



Editorial

Annual Report 2025

Xu Guo*

Springfield, MO 65801-2604, USA

* **Correspondence:** Email: bioengineering@aimspress.org.

1. Journal summary

During the 2025, we had 34 valid submissions, 28 published papers. Of these, 16 were research articles, 11 were review articles. Authors were most often from China, the United States, Mexico, Japan, Canada, India, Brazil, and other countries. In the year 2026, it is still necessary to proactively and regularly send invitation letters for free publication of reviews to high h-index and highly cited scholars in the field of bioengineering.

As of 2025, a total of 8 articles have been published in the special issue "Artificial intelligence in bioengineering: Pioneering advances in medical robotics, imaging, and personalized therapeutics". A new special issue "Synthetic Enzymes – Advances and Applications" be established in August 2025. It is hoped that this special issue will attract authors to submit papers in 2026. In 2026, we will continue to strive to create more topics with potential and popularity, in order to increase the number of submissions from authors. AIMS Bioengineering have invited 4 experts to join our Editorial Board in 2025. We will continue to renew Editorial Board in 2026.

Starting from 2025, I have also actively engaged in cooperation with other international conferences. As a publishing partner, I actively encourage the participants of the conferences to publish their papers in our journal. For the partners, we will prominently display the logo identification page of our journal "AIMS Bioengineering" on the conference website. We require them to conduct cooperative promotion on the website and social media platforms, and give special oral acknowledgments at the opening and closing ceremonies of the conference, emphasizing the support and contributions provided by our journal "AIMS Bioengineering".

Database inclusion status: In May 2025, our journal was included in the Scopus database, and in October 2025, it was included in the EI Compendex database. We hope that the inclusion in these two major databases will have a positive impact on the journal, attracting more high-quality authors to submit their works. In the upcoming solicitation of contributions, I will also specifically explain the database inclusion status of our journal AIMS Bioengineering.

For the next year I hope we can increase the number of high quality submissions to this journal, while maintaining a rigorous review process. We also have a number of actions planned which we hope will enable further development to strengthen the presence, quality and sustainability of our journal. For example, invite high reputation and professional authors to submit manuscripts for our journal, issuance of more popular special issues, renewal of the Editorial Board and reduction of processing time. We will be seeking the support of the Editorial Board members to make this plan a success.

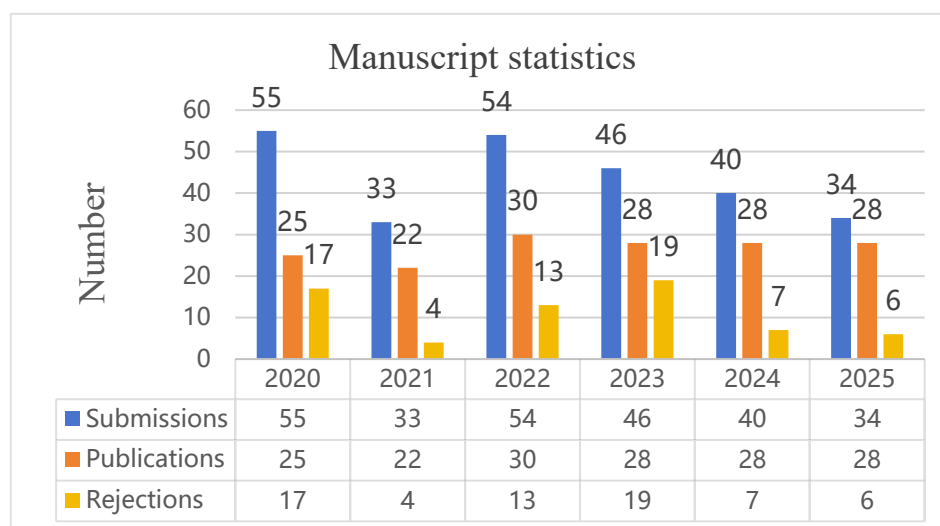
I would like to end this report by thanking all the members of the journal's Editorial Team and Board. The continued growth seen in 2025 was due to your hard work and I look forward to working with you to further build the strength and reputation of our journal in 2026.

The AIMS Bioengineering Editorial Office
Springfield, MO 65801-2604, USA

2. Editorial development

2.1. Manuscript statistics

The valid submissions of our AIMS Bioengineering journal in 2025 down slightly. The journal AIMS Bioengineering began accepting submissions in 2020 and in the past year, it received 34 submissions. Of those, 28 were submitted online, 6 were rejected. The Median Publication time in 2025 (from submission to online) is 85 days, we will try our best to reduce the processing time in 2026 and still supply authors with a better experience for publication.



Submission: 34

Online: 28

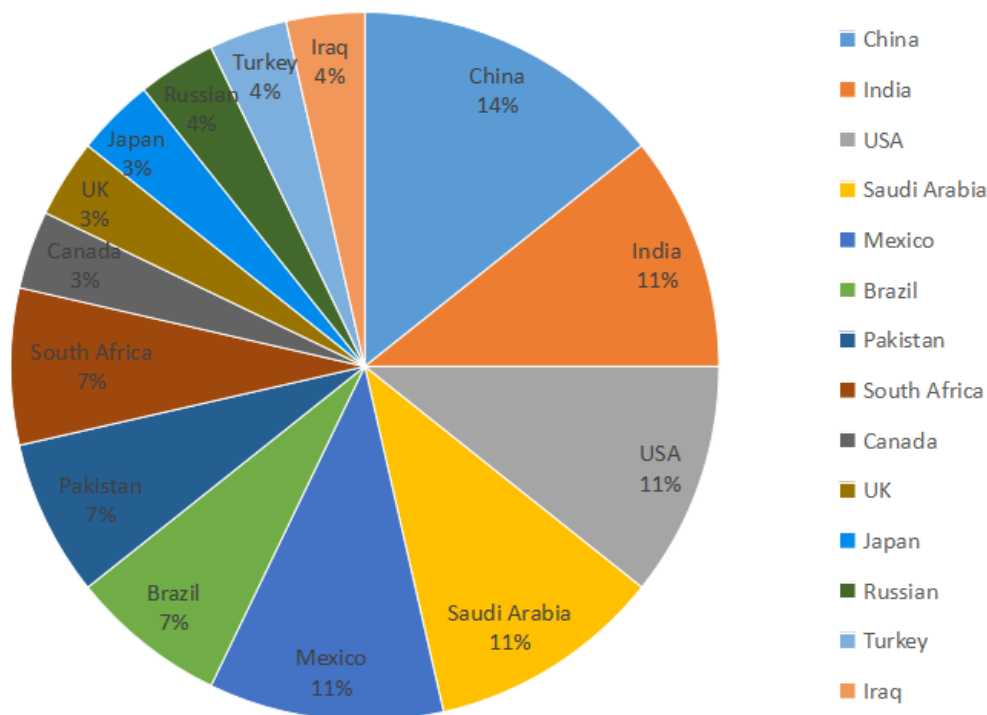
Rejection: 6

Reject rate: 17.65%

Median Publication time (from submission to online): 85 days

2.2. Author distribution

Author country of origin distribution is shown below. It is pleasing to see so many countries represented among our authors. The following Chart shows that the majority of authors of AIMS Bioengineering online manuscripts in 2025 are from China, the United States, Mexico, Japan, Canada, India, Brazil, and other countries.



2.3. Article type

The table below lists the article type of published articles.

Type	Number
Review	11
Research article	16
Editorial	1

2.4. Article metrics

Table 1. Top 10 articles with most cited (Last two years).

Title	Number
Real data-based optimal control strategies for assessing the impact of the Omicron variant on heart attacks (2023)	18
Enhancing public health strategies for tungiasis: A mathematical approach with fractional derivative (2023)	15
Insights into dengue transmission modeling: Index of memory, carriers, and vaccination dynamics explored via non-integer derivative (2024)	7
Decision support systems in healthcare: systematic review, meta- analysis and prediction, with example of COVID-19 (2023)	6
Dynamic expansion of mesenchymal stem/stromal cells in a stirred tank bioreactor promotes the release of potent extracellular vesicles (2023)	6
Harnessing artificial intelligence for enhanced nanoparticle design in precision oncology (2024)	5
Robust QRS complex detection in noisy electrocardiogram based on underdamped periodic stochastic resonance (2023)	4
Sensitivity analysis-based control strategies of a mathematical model for reducing marijuana smoking (2023)	4
NeuroWave-Net: Enhancing epileptic seizure detection from EEG brain signals via advanced convolutional and long short-term memory networks (2024)	3
Nanoparticles in biomedical implants: Pioneering progress in healthcare (2024)	3

2.5. Special issue

We encourage Editorial Board members to suggest potential topics and to act as guest editors of special issues. The details of the open special issue are as follows:

Title	Creation date	Online
Advancing healthcare education in the digital age: new challenges and opportunities	2023.09	8
Synthetic Enzymes-Advances and Applications	2025.08	0
Emerging Technologies in Sports Health Engineering: From Monitoring to Performance Optimization	2026.01	0

2.6. Editorial Board members

AIMS Bioengineering has 63 Editorial Board members, 4 of which joined in 2025. Importantly, we thank all Editorial Board members for their hard work throughout the year, and it is noted that many Editorial Board members made significant contributions to our journal. We will continue to renew Editorial Board in 2026.

2.7. Summary & plan

2.7.1. Summary

In 2025, our journal developed smoothly. We have received 34 submissions and published 28 papers in 2025.

The IF grades situation: The 2023 Impact Factor is 1, the 2024 Impact Factor is 1.2, citations has increased to a certain extent, and in 2026 we will make improving citations a priority, at the same time, we will continue to take this opportunity to elevate our journal AIMS Bioengineering to a higher level with the joint efforts of the editorial board, editors, and contributing authors in the 2026.

2.7.2. Plan for 2026

In order to distribute the knowledge, quality science and to enhance the scope of our newly launched journal we need support from eminent professionals. With this in mind, our first action for 2026 is to renew the Editorial Board. This renewal has two parts: (1) invitation of leading scholars in the field of Bioengineering to join the Board; and (2) removal of members who have become inactive.

Our second action for 2026 is to invite high reputation and professional authors to submit manuscript for our journal. We will try to invite more high-quality articles (Research and Review), especially the Review. And we plan to increase the proportion of articles from developed countries.

The third action is to edit more popular Special Issues and Topic associated with hot area on Bioengineering. This will attract more submissions from authors studying Bioengineering. Increase influence by soliciting and advertising high quality articles and special issues (topics).

The fourth action, and the most important for 2026, is to increase citations. We have to maximize exposure to high-quality and high-cited articles in a variety of ways in order to provide good science and knowledge. Specific ways to improve paper citations are planned as follows: (1) Focusing on current hot issues, frontier areas or topics of social significance can attract more attention and citations; (2) After the publication of the paper, the initiative of publicity and promotion is also an effective way to improve the citation rate; (3) Pay attention to the publication's article citation, explain the situation to the author regularly, encourage and motivate the author to continue to expand the citation of the article; (4) In order to avoid the impact of uncited articles on the overall citation of the journal, usually, when call for papers, editors should pay special attention to the author's past articles cited situation; (5) For highly cited authors published in our journal, suggest continue to expand the influence, make a paper invitation to him to submission for free, and the journal thanked him for his contribution; (6) Seek cooperation with other journals, conferences, and scientific laboratories to promote communication, academic publication, and further increase the impact of your journal; (7) Grasp the existing resources, past contributing authors, reviewers, editorial board members, and actively mobilize all parties to promote positive and effective action.



AIMS Press

©2026 the Author(s), licensee AIMS Press. This is an open access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/4.0>)