physicians do their practice of medicine, which can consequently improve the general health of all societies. This will not be possible without the hard work of researchers who perform the studies, so we would like to thank all the authors who trusted us with their valuable

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works throughout 2021. Our goal is to keep improving and continue to publish quality articles by authors from all over the world and everybody is invited to join us.

References

1. Saberian P, Mireskandari SM, Baratloo A, Hasani-Sharamin P, Babaniamansour S, Aliniagerdroudbari E, et al. Antibody Rapid Test Results in Emergency Medical Services Personnel during COVID-19 Pandemic; a Cross Sectional Study. *Archives of Academic Emergency Medicine*. 2021;9(1):e2.
2. Pishgahi M, Karimi Toudeshki K, Safari S, Youseffard M. Echocardiographic Abnormalities as Independent Prognostic Factors of In-Hospital Mortality among COVID-19 Patients. *Archives of Academic Emergency Medicine*. 2021;9(1):e21.
3. Saberian P, Rafiemanesh H, Sadeghi M, Hasani-Sharamin P, Dadashi F, Baratloo A. The Geographical Distribution of Probable COVID-19 Patients Transferred by Tehran Emergency Medical Services; a Cross Sectional Study. *Archives of Academic Emergency Medicine*. 2021;9(1):e25.
4. Rezaei-Tavirani M, Rostami Nejad M, Arjmand B, Rezaei Tavirani S, Razzaghi M, Mansouri V. Fibrinogen Dysregulation is a Prominent Process in Fatal Conditions of COVID-19 Infection; a Proteomic Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e26.
5. Zamanian Azodi M, Arjmand B, Razzaghi M, Rezaei Tavirani M, Ahmadzadeh A, Rostaminejad M. Platelet and Haemostasis are the Main Targets in Severe Cases of COVID-19 Infection; a System Biology Study. *Archives of Academic Emergency Medicine*. 2021;9(1):e27.
6. Ashrafi F, Ommi D, Zali A, Khani S, Soheili A, Arab-Ahmadi M, et al. Neurological Manifestations and their Correlated Factors in COVID-19 Patients; a Cross-Sectional Study. *Archives of Academic Emergency Medicine*. 2021;9(1):e34.
7. Yaseri M, Soleimani-Jelodar R, Rostami Z, Shahsavari S, Hosseini M. Is Social Distancing Policy Effective in Controlling COVID-19? An Interrupted Time Series Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e41.
8. Haji Aghajani M, Toloui A, Aghamohammadi M, Pourhoseingholi A, Taherpour N, Sistanizad M, et al. Electrocardiographic Findings and In-Hospital Mortality of COVID-19 Patients; a Retrospective Cohort Study. *Archives of Academic Emergency Medicine*. 2021;9(1):e45.
9. Haji Aghajani M, Asadpoordezaki Z, Haghighi M, Pourhoseingholi A, Taherpour N, Toloui A, et al. Effect of Underlying Cardiovascular Disease on the Prognosis of COVID-19 Patients; a Sex and Age-Dependent Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e65.
10. Jandaghian S, Vaezi A, Manteghinejad A, Nasirian M, Vaseghi G, Haghjooy Javanmard S. Red Blood Cell Distribution Width (RDW) as a Predictor of In-Hospital Mortality in COVID-19 Patients; a Cross Sectional Study. *Archives of Academic Emergency Medicine*. 2021;9(1):e67.
11. Goodarzi A, Khodaveisi M, Abdi A, Salimi R, Oshvandi K. Cardiopulmonary Resuscitation Outcomes of Patients with COVID-19; a One-Year Survey. *Archives of Academic Emergency Medicine*. 2021;9(1):e70.
12. Cheah PK, Ongkili DE, Zaharuddin FS, Hashim MI, Ho CV, Lee HG, et al. Discrepancy in Screening Performances of Different Rapid Test Kits for SARS-CoV-2; a Letter to Editor. *Archives of Academic Emergency Medicine*. 2021;9(1):e9.
13. Forouzanfar MM, Shahini Z, Hashemi B, Mirbaha S. Mass Suicide of COVID-19 Patient's Survivors; a Clinical Experience. *Archives of Academic Emergency Medicine*. 2021;9(1):e13.
14. Bouillon-Minois J-B, Raconnat J, Clinchamps M, Schmidt J, Duthiel F. Emergency Department and Overcrowding During COVID-19 Outbreak; a Letter to Editor. *Archives of Academic Emergency Medicine*. 2021;9(1):e28.
15. Parsa Y, Shokri N, Jahedbozorgan T, Naeiji Z, Zadehmodares S, Moridi A. Possible Vertical Transmission of COVID-19 to the Newborn; a Case Report: Vertical Transmission and The Coronavirus. *Archives of Academic Emergency Medicine*. 2021;9(1):e5.
16. Nekooghadam SM, Moradi A, Karimi Toudeshki K, Pishgahi M. A Case of Acute Leukemia Following Remission of COVID-19 Infection; an Urge to Search for a Probable Association. *Archives of Academic Emergency Medicine*. 2021;9(1):e51.
17. Nemati R, Ganjoo M, Jadidi F, Tanha A, Baghbani R. Electrocardiography in Early Diagnosis of Cardiovascular Complications of COVID-19; a Systematic Literature Review. *Archives of Academic Emergency Medicine*. 2021;9(1):e10.
18. SeyedAlinaghi S, Afsahi AM, MohsseniPour M, Behnezhad F, Salehi MA, Barzegary A, et al. Late Complications of COVID-19; a Systematic Review of Current Evidence. *Archives of Academic Emergency Medicine*. 2021;9(1):e14.
19. Toloui A, Moshrefiaraghi D, Madani Neishaboori A, Youseffard M, Haji Aghajani M. Cardiac Complications and Pertaining Mortality Rate in COVID-19 Patients; a Systematic Review and Meta-Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e18.



20. Kamarullah W, Nurcahyani N, Josephine CM, Multazam RB, Ghaezany Nawing A. Corticosteroid Therapy in Management of Myocarditis Associated with COVID-19; a Systematic Review of Current Evidence. *Archives of Academic Emergency Medicine*. 2021;9(1):e32.
21. Ali S, Zahid A, Jamal SZ, Khan ST, Lohana N, Ahmed R, et al. Cardiologists' Knowledge and Perception towards American Heart Association Guidelines of Cardiopulmonary Resuscitation; a Letter to Editor. *Archives of Academic Emergency Medicine*. 2021;9(1):e11.
22. Zeinali N F, Mohammad Karimi N, Jafari M, Akbarzadeh Moghadam E. Rapid and Deep versus Normal Breathing in Salbutamol Inhalation Effectiveness; a Letter to Editor: comparison of 2 Inhalation Methods efficacy. *Archives of Academic Emergency Medicine*. 2021;9(1):e42.
23. Vlastarakos P, Chondrogiannis K. Video-Laryngoscopy-Assisted Fishbone Removal from the Upper Digestive Tract; a Letter to the Editor: video-laryngoscopy assisted fishbone removal. *Archives of Academic Emergency Medicine*. 2021;9(1):e12.
24. Rezvani Kakhki B, Miri M, Talebi Doluee M, Sabeti Baygi Z, Abbasi Shaye Z, Vafadar Moradi E. Tactile Method in Confirming Proper Endotracheal Intubation in Emergency Setting; a Letter to Editor: Confirm intubation. *Archives of Academic Emergency Medicine*. 2021;9(1):e38.
25. Mirkarimi T, Salek M, Modirian E, namdar P. Delayed post-traumatic Tension Hydrocephalus; a Case Report of Conservative Treatment. *Archives of Academic Emergency Medicine*. 2021;9(1):e22.
26. Nojima T, Naito H, Obara T, Tsukahara K, Nakao A. Plastic Bronchitis in a Five-Year-Old Boy Treated Using Extracorporeal Membrane Oxygenation; a Case Report. *Archives of Academic Emergency Medicine*. 2021;9(1):e16.
27. Rasras H, Beghi M, Samti M, Ismaili N, El Ouafi N. Rare and Underestimated Association of Pulmonary Embolism and Olanzapine Therapy; Report of Two Cases: Pulmonary Embolism and Olanzapine Therapy. *Archives of Academic Emergency Medicine*. 2021;9(1):e17.
28. Banavathu T, Tripathi S, Sukhadiya P, Ahari K, Meena DS, Garg MK. Thyrotoxic Periodic Paralysis with Thyroid Storm as the First Presentation of Graves' disease; a Case Report. *Archives of Academic Emergency Medicine*. 2021;9(1):e19.
29. Najari F, Malekpour-Alamdari N, Baradaran Kial I, Najari D, Mirzaei S. Prolonged Fever; a Case Report of Medical Malpractice. *Archives of Academic Emergency Medicine*. 2021;9(1):e49.
30. Mehdi Z, Bhardwaj N, Aggarwal J, Kaur N, Singh B. Facial Nerve Palsy with Total Ophthalmoplegia; a Novel Presentation of Fungal Invasion. *Archives of Academic Emergency Medicine*. 2021;9(1):e54.
31. Heidari Beigvand H, Heidari K, Hashemi B, Saberinia A. The Value of Lactate Dehydrogenase in Predicting Rhabdomyolysis-Induced Acute Renal Failure; a Narrative Review. *Archives of Academic Emergency Medicine*. 2021;9(1):e24.
32. Shaterian N, Abdi F, Atarodi Kashani Z, Shaterian N, Darvishmotevalli M. Facemask and Respirator in Reducing the Spread of Respiratory Viruses; a Systematic Review. *Archives of Academic Emergency Medicine*. 2021;9(1):e56.
33. Yousefifard M, Madani Neishaboori A, Rafiei Alavi SN, Toloui A, Gubari MIM, Zareie Shab Khaneh A, et al. Active and Passive Immunization with Myelin Basic Protein as a Method for Early Treatment of Traumatic Spinal Cord Injury; a Meta-Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e57.
34. Toloui A, Madani Neishaboori A, Rafiei Alavi SN, Gubari MIM, Zareie Shab Khaneh A, Karimi Ghahfarokhi M, et al. The Value of Physiological Scoring Criteria in Predicting the In-Hospital Mortality of Acute Patients; a Systematic Review and Meta-Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e60.
35. Yousefifard M, Toloui A, Ahmadzadeh K, I M Gubari M, Madani Neishaboori A, Amraei F, et al. Risk Factors for Road Traffic Injury-Related Mortality in Iran; a Systematic Review and Meta-Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e61.
36. Bagherian F, Kalani N, Rahmanian F, Abiri S, Hatami N, Foroughian M, et al. Aluminum Phosphide Poisoning Mortality Rate in Iran; a Systematic Review and Meta-Analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e66.
37. Farrokhi M, Yarmohammadi B, Mangouri A, Hekmatnia Y, Bahramvand Y, Kiani M, et al. Screening Performance Characteristics of Ultrasonography in Confirmation of Endotracheal Intubation; A Systematic Review and Meta-analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e68.
38. Akhavan H, Habibzadeh SR, Maleki F, Foroughian M, Ahmadi SR, Akhavan R, et al. Accuracy of CREST Guideline in Management of Cellulitis in Emergency Department; a Systematic Review and Meta-analysis. *Archives of Academic Emergency Medicine*. 2021;9(1):e69.
39. Shahverdy M, Malek H. Determining the Need for Computed Tomography Scan Following Blunt Chest Trauma through Machine Learning Approaches. *Archives of Academic Emergency Medicine*. 2021;9(1):e15.
40. Poorsarvi Tehrani P, Malek H. Early Detection of Rhabdomyolysis-Induced Acute Kidney Injury through Machine Learning Approaches. *Archives of Academic Emergency Medicine*. 2021;9(1):e29.

