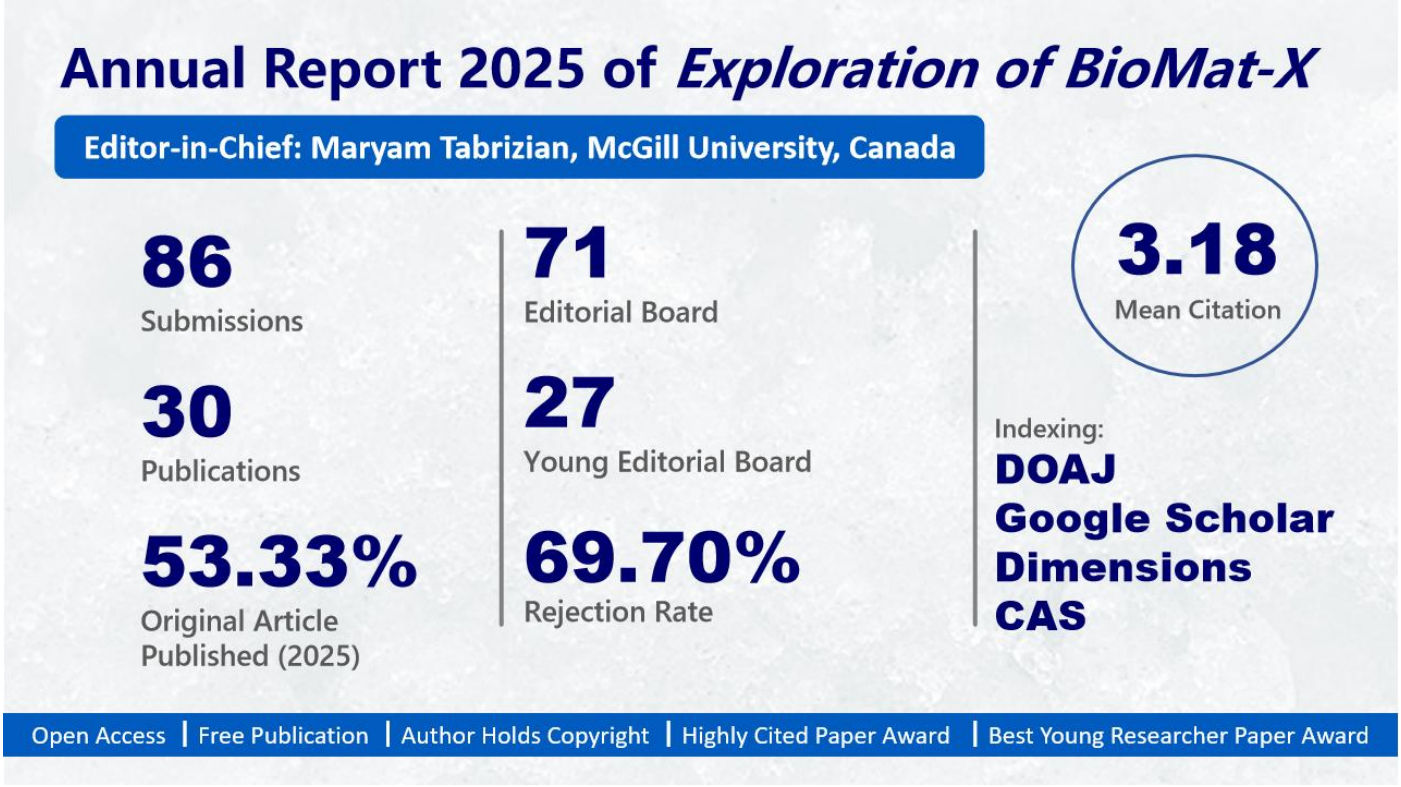
Annual Report 2025 of *Exploration of BioMat-X*



Exploration of BioMat-X (EBMX, eISSN: 2996-9476) is a peer-reviewed open-access journal dedicated to publishing high-quality research of academic significance in the field of biomaterials. Since its launch in 2024, the journal has continued to refine its academic scope, strengthen editorial workflows, and expand international scholarly exchanges, gradually establishing a stable and sustainable publishing framework that supports biomaterials research.

This report provides a systematic overview of EBMX's development in 2025, covering submissions, publications, citations, manuscript processing, editorial board development, and academic dissemination. Through the presentation of key data indicators, the report highlights the journal's steady progress in standardization and the accumulation of academic influence, while also outlining its future goals and development directions.

Key Achievements in 2025

Submission and Publication

Submission

In 2025, EBMX received 86 submissions, representing an 83% increase compared with 2024 [Figure 1]. This growth indicates a continued increase in the journal's visibility and recognition within the relevant research community. Original Articles (39 submissions, 45.35%) and Reviews (38 submissions, 44.19%) remained the predominant submission types [Figure 2]. reflecting EBMX's sustained emphasis on publishing original research alongside comprehensive reviews that synthesize progress and facilitate academic exchange. The submission of Perspectives, Commentaries, Systematic Reviews, and Mini Reviews also indicates a trend toward greater diversity in article types. Overall, the 2025 submission type was relatively balanced, supporting the

journal's commitment to maintaining high-quality publications while gradually expanding the scope and depth of academic discourse, thereby laying a foundation for stable, sustained growth.

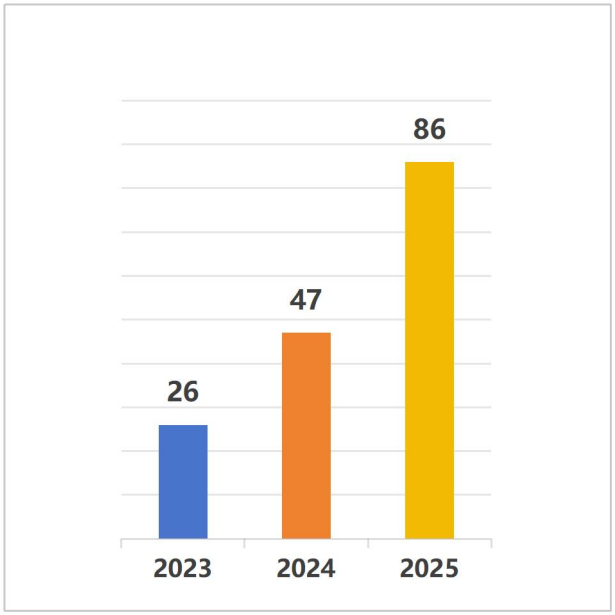


Figure 1. Number of Submissions Per Year

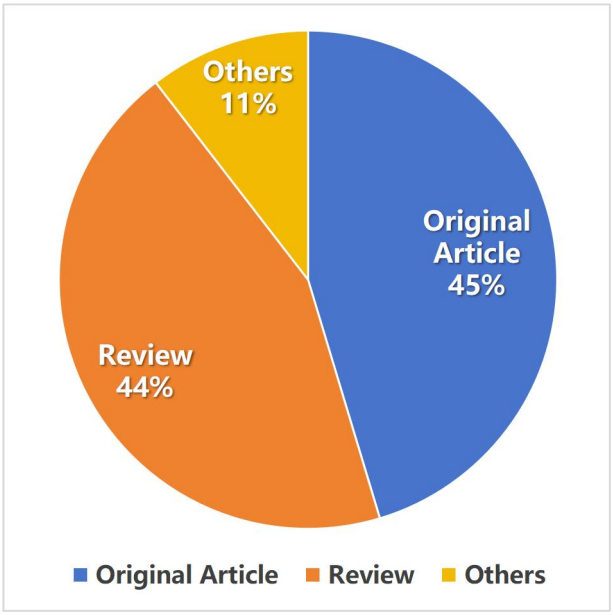


Figure 2. Types of 2025 Submissions

Publication

In 2025, EBMX published a total of 30 articles [Figure 3]. These comprised 16 Original Articles (53.33%), 11 Reviews (36.67%), 2 Perspectives (6.67%), and 1 Commentary (3.33%) [Figure 4]. The predominance of Original Articles and Reviews underscores the journal's sustained focus on high-quality research outputs and comprehensive scholarly synthesis. Meanwhile, the inclusion of Perspectives and Commentaries has further diversified the content portfolio, fostering viewpoint exchange and academic discourse. Overall, the 2025 publication type remained well aligned with the journal's scope and positioning, enabling steady expansion while maintaining academic quality.

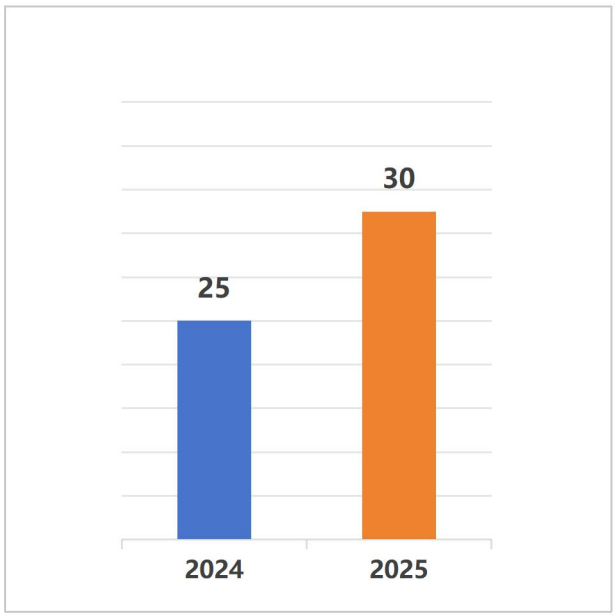


Figure 3. Number of Publications Per Year

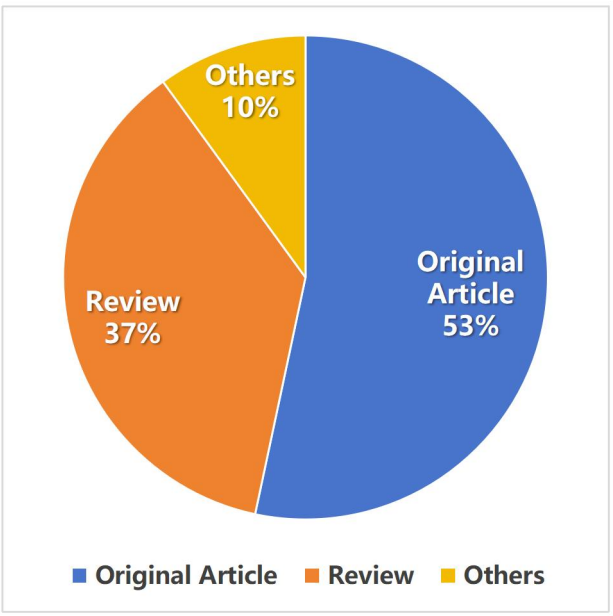


Figure 4. Types of 2025 Publications

Authors

Regarding authors' academic backgrounds, the average H-index was 17.83 for corresponding authors and 4.46 for first authors. These metrics indicate that the journal's authorship includes both established researchers and early-career scholars, reflecting a broad and diverse contributor base. The 30 corresponding authors were affiliated with institutions in 15 countries and regions, such as the USA, Mexico, India, China, and Canada [Figure 5]. This distribution demonstrates a growing degree of international diversity among contributing authors. Overall, the combination of diverse academic seniority and broad geographic representation strengthens the journal's foundation for expanding international exchange and enhancing its academic reach.

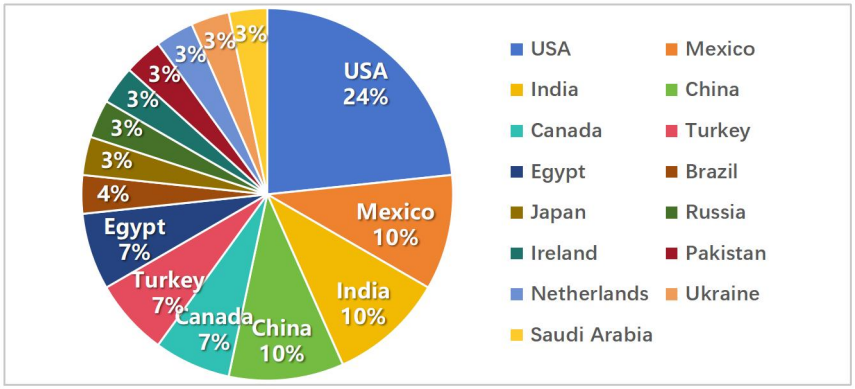


Figure 5. Country Distribution of 2025 Publications

Article Data Highlights

Cumulatively, the published articles have averaged 4,410.33 views and 97.82 downloads per article. Among the 30 articles published in 2025, 24 received more than 1,000 views, and 8 exceeded 100 downloads, demonstrating a stable level of readership interest upon release [Table 1]. These papers reflect relatively strong reader engagement in their chosen topics and research content, underscoring sustained interest in the relevant research areas. Regarding citation performance, 12 articles published in 2025 have already been cited, giving a citation rate of 40% within the year. Considering the short time since publication, this rate suggests that some research outputs have begun entering scholarly communication and citation networks, highlighting the journal's emerging potential for academic dissemination.

Table 1. Top 3 Most Viewed Articles Published in 2025

No.	Article Title	Corresponding Author(s)
1	Metal 3D printing of biometals for prostheses and implants: a review	Apurba Das
2	Chitosan-based composite scaffolds for accelerated epidermal-dermal wound healing	Neethu Mohan, Renu Mohan
3	Electrospun scaffolds for heart valve tissue engineering	Erkan Türker Baran

Manuscript Processing

Rejection Rate

The rejection rate increased from 44% in 2024 to 69.7%. This rise is primarily due to the significant growth in submissions, as well as the editorial office's increasingly rigorous initial screening and peer-review standards aimed at upholding the journal's scope and academic quality.

Reviewers

In 2025, a total of 88 reviewers supported the journal's peer-review process, collectively holding an average H-index of 12.73. The manuscripts received an average of 2.79 substantive comments per review. Reviewers were based in 30 countries and regions [Figure 6], demonstrating broad international engagement in the journal's peer-review system.

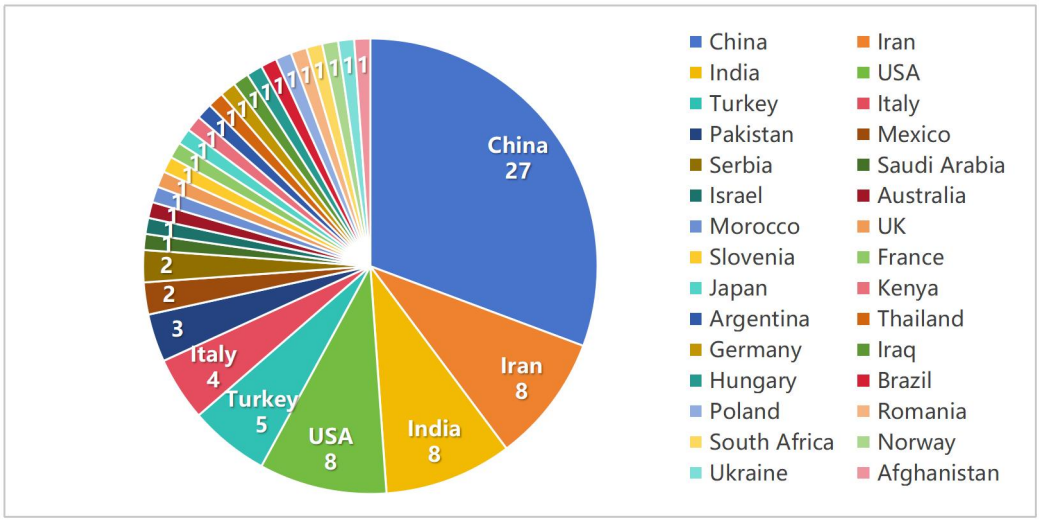


Figure 6. Country Distribution of EBMX Reviewers in 2025

Editorial Board

In 2025, the journal appointed one new Editorial Board Member. The Editorial Board now consists of one Editor-in-Chief, 18 Associate Editors, and 52 Editorial Board Members from 27 countries and regions such as Canada, China, Italy, France, Iran, and Australia, with average H-index of 50.55. This geographically diverse Editorial Board supports the journal across manuscript evaluation, academic scope guidance, and peer-review coordination, while also strengthening editorial standardization and facilitating ongoing international academic exchange.

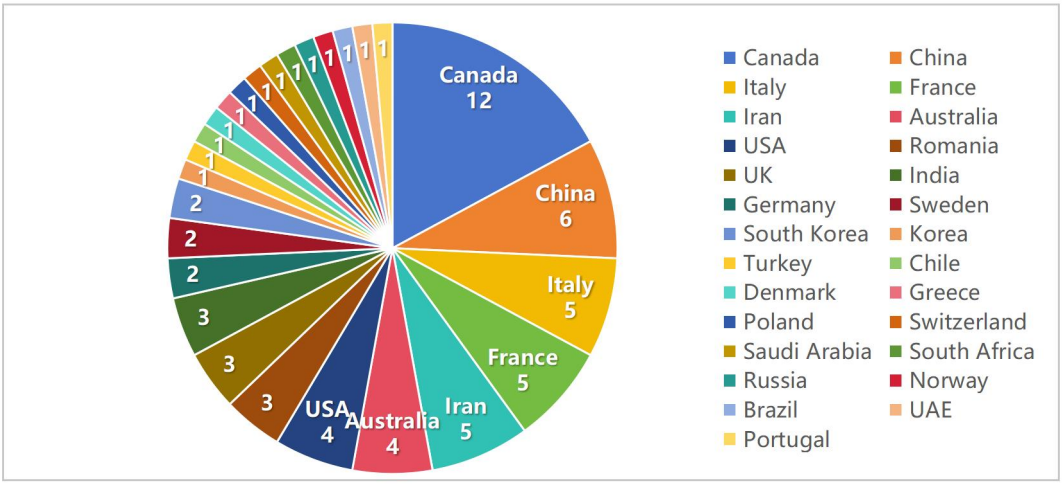


Figure 7. Country Distribution of EBMX Editorial Board

Young Editorial Board

In 2025, EBMX formed a Young Editorial Board to engage early-career researchers in editorial activities and academic exchange. The Young Editorial Board includes 27 members from 15 countries and regions, including

the USA, China, Italy, and Canada, with an overall average H-index of 14.7 [Figure 8, 9]. Its formation enriches the journal's editorial framework by integrating perspectives from researchers at different career stages, helping the journal stay attuned to emerging trends and fostering ongoing scholarly dialogue within biomaterials.

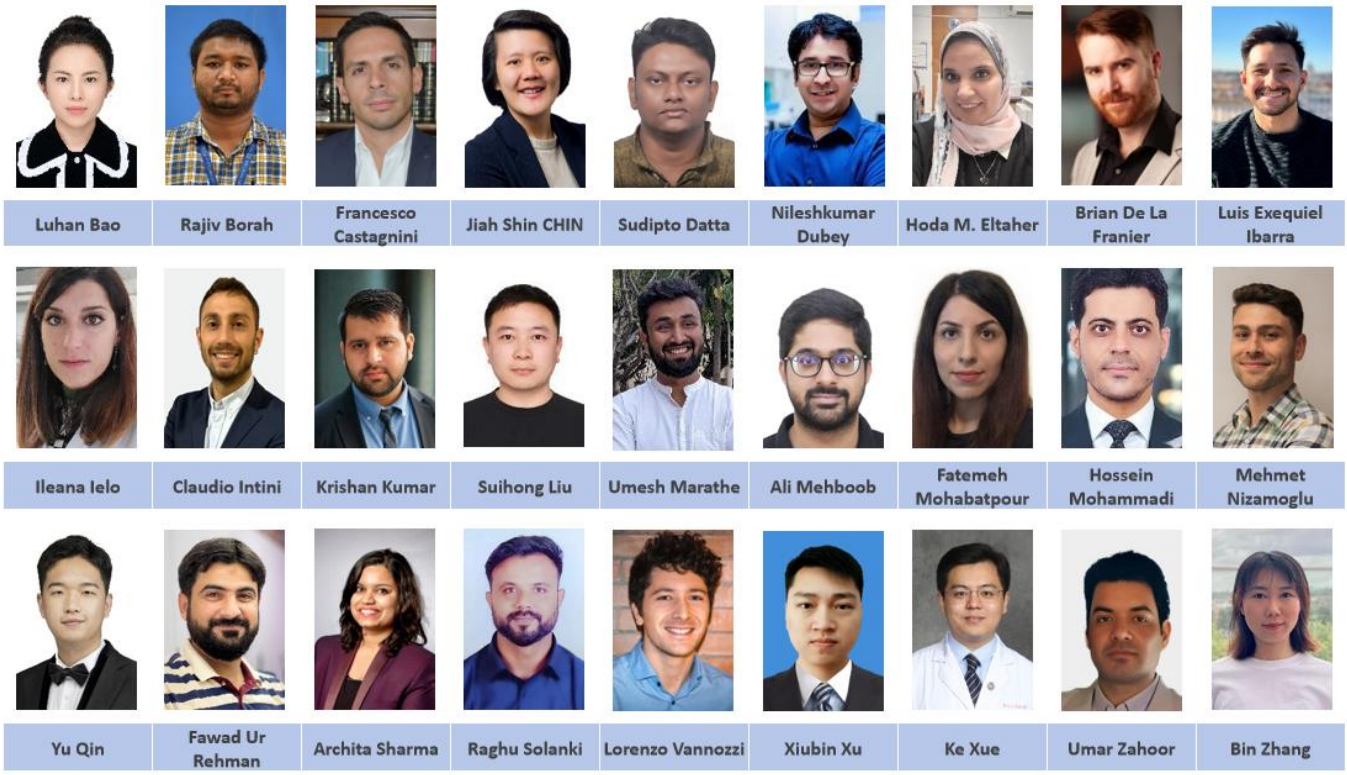


Figure 8. Young Editorial Board Members in 2025

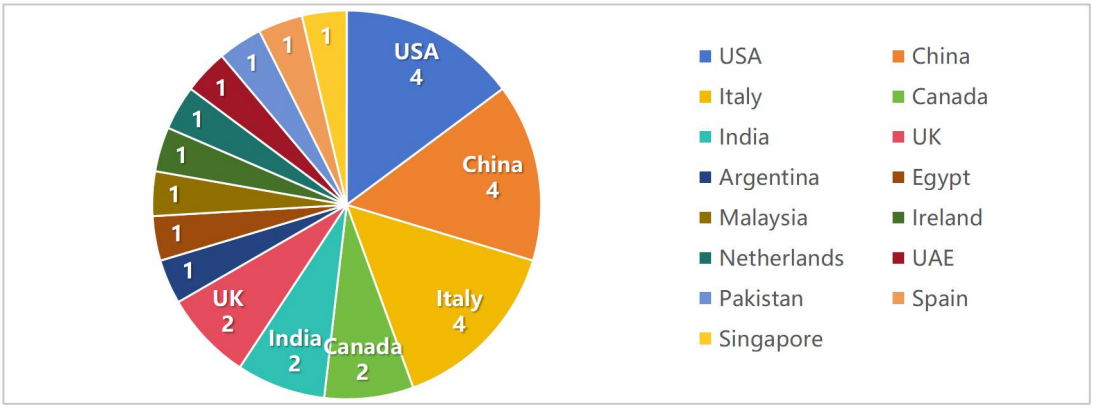


Figure 9. Country Distribution of EBMX Young Editorial Board

Special Issues

Currently, a total of 12 special issues are progressing steadily. The guest editors of these special issues came from 12 countries, including Germany, Australia, Chile, and Italy, with an overall average H-index of 42.14. This reflects the team's strong academic expertise and international standing, which helps ensure the topical relevance and academic depth of the special issues and provides effective support in manuscript organization, peer-review coordination, and quality control. The published special issue articles have performed well in terms of readership and dissemination, with three special issues having published 5–6 articles [Table 2].

Table 2. Hot Special Issue in 2025

Topic	Guest Editor(s)	Country
Bioinspired Material for Regenerative Medicine	Ajay Vikram Singh	Germany
Nature-Based Biomaterials for Biomedical Applications	Jayachandran Venkatesan	India
Metal 3D Printing of Biometals for Prostheses and Implants	Rupinder Singh	India
	J. Paulo Davim	Portugal

Journal Impact

Citations

In 2025, according to consolidated data from Crossref, Dimensions, Google Scholar, and Web of Science, EBMX received 148 new citations, raising its total citations to 175 [Figure 10], with 3.18 mean citations. The monthly mean citation continued to show a steady upward trend [Figure 11]. These reflect the journal's growing academic dissemination potential and indicate that its publications are gaining recognition within the scholarly community, further underscoring EBMX's ongoing commitment to high publication standards and academic excellence.

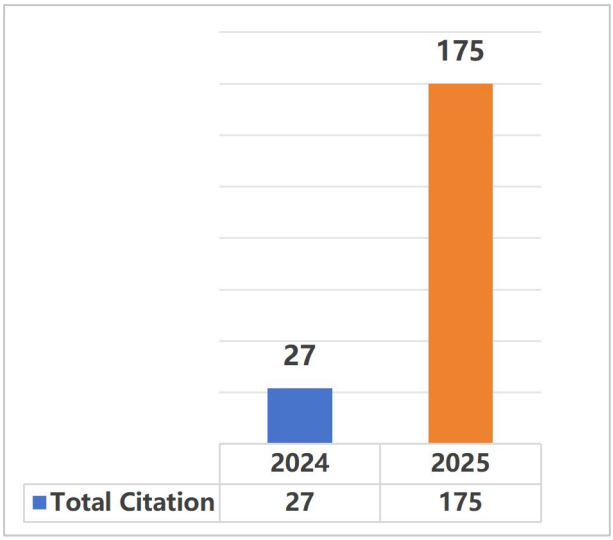


Figure 10. Annual Total Citation

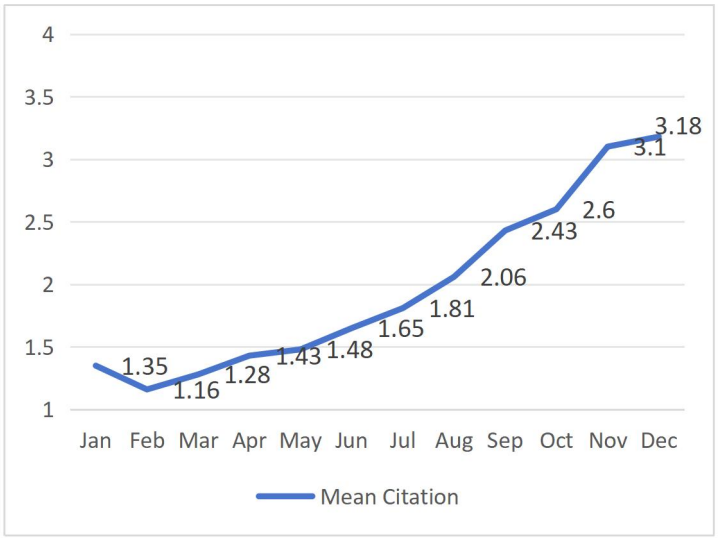


Figure 11. Monthly Mean Citation in 2025

Database Indexing

EBMX is now indexed in the Directory of Open Access Journals (DOAJ) and the Chemical Abstracts Service (CAS), a key milestone in the journal's development [Figure 12]. DOAJ inclusion certifies the journal's adherence to best practices in publication transparency, editorial standards, and open-access ethics, underscoring its commitment to responsible scholarly publishing. CAS indexing boosts the visibility and discoverability of EBMX articles in the global research landscape, facilitating access for researchers, institutions, and industry professionals alike. Together, these achievements strengthen the journal's dissemination capacity and support the continued growth of its academic impact.

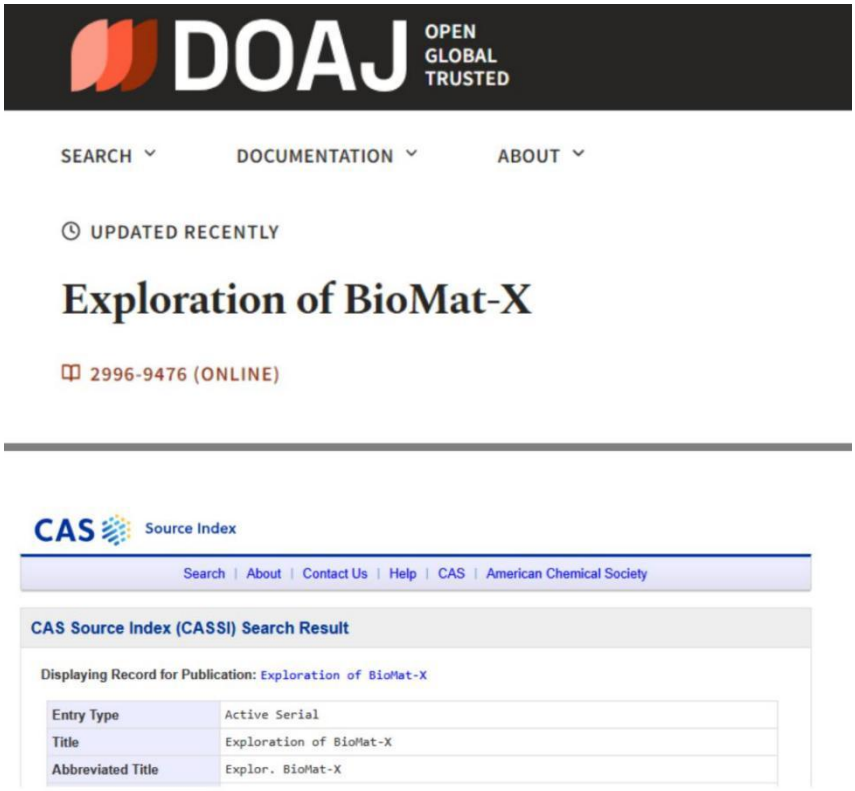


Figure 12. EBMX in DOAJ and CAS

Social Media & Promotion

As of the end of 2025, EBMX has garnered 4,172 LinkedIn connections, an increase of 1,234 from the previous year. Its official account has also attracted 1,995 followers. These figures reflect the journal's expanding audience on professional social media, where its academic content and updates are drawing growing attention from researchers and professionals. The steady growth in social media engagement enables more timely and wider dissemination of journal information and facilitates interaction among the journal, authors, readers, and the broader scholarly community.

Goals and Expectation

Looking ahead to 2026, EBMX will continue to publish more high-quality research. Building on its established editorial and publishing standards, the journal aims to further expand its academic influence while offering platforms and opportunities for early-career researchers to present their work and advance professionally. We will maintain current publishing policies, including our commitment to open access and the waiver of Article Processing Charges (APCs) before January 31, 2029. We also plan to apply for inclusion in Scopus to raise the journal's visibility and impact internationally and will explore further collaborations with academic conferences.

EBMX warmly welcomes scholars from across the global research community to join in advancing the journal's high-quality development. We invite you to engage with us as editorial board members, reviewers, or authors. Your participation will bring fresh academic perspectives and further enrich the depth and breadth of scholarly exchange. We look forward to working with colleagues worldwide to support the journal's continued, steady, and sustainable growth in 2026.

Best Regards,

EBMX Editorial Office

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