

## *Editorial*

# **2024 Annual Report**

**Kelly Pagidas, MD\***

LSU Health Shreveport, School of Medicine, Professor and Senior Associate Dean for Medical Education and Administration, Shreveport, Louisiana, USA

\* **Correspondence:** Email: [kellypagidas@gmail.com](mailto:kellypagidas@gmail.com).

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## **1. Journal summary from Editor in Chief**

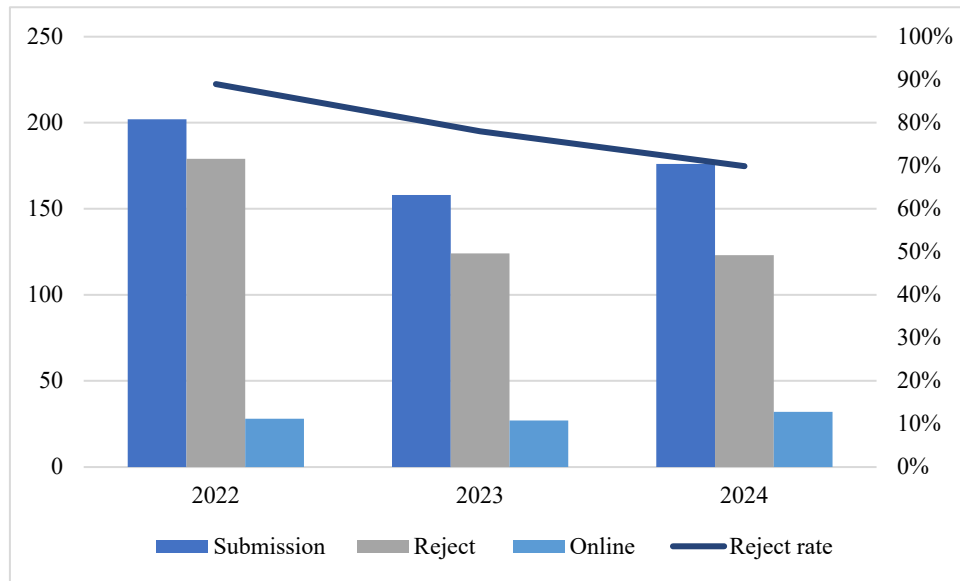
We are pleased to share our publication data for the 2024 calendar year in the AIMS Medical Science Journal. This year marked another milestone, with the highest number of publication submissions in recent years. Our diverse range of publications covered multiple disciplines in both basic and clinical sciences, contributed by talented authors from around the world.

As we look ahead to an exciting year, we welcome the opportunity to review original manuscripts for potential publication. Our mission remains to provide a platform for high-quality research that advances scientific knowledge and contributes to improving global health.

## **2. Journal development**

### *2.1. Manuscript flow*

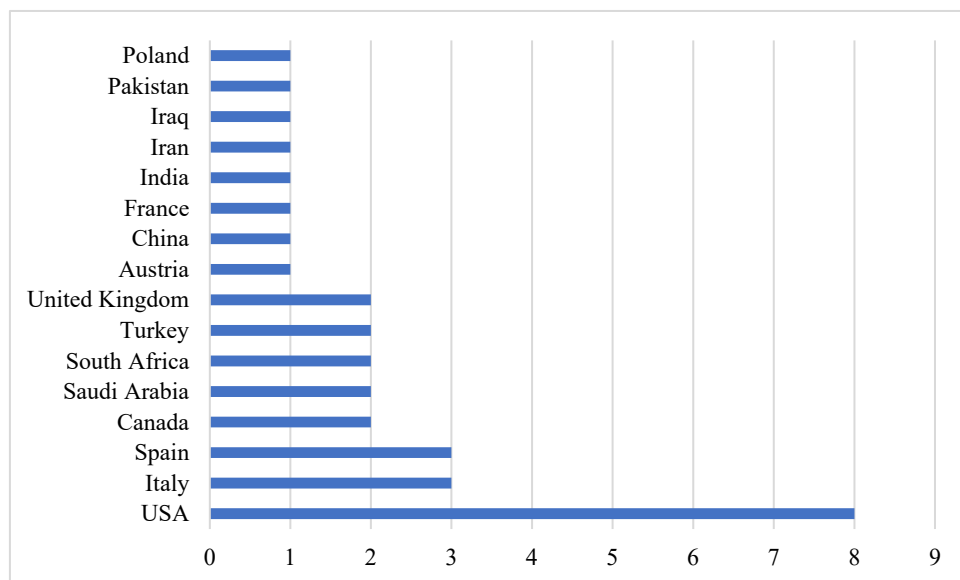
The Figure below provides an overview of all articles received and processed by the editorial team over the past three years (Figure 1). While the number of submissions in 2024 was slightly lower than in 2022, it surpassed the total from 2023. Notably, 2024 saw the highest number of online articles, with a total of 32—the most in the three-year period.



**Figure 1.** Manuscript statistics from 2022 to 2024.

## 2.2. Corresponding authors distribution

The Figure below (Figure 2) illustrates the geographic distribution of corresponding authors for published manuscripts. A total of 16 national authors contributed, representing regions across the Americas, Europe, Asia, and Africa. The United States had the highest number of published articles, followed by Spain and Italy, each with three publications.



**Figure 2.** Corresponding authors distribution of published articles in 2024.

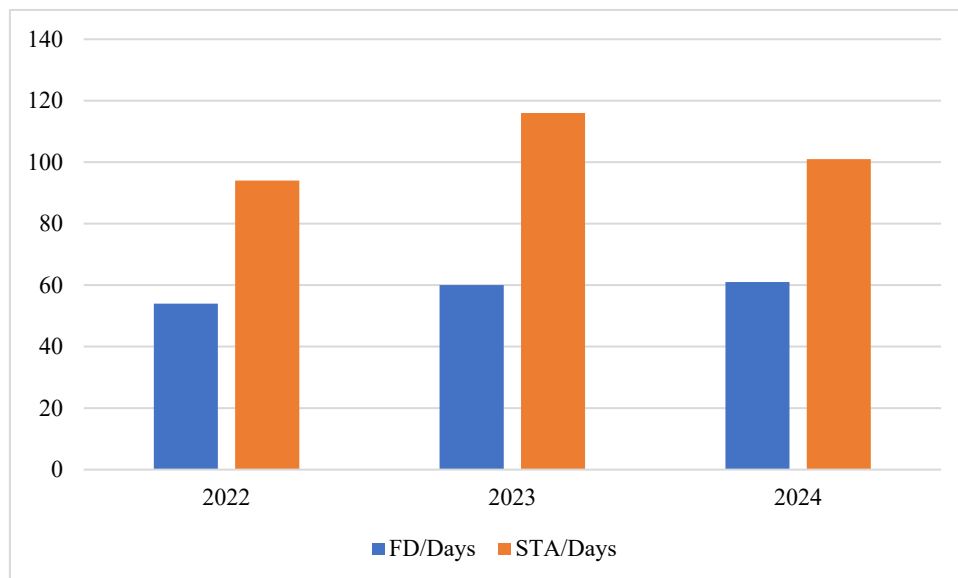
### 2.3. Article type

Table 1 presents the types of manuscripts published from 2022 to 2024. In 2024, a total of 32 papers were published, with the majority being research articles.

**Table 1.** Published articles type in 2022–2024.

| Article type       | 2022 | 2023 | 2024 |
|--------------------|------|------|------|
| Research article   | 12   | 14   | 18   |
| Review/mini review | 10   | 7    | 6    |
| Others             | 6    | 6    | 8    |
| Total              | 28   | 27   | 32   |

### 3. Speed



**Figure 3.** Average speeds for Published articles in 2022–2024. Abbreviations: FD (From Submission to First Decision): The average number of days from submission to the initial decision; STA (From Submission to Acceptance): The average number of days from submission to acceptance.

Figure 3 presents the average processing times for published articles.

The processing time for the first decision has remained generally stable over the past three years. In 2024, the acceptance time was slightly shorter than in 2023. Our goal for 2025 is to continue publishing high-quality articles while further reducing processing times.

## 4. Article metrics

### 4.1. Most cited articles, 2024 (Published time from 2022 to 2024)

**Table 2.** Top citation in 2022–2024.

|   | Title  | Corresponding author           | Publication year | Article type     | Total Citation (in 2023+2024) | Link  |
|---|--|--------------------------------|------------------|------------------|-------------------------------|---|
| 1 | The relationship of vitamin D levels with hemogram indices and metabolic parameters in patients with type 2 diabetes mellitus  | Elif Basaran (Turkiye)         | 2024             | Research article | 16                            | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2024004">https://www.aimspress.com/article/doi/10.3934/medsci.2024004</a> |
| 2 | <i>Staphylococcus aureus</i> antimicrobial efflux pumps and their inhibitors: recent developments  | Manuel Varela (USA)            | 2022             | Review           | 5                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2022018">https://www.aimspress.com/article/doi/10.3934/medsci.2022018</a> |
| 3 | Soluble Fas ligand, soluble Fas receptor, and decoy receptor 3 as disease biomarkers for clinical applications: A review   | Michiro Muraki (Japan)         | 2022             | Review           | 4                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2022009">https://www.aimspress.com/article/doi/10.3934/medsci.2022009</a> |
| 4 | Non-small cell lung cancer: epidemiology, screening, diagnosis, and treatment  | Anuj A. Shukla (USA)           | 2022             | Review           | 5                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2022016">https://www.aimspress.com/article/doi/10.3934/medsci.2022016</a> |
| 5 | Relationship between CTLA4, TNF- $\alpha$ and PTPN22 gene polymorphism and the serum levels of antithyroglobulin and antiperoxidase antibodies in autoimmune thyroiditis | Rena Rahimova (Azerbaijan)     | 2023             | Research article | 4                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2023002">https://www.aimspress.com/article/doi/10.3934/medsci.2023002</a> |
| 6 | Do we trust the government? Attributes of COVID-19 vaccine hesitancy and acceptance in Nigeria   | Helen Onyeaka (UK)             | 2022             | Research article | 4                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2022010">https://www.aimspress.com/article/doi/10.3934/medsci.2022010</a> |
| 7 | Hydroxyurea and pyridostigmine repurposed for treating Covid-19 multi-systems dysfunctions   | Melissa R. Bowman Foster (USA) | 2023             | Protocol         | 3                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2023010">https://www.aimspress.com/article/doi/10.3934/medsci.2023010</a> |
| 8 | Correlates of sedentary behaviors in Austrian children and adolescents   | Clemens Drenowatz (Austria)    | 2023             | Research article | 3                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2023022">https://www.aimspress.com/article/doi/10.3934/medsci.2023022</a> |
| 9 | Telehealth during COVID-19 pandemic era: a systematic review   | Jonathan Kissi (Ghana)         | 2022             | Review           | 2                             | <a href="https://www.aimspress.com/article/doi/10.3934/medsci.2022008">https://www.aimspress.com/article/doi/10.3934/medsci.2022008</a> |

Note: Source: Web of science.

Table 2 presents a ranked list of the top nine most cited articles in Web of Science since 2022. The number of review articles and research articles is equal, with a significant focus on diabetes-related topics.

### 4.2. The status of special issues and hot topics

Table 3 below outlines the status of selected special issues and hot topics. In 2024, we invited several distinguished scholars to develop engaging special issues, including “Artificial Intelligence in Medicine”, “Current Challenges in Calcific Coronary Lesion Management”, and “New Approaches to People with Chronic Pain”. Our goal is to encourage more contributions to these special issues, further increasing the journal’s visibility and impact.

**Table 3.** The status of special issue and topics in 2024.

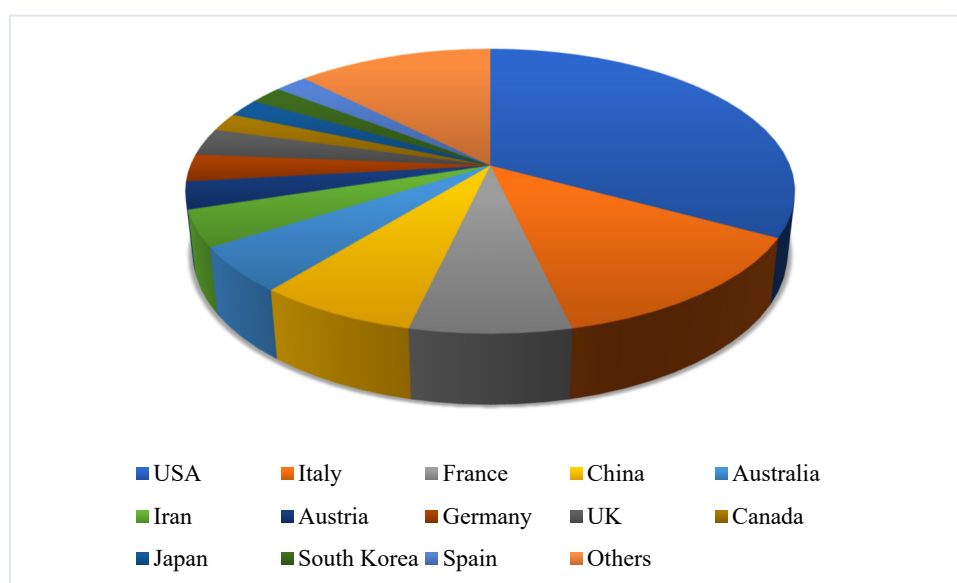
|   | Special issue/Topic   | Online | Link  |
|---|---|--------|---|
| 1 | Special issue: Acritical intelligence in medicine                         | 4      | <a href="https://www.aimspress.com/aimsmeds/article/6710/special-articles">https://www.aimspress.com/aimsmeds/article/6710/special-articles</a> |
| 2 | Special issue: Current challenges in calcific coronary lesions management | 4      | <a href="https://www.aimspress.com/aimsmeds/article/6645/special-articles">https://www.aimspress.com/aimsmeds/article/6645/special-articles</a> |
| 3 | Special issue: New approaches to people with chronic pain                 | 2      | <a href="https://www.aimspress.com/aimsmeds/article/6715/special-articles">https://www.aimspress.com/aimsmeds/article/6715/special-articles</a> |
| 4 | Hot topic: Sedentary behaviour  | 4      | <a href="https://www.aimspress.com/aimsmeds/article/6613/special-articles">https://www.aimspress.com/aimsmeds/article/6613/special-articles</a> |
| 5 | Hot topic: Medical education  | 3      | <a href="https://www.aimspress.com/aimsmeds/article/6688/special-articles">https://www.aimspress.com/aimsmeds/article/6688/special-articles</a> |
| 6 | Hot topic: Cancer screening   | 2      | <a href="https://www.aimspress.com/aimsmeds/article/6750/special-articles">https://www.aimspress.com/aimsmeds/article/6750/special-articles</a> |
| 7 | Hot topic: Type 2 diabetes mellitus                                       | 2      | <a href="http://www.aimspress.com/aimsmeds/article/5907/special-articles">http://www.aimspress.com/aimsmeds/article/5907/special-articles</a>   |

## 5. Editorial board members

The AIMS Medical Science Journal has 97 members representing 25 countries, with three new additions in 2024. One-third of the members are from the United States, while Italy, France, and China collectively make up slightly less than a third (Figure 4).

We would like to extend our special appreciation to our editors: Kelly Pagidas (Editor-in-Chief), Belgüzar Kara, Panayota Mitrou, Gulshan Sunavala-Dossabhoy, Casey Peiris, Tatsuro Mutoh, Yi-Jang Lee, Piero Pavone, Sok Khoo, Alessandro Delitala, Elias El-Habr, Kevin Y.-L. Yap, Chiaki Hidai, Bogdan Borz, Susanne Finnegan, Iman Aganj, Andrei Kelarev, Sang Park, Rosario Megna, Sreekumar Othumpangat, Francesca Valent, Bernardo Cortese, etc.

We sincerely thank all Editorial Board members, reviewers, in-house editors, and staff for their dedication, hard work, and commitment throughout the year. We look forward to welcoming additional international scholars to join our team in the coming year.

**Figure 4.** Editorial board members distribution.

## Acknowledgments

We extend our sincere gratitude to all Editorial Board members, reviewers, in-house editors, and staff for their time and dedication in enhancing the journal's performance. We also deeply appreciate the contributions of our authors. Looking ahead to 2025, we aim to attract more outstanding authors and publish even more exceptional articles.



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