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Editorial

Annual Report 2025

AIMS Materials Science Editorial Office*

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Abstract: This editorial note presents the 2025 journal report of AIMS Materials Science, which was run by AIMS Press. It provides a brief summary of the journal's development in 2025 and outlines proposed directions and priorities for its continued growth in 2026.

1. Journal summary

The Editorial Office of AIMS Materials Science would like to extend its sincere gratitude to all authors, reviewers, and advisory board and editorial board members for their valuable contributions to the journal in 2025. Thanks to these collective efforts, the journal has made meaningful progress over the past year, and we look forward to an even more productive and impactful in 2026.

AIMS Materials Science is an international Open Access journal devoted to the rapid publication of peer-reviewed, high-quality original research in materials technology and science. In 2025, we received 182 manuscripts, after careful and professional review, 60 of them were accepted and published. These published papers include 43 research articles, 13 review papers, and 4 editorials. The acceptance rate of our journal in 2025 was 32.96%, reflecting our commitment to publishing high-quality manuscripts that meet the journal's scientific and technological standards. The authors of the published manuscripts come from 25 countries worldwide. The sources of submissions indicate a significant increase in international collaboration in materials science research. The journal has now established a notable presence in the academic publishing market.

One of the important strategies for attracting high quality and high impact papers to our journal has been the call for special issues. In 2025, 2 special issues were established, and we hope that these focused topics will attract more high-quality manuscript submissions. AIMS Materials Science currently has 66 enthusiastic members on the Editorial Board, including 5 new members who joined

in 2025. We will continue to renew the board and welcome dedicated researchers to join the Editorial Board in 2026.

2. Manuscript processing

2.1. Manuscript statistics

In 2025, AIMS Materials Science published 6 issues, with a total of 60 articles released online, and the categories of the published articles are summarized in Table 1. As shown in Figure 1, compared with 2024, the number of submissions in 2025 slightly decreased. In 2026, we will continue to encourage researchers in the field of materials science to submit high-quality manuscripts to the journal.

Table 1. Category of published articles.

Type	Number
Research article	43
Review	13
Editorial	4

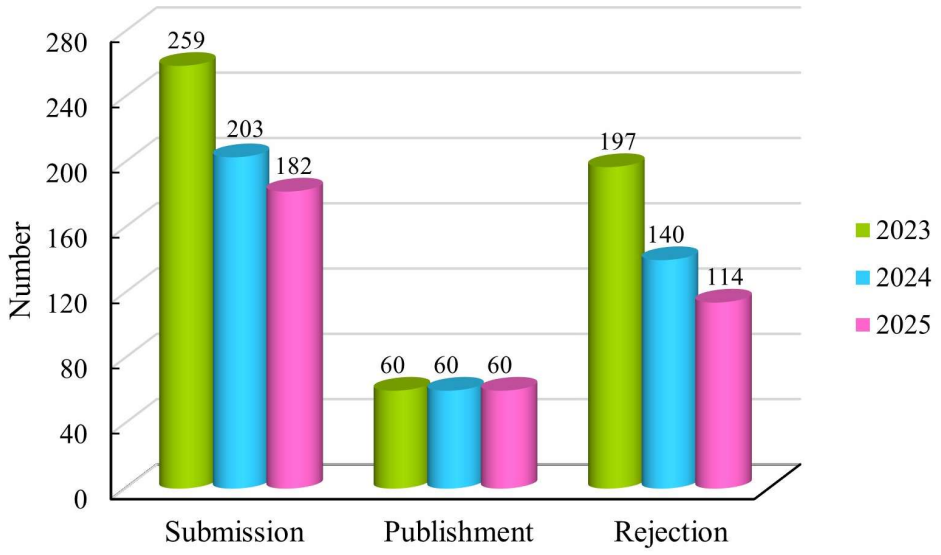

Figure 1. Number of submissions and publications in the past 3 years.

Submission in 2025: 182
Online: 60
Rejection: 114
In process: 8
Online rate: 32.96%
Median publication time (from submission to online): 84.84 days

2.2. Manuscript processing time

The processing time of the manuscript comprises four measurement indicators: submission to first decision time, submission to final decision time, acceptance to publication time, and average publication time. Figure 2 shows the changes in different indicators over the four quarters in 2025. As shown in Figure 2a, the average submission to first decision time in 2025 is 42.92 days, which includes the time for editorial board members to do a brief check and for reviewers to complete the review report. The time between the first decision and the final decision largely depends on the time required for the authors to complete the revisions and for the reviewers to review them. Figure 2b displays that the submission to final decision time in 2025 is 69.82 days. The average time from manuscript acceptance to publication is influenced by typesetting, English checking, and author proofreading. In 2025, this time is 15.03 days. In summary, the average time from submission to publication in 2025 is 84.84 days.

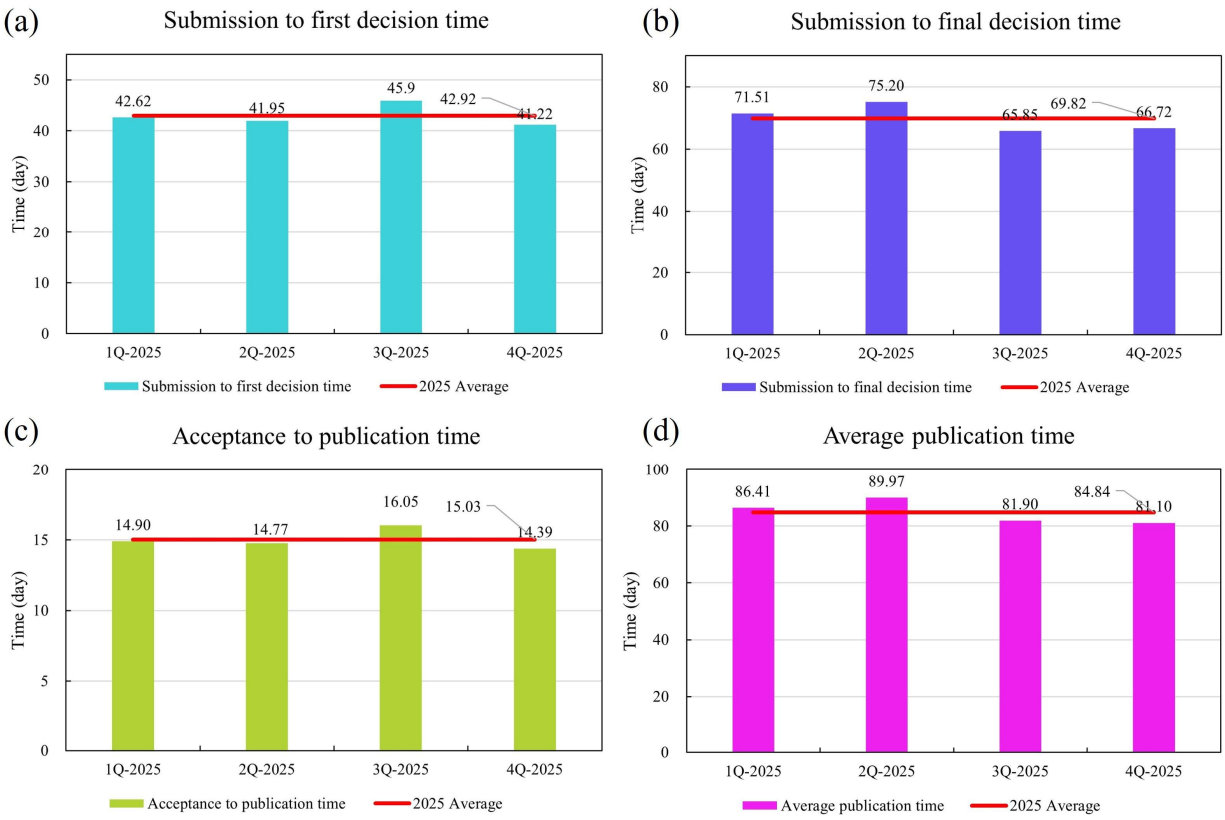

Figure 2. The processing time of the manuscript.

2.3. Special issues

Organizing high-quality special issues was a very important task in 2025. The journal is committed to collecting and summarizing frontier and hot topics, establishing corresponding special issues, and attracting high-quality articles. In 2025, 2 special issues were launched. To date, as shown in Table 2, there are 7 open special issues, and scholars from all over the world are welcome to select suitable special issues aligned with their research interests for submission. We hope that Editorial

Board members will propose more potential topics and serve as guest editors of special issues. In addition, authors are also encouraged to propose interesting topics. Table 3 shows some examples of special issues with more than 5 published papers.

Table 2. Currently available open special issues.

Special issues	Link
Smart Materials in Civil Structures	https://www.aimspress.com/aimsmates/article/6725/special-articles
Advances in Laser Materials and Processing Technologies	https://www.aimspress.com/aimsmates/article/6635/special-articles
Advances in Glass and Glass Crystalline Materials	https://www.aimspress.com/aimsmates/article/6585/special-articles
Properties and Modelling of Concretes Modified by Additions and Nanomaterials	https://www.aimspress.com/aimsmates/article/6102/special-articles
Mechanical metamaterials: their advances and applications	https://www.aimspress.com/aimsmates/article/6588/special-articles
Recent Developments in Biodegradable Alloys	https://www.aimspress.com/aimsmates/article/7002/special-articles
Advanced Materials Design and Manufacturing Technologies for Enhanced Structural Integrity of Components	https://www.aimspress.com/aimsmates/article/7092/special-articles

Table 3. Special issues more than 5 papers.

Special issues	Link	Papers
Smart Materials in Civil Structures	https://www.aimspress.com/aimsmates/article/6725/special-articles	12
Advances in Laser Materials and Processing Technologies	https://www.aimspress.com/aimsmates/article/6635/special-articles	9
Advances in Glass and Glass Crystalline Materials	https://www.aimspress.com/aimsmates/article/6585/special-articles	7

2.4. Articles metrics

Tables 4 and 5 are top 8 articles with highest HTML views (published in 2025) and citations (last two years).

Table 4. The top 8 articles with highest HTML views published in 2025.

No.	Title	Views
1	Synthesis routes of zeolitic imidazolate framework-8 for CO_2 capture: A review	4325
2	A review of the applications of ultra-high performance concrete in flat components and the associated fire-induced spalling risk	3196
3	Application of graphene/graphene-oxide: A comprehensive review	2959
4	Laser surface processing technology for performance enhancement of TENG	2436
5	Emerging trends in advanced biomimetic composite materials inspired by biological structures and functions in nature	2279
6	A photothermal soft actuator based on graphene/PDMS composite materials reinforced by carbon fiber skeleton	2198
7	Microstructural evolution and direct shear strength of cement-stabilized soil under freeze-thaw cycles	2063
8	Molecular structure and thermal conductivity of hydrated sodium aluminosilicate (N-A-S-H) gel under different Si/Al ratios and temperatures: A molecular dynamics analysis	1946

Table 5. The 8 papers with the highest number of citations in 2025.

No.	Title	Publication year	Citations in 2025
1	A recent review on advancements in dimensional accuracy in fused deposition modeling (FDM) 3D printing	2024	11
2	Recent advances in peridynamic theory: A review	2024	9
3	Influence of infill patterns and densities on the fatigue performance and fracture behavior of 3D-printed carbon fiber-reinforced PLA composites	2024	9
4	Low-cost piezoelectric sensors and gamma ray attenuation fabricated from novel polymeric nanocomposites	2023	9
5	Mechanical properties and brittleness of concrete made by combined fly ash, silica fume and nanosilica with ordinary Portland cement	2023	8
6	Properties and applications of natural, synthetic and hybrid fiber reinforced polymer composite: A review	2024	8
7	Review of effective techniques for surface engineering material modification for a variety of applications	2023	7
8	A review of pore-forming agents on the structures, porosities, and mechanical properties of porous ceramics	2024	6

2.5. Author distribution

In 2025, we received 182 submissions, of which 60 have been published online and 8 are still under processing. In total, we published 60 papers, consisting of 43 research papers, 13 review papers, and 4 editorials. Figure 3 shows the diversity of the authors' distribution. We would like to express our gratitude to all authors for their trust and support of AIMS Materials Science. We firmly believe that this widely distributed and strong research community has promoted the development of materials science.

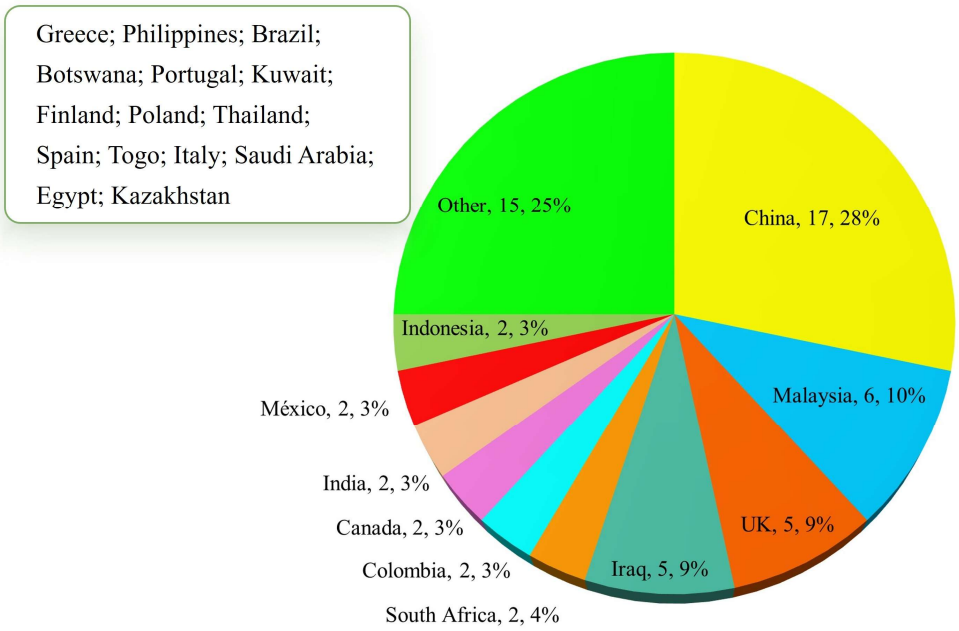

Figure 3. Author's countries of online.

2.6. Editorial Board members

The journal's Editorial Board currently consists of 66 senior experts from 16 countries, representing a diverse range of research experience and expertise. Approximately 80% of our EB members are from China, Italy, USA, Portugal, Canada, Germany, and Australia (Figure 4). In terms of editorial service, most members contributed a lot to our journal. We will continue to invite dedicated experts and researchers to further renew and strengthen the Editorial Board in 2026.

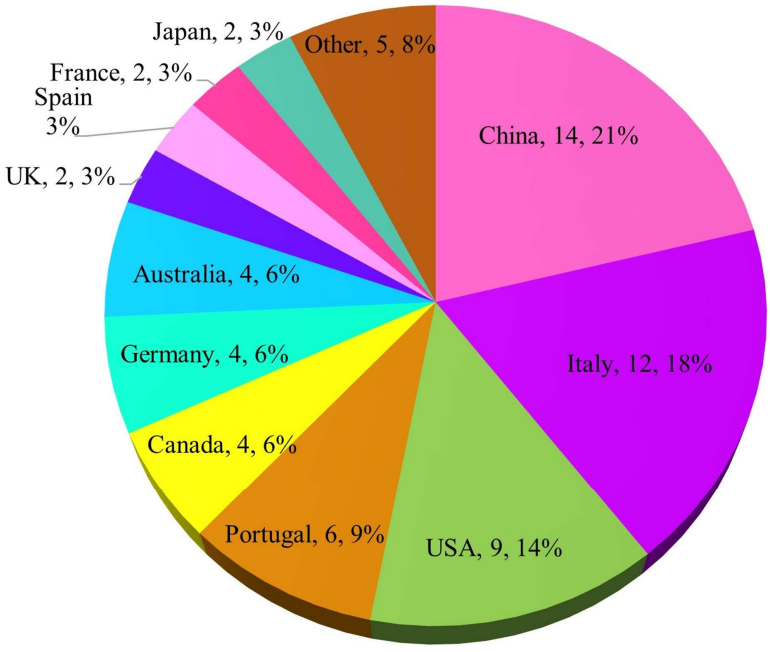

Figure 4. Country distribution of editorial board members.

3. Summary and perspective

3.1. Summary

We received more than 182 manuscript submissions and published 60 papers in 2025. In the past year, with the friendly support of the guest editors, we successfully established 2 special issues. In 2025, with the support of the editorial board members and the editor-in-chief, as well as the contributions of authors and reviewers, AIMS Materials Science received increasing attention.

3.2. Plan in 2026

We will continue to elevate our journal to a higher level through the joint efforts of the editorial board, editors, and contributing authors in 2026. The goal of running this journal is to attract outstanding scientific authors and high-quality papers, ensuring that AIMS Materials Science gains more citations and remains at the forefront of professional publications in materials science. In this way, we aim to provide the scientific community with a high-quality journal that addresses global challenges and explores new frontiers in materials science and engineering. To achieve this goal, the following major developments are planned for 2026.

Firstly, we aim to attract highly reputed and professional scholars in the field of materials science to contribute more manuscripts. In addition, we will seek to invite more high-quality articles, especially original research and review papers. We also plan to increase the diversity of articles from developed countries. Meanwhile, we will strive to shorten the manuscript processing cycle and accelerate the publication of high-quality articles.

Secondly, we will continue to recruit outstanding editorial board members in materials science, particularly in areas such as flexible materials, new energy storage materials, and the application of artificial intelligence in materials preparation.

Lastly, increasing the journal's impact is also an important objective for 2026. We encourage our board members to actively support this goal by soliciting and promoting high-quality articles and special issues. In addition, we will invite more manuscripts on emerging topics and special issues to further enhance the citation impact of published articles.

Acknowledgments

We sincerely appreciate the time and effort of all our Editorial Board Members and Guest Editors, as well as the reviewers devoted to our journal. Your outstanding professional effort and expertise provided us with very useful and professional suggestions in 2025. Last, but not least, thanks are given to the hard work of the in-house editorial team.