



Empowering Arab Researchers: Overcoming Barriers to Effective Knowledge Dissemination

Raed Awashreh^{1,*}(Type: Full Article). Received: 5th Nov. 2024, Accepted: 26th Jun. 2025, Published: 1st Feb. 2026.DOI: <https://doi.org/10.35552/0247.40.2.2535>

Abstract: Objective: This paper explores the complexities of scientific research publishing in the Arab world, focusing on the cultural, institutional, and financial factors that hinder researchers' ability to disseminate their work effectively. It examines the barriers faced by Arab researchers in accessing global research platforms and the impact of these obstacles on the visibility and quality of their work. **Method:** The study employs a framework based on three key elements—cultural, institutional, and financial—utilizing secondary data analysis to review relevant literature, academic journals, and reports on scientific publishing in the region. This approach ensures consistency and readability in presenting the data and offers a comprehensive understanding of the challenges Arab researchers face. **Results:** The findings suggest that while global research networks such as Scopus and Web of Science provide platforms for knowledge sharing, Arab researchers face significant barriers. These include the pressure to publish in prestigious journals, high publication fees, and the emphasis on quantity over quality in academic output. As a result, local knowledge and innovation are often undervalued, and researchers are forced to prioritize metrics over research quality or societal relevance. **Conclusion:** The paper advocates for a reevaluation of academic evaluation criteria in Arab universities, emphasizing the need to prioritize research quality over publication quantity. It highlights the importance of fostering collaboration between universities and research centers to amplify the visibility of Arabic scientific research. By addressing these challenges, the Arab academic community can create a more equitable and supportive research ecosystem, enabling scholars to contribute meaningfully to global knowledge and tackle pressing societal issues.

Keywords: Scientific Publishing, Arab Researchers, Research Barriers, Academic Evaluation, Local Knowledge.

تمكين الباحثين العرب: التغلب على العوائق التي تعيق النشر الفعال للمعرفة

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تاريخ التسليم: (2024/11/5)، تاريخ القبول: (2025/6/26)، تاريخ النشر: (2026/2/1)

الملخص: الهدف: تتناول هذه الورقة البحثية تعقيدات النشر العلمي في العالم العربي، مع التركيز على العوامل الثقافية والمؤسسية والمالية التي تعيق قدرة الباحثين على نشر أعمالهم بشكل فعال. كما تستعرض الورقة تحديات الباحثين العرب في الوصول إلى منصات البحث العالمية، وتتأثر هذه العقبات على مدى انتشار ووجودة أعمالهم. **المنهج:** تعتمد الدراسة على إطار مكون من ثلاثة عناصر رئيسية: الثقافة، والمؤسسات، والتمويل، وذلك باستخدام تحليل بيانات ثانوية لمراجعة الأدبيات ذات الصلة، والمجلات الأكاديمية، والتقارير المتعلقة بالنشر العلمي في المنطقة. يهدف هذا النهج إلى ضمان الاتساق والوضوح في عرض البيانات وتقديم فهم شامل للتحديات التي يواجهها الباحثون العرب. **النتائج:** تشير النتائج إلى أنه رغم توفر منصات عالمية لتبادل المعرفة مثل Web of Science وScopus، إلا أن الباحثين العرب يواجهون عوائق كبيرة. تشمل هذه العوائق الضغط للنشر في مجالات مرممة، وارتفاع رسوم النشر، والتركيز على الكم بدلاً من النوعية في الإنتاج الأكاديمي. ونتيجة لذلك، غالباً ما يهُمّش الابتكار والمعرفة المحلية، ويضطر الباحثون إلى إعطاء الأولوية للمقاييس الكمية على حساب جودة البحث أو أهميته المجتمعية. **الاستنتاج:** تدعو الورقة إلى إعادة تقييم معايير التقييم الأكاديمي في الجامعات العربية، مع التأكيد على ضرورة إعطاء الأولوية لجودة البحث بدلاً من كمية المنشورات. كما تسلط الضوء على أهمية تعزيز التعاون بين الجامعات ومراعاة البحث من أجل زيادة وضوح الأبحاث العلمية العربية. ومن خلال معالجة هذه التحديات، يمكن للمجتمع الأكاديمي العربي أن يخلق بيئة بحثية أكثر عدالة ودعمًا، تتيح للباحثين الإسهام بشكل فعال في المعرفة العالمية ومعالجة القضايا المجتمعية الملحة.

الكلمات المفتاحية: النشر العلمي، الباحثون العرب، معوقات البحث، التقييم الأكاديمي، المعرفة المحلية.

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Introduction

Scientific research is a fundamental pillar of academic advancement and societal progress, shaping our understanding of complex issues and fostering innovation. The quality of research is critical, as it determines the impact and relevance of findings within the global academic community. Established research networks like Scopus and Web of Science play significant roles in promoting high-quality research by providing platforms for scholars to disseminate their work and connect with others in their fields. However, the landscape of scientific publishing in the Arab world faces unique challenges that merit exploration. While globalization facilitates the sharing of knowledge and cross-border collaboration, localization emphasizes the importance of contextualizing research within specific cultural and societal frameworks. This dual approach is essential for encouraging innovation, as researchers can draw on local insights while contributing to global discussions.

Nevertheless, many Arab researchers encounter significant barriers that hinder their ability to publish in prestigious international journals, including cultural, institutional, and financial obstacles (Al-Sharabati, 2015). These challenges may lead to a focus on quantity over quality in publishing practices, with academics often facing substantial costs associated with the publication process, which yield little tangible benefit (Mushagalusa *et al.*, 2024; Wu *et al.*, 2024; Tammam *et al.*, 2024; Raman *et al.*, 2024; Awashreh, 2024).

The competition among universities in the Arab world to encourage faculty members to publish in high-impact journals has sparked significant controversy. This has led to increasing calls for a reassessment of the conditions imposed on publishing, highlighting

the urgent need to reevaluate academic assessment criteria (QS, 2024a). It is essential that these criteria prioritize the quality and innovation of research rather than merely counting publications in prestigious journals. This ongoing discussion presents an opportunity to enhance the academic landscape in the Arab world, fostering research that better serves society and addresses its unique needs (Ryan & Daly, 2019).

This paper aims to provide insights into the factors affecting the effectiveness of scientific publishing in Arab contexts, emphasizing the necessity for improved collaboration between academic institutions and research centers. By addressing issues such as institutional support, funding availability, and cultural attitudes toward publishing, we can cultivate an environment that empowers researchers to navigate the publishing process more effectively. Establishing networks that connect Arab researchers with their international counterparts will facilitate knowledge exchange and enhance the visibility and credibility of their work.

Ultimately, this analysis seeks to deepen our understanding of the current state of scientific research publishing in the Arab world. By proposing actionable recommendations, the study aims to strengthen the presence of Arabic scientific research on the global stage, paving the way for a more vibrant and influential Arab scholarship in international scientific discourse. In a rapidly changing world, fostering a research environment that values both quality and contextual relevance is crucial for empowering scholars to tackle pressing global challenges and drive societal progress.

The primary objective of this study is to analyze the current state of scientific research publishing in the Arab world, identifying and exploring the barriers that Arab researchers

face in disseminating their work in prestigious international journals. Additionally, the study aims to propose actionable recommendations to enhance the effectiveness and reach of Arabic scientific research within global academic networks. To achieve these objectives, the study will address several key questions: What are the main challenges faced by Arab researchers when publishing their work in international journals? In what ways can collaboration between academic institutions and research centers improve the visibility and credibility of Arabic research? Lastly, what role do established research networks, such as Scopus and Web of Science, play in either facilitating or hindering Arab researchers' access to global publishing platforms? By addressing these critical factors, we aspire to foster a more vibrant and influential presence for Arab scholars and diminish cultural dependency in the region.

Literature review

The Arab world is experiencing a complex evolution in scientific publishing, shaped by diverse cultural, institutional, and financial dynamics (Masri, 2024). While the region is rich in intellectual heritage and potential, numerous barriers hinder Arab researchers' ability to contribute effectively to global scientific discourse. This literature review examines existing studies that elucidate the challenges and opportunities in scientific publishing within the Arab context (Masri, 2024), emphasizing the factors influencing research quality and dissemination (Elgamri *et al.*, 2024).

Challenges in Scientific Publishing

Cultural attitudes toward research and publication are crucial in shaping the scientific output of the Arab world. There is a cultural preference for informal knowledge-sharing mechanisms, such as personal interactions and local conferences, over formal publication in

peer-reviewed journals (Basten & Haamann, 2018). This undervaluation of published research arises from the perception that informal exchanges are more accessible and relevant than scholarly articles, which may seem disconnected from immediate societal needs (Tormala, Jia, & Norton, 2012). Furthermore, societal norms often prioritize teaching and community engagement over research, leading to a diminished emphasis on academic publishing (Al Gharaibeh & Islam, 2024). As a result, researchers—particularly early-career academics—may hesitate to engage in publication due to concerns about relevance or impact (Baxter, Burton, & Fancourt, 2022).

To address these cultural barriers, initiatives are needed to elevate the status of research within both academic and societal contexts (Masri, 2024). Promoting the significance of formal publications alongside teaching and community engagement can foster a more balanced academic culture, thereby bridging the gap between informal and formal knowledge-sharing practices (International Labour Organization, 2014).

In addition to cultural factors, institutional frameworks in the Arab world also pose significant challenges for researchers (Awashreh & Al Ghunaimi, 2025). Many universities lack adequate support structures, such as mentorship programs, research grants, and resources for navigating the publishing process, which can discourage emerging scholars (Ashraf, 2022). Moreover, the absence of robust research funding mechanisms limits innovation and collaboration, often leading to reliance on less prestigious local journals (Echono, 2023). Furthermore, faculty assessment criteria that prioritize quantity over quality create a "publish or perish" culture, where researchers focus on producing high volumes of publications rather than

meaningful, high-quality work (Dwivedi *et al.*, 2023).

This quantitative approach to evaluation can discourage originality and critical thinking, as researchers may prioritize meeting publication quotas over exploring innovative ideas (Pandey, Margam, & Singh, 2023). To mitigate these institutional barriers, universities should re-evaluate their support structures and assessment criteria. Developing mentorship programs, increasing funding opportunities, and fostering an academic culture that values quality over quantity are essential steps toward enhancing the research environment (Alraba'y, 2024).

Financial Constraints

Financial obstacles represent a substantial barrier within the Arab scientific publishing landscape, significantly impacting researchers' ability to disseminate their work effectively (Awashreh, 2025). The costs associated with open-access publishing, particularly article processing charges (APCs), can be prohibitively high for many academics in the region. These financial burdens often discourage researchers from submitting their work to high-impact journals, which are increasingly shifting toward open-access models that require upfront payments. For many researchers—particularly those affiliated with institutions lacking robust funding mechanisms—the prospect of these costs can be daunting (Lauer, 2024).

Furthermore, the scarcity of research grants and funding opportunities exacerbates this issue. Many Arab researchers operate in environments where financial support for scientific endeavors is limited, forcing them to rely on personal funds or institutional resources that may be inadequate (Awashreh, 2025b). This financial strain can lead researchers to prioritize quantity over quality in their publications, as they may feel pressured to

produce a larger number of articles to compensate for the lack of resources needed for more comprehensive studies. Consequently, they may be compelled to publish in less prestigious venues that do not require high APCs, potentially limiting the reach and impact of their work (Elgamri *et al.*, 2023).

The implications of these financial constraints extend beyond individual researchers; they can hinder the overall growth and visibility of Arabic scientific research on the global stage. When researchers are unable to publish in high-impact journals, their work may not receive the recognition it deserves, leading to a cycle of underrepresentation in international academic discourse. This lack of visibility can discourage collaboration with global partners and further isolate Arab researchers from the broader scientific community (Salager-Meyer, 2008).

Addressing these financial barriers is crucial for fostering a more vibrant research ecosystem in the Arab world. Strategies to mitigate these challenges could include the establishment of institutional funds specifically designed to cover APCs, the promotion of collaborative funding initiatives among universities, and increased investment in research infrastructure (Bin Byat & Sultan, 2014). Additionally, fostering partnerships with international organizations and funding bodies could help Arab researchers access a broader range of financial resources. By alleviating the financial constraints associated with publishing, the academic community can empower researchers to pursue high-quality, impactful research that contributes to both local and global knowledge (Frontiers, 2024).

Opportunities for Improvement

Strengthening institutional support for researchers is essential to overcoming the challenges faced by academics in the Arab world. A robust support system enables

researchers to pursue innovative projects and contribute meaningfully to their fields. Moreover, collaboration between academic institutions and research centers is crucial for enhancing the visibility and credibility of Arabic research (Elgamri *et al.*, 2024). These entities can share resources, knowledge, and expertise, amplifying the impact and reach of research initiatives.

The importance of research offices within universities cannot be overstated. These offices can streamline administrative tasks, assist with publication processes, secure funding, and guide researchers through the complexities of academic publishing. Additionally, mentorship programs can connect emerging scholars with experienced faculty, enhancing their publishing skills and research proposals. Furthermore, dedicated research offices can obtain funding from government agencies and international organizations, enabling researchers to conduct comprehensive studies (Elgamri *et al.*, 2024). Promoting research visibility through conferences, workshops, and online platforms further enhances the dissemination of academic work (Pinho & Dio, 2018). Creating a culture that values research alongside teaching and community engagement—while prioritizing quality over quantity in faculty evaluations—can motivate scholars to engage in meaningful research (Almazroui & Shatnawi, 2024).

On the other hand, collaboration between academic institutions and research centers plays a vital role in enhancing the visibility of Arabic research. Interdisciplinary networks that connect researchers within the Arab world and globally are crucial. These collaborations foster innovation by enabling diverse perspectives and producing comprehensive solutions to societal challenges. Additionally, joint publications increase the visibility of Arabic research in high-impact journals (Hasan *et al.*, 2023). International collaboration elevates the profile of Arab scholarship in

global academic circles and opens access to funding opportunities, which are often available for collaborative projects (Hedges *et al.*, 2021). Establishing partnerships with international organizations can also provide capacity-building opportunities through workshops and exchange programs, improving research quality and fostering continuous learning (Freshwater *et al.*, 2006).

In summary, institutional support and collaboration are essential for enhancing the global visibility and credibility of Arabic research. By fostering interdisciplinary networks, joint publications, and global partnerships, Arab researchers can contribute significantly to both local and international academic landscapes (QS, 2024a).

Leveraging Research Networks

Established research networks, such as Scopus and Web of Science, are crucial for the visibility of research worldwide. These platforms index a wide range of journals and provide metrics that can enhance the credibility of published research. While these platforms can improve the visibility of Arab researchers, several challenges must be addressed to fully utilize their potential (Pranckutè, 2021).

One key challenge is the indexing of regional journals, as many Arabic journals struggle to meet the stringent criteria required for inclusion in these global databases. This limits the presence of Arabic scholarship and reduces opportunities for international recognition and collaboration. Additionally, the perceived quality of regional journals may suffer from exclusion, leading to skepticism about the rigor of research in Arabic contexts (Elgamri, 2024). To address this, efforts should focus on enhancing the visibility and credibility of Arab journals by improving research quality, implementing rigorous peer-review processes, promoting best publishing practices, and ensuring adherence to international standards.

Training workshops for editors and authors can help align these journals with global expectations (Fleming *et al.*, 2021).

Furthermore, advocating for the inclusion of Arabic journals in global databases is essential. Engaging with administrators of indexing platforms to highlight the value of Arabic research can improve representation. Collaborative initiatives among universities, research institutions, and publishers can amplify these efforts (Orfali, 2022). Moreover, Arab researchers should be encouraged to publish in regional journals that are committed to quality and international standards. Increased participation can help build a stronger scholarly ecosystem and enhance the global reputation of these journals (Elgamri, 2024).

In conclusion, improving the indexing and perceived quality of regional journals is vital for elevating Arabic research in international circles (Pranckutè, 2021). By enhancing local publications and advocating for their inclusion in global databases, the Arab academic community can significantly contribute to global discourse. The landscape of scientific publishing in the Arab world presents both challenges and opportunities. Cultural attitudes, institutional frameworks, and financial constraints all impact the quality and quantity of research output. However, with targeted efforts to strengthen institutional support, foster collaboration, and leverage research networks, the Arab academic community can overcome these obstacles. Future research should focus on strategies to empower researchers and enhance the global standing of Arabic scientific literature (Elgamri *et al.*, 2024).

Framework and methodology

This section presents a theoretical framework that analyzes key dimensions of scientific publishing in the Arab world,

focusing on several specific aspects. The study employs a methodology centered on secondary data analysis, drawing from existing literature, academic journals, and reports related to scientific publishing in the region.

Framework Development and Validation

The framework presented in this study was developed by the researcher through a combination of theoretical insights drawn from existing literature, empirical data from various regional studies, and expert consultations within the Arab academic community. This process aimed to capture the multi-dimensional challenges faced by Arab researchers in the context of international scientific publishing (Unachukwu, Kalu, & Ibiam, 2018; Bhattacherjee, 2012; Alruwaili, 2024).

To develop the framework, the researcher was guided by key studies on the barriers and facilitators to scientific publishing in emerging and developing regions, with a particular focus on the Arab world. By building upon theoretical models in the fields of globalization, knowledge exchange, and innovation management, the framework incorporates insights that are critical to understanding the unique challenges faced by Arab researchers. Additionally, a comprehensive review of secondary data, including academic journals, reports from international research bodies, and governmental publications, helped identify recurring themes that consistently affect Arab researchers' ability to publish internationally (Akkas & Altıparmak, 2023; Onwuegbuzie *et al.*, 2009). Furthermore, a detailed review of previous studies, both within the Arab region and globally, was conducted to identify common challenges, opportunities, and frameworks related to scientific publishing. This review specifically highlighted key areas of focus, including language barriers, access to resources, institutional support, and biases in academic publishing.

The framework is designed to be analyzed through three primary theoretical lenses, which will offer a deeper understanding of how various factors interact to influence scientific publishing in the Arab world:

- **Innovation:** Focusing on how new approaches, such as digital publishing, open access, and innovative collaborations, can enhance the international visibility of Arabic research.
- **Localization:** Examining the unique cultural, social, and academic contexts of the Arab world, which may influence how research is conducted and disseminated.

– **Globalization:** Investigating the effects of global academic networks, the role of international journals, and global research standards on Arab researchers' ability to publish and collaborate.

By applying these lenses, the framework offers a deeper understanding of how various factors interact to shape the challenges and opportunities within the Arab scientific publishing ecosystem. Table (1) below highlights the key dimensions of the framework, emphasizing the critical challenges and strategies to enhance the international visibility of Arab researchers:

Table (1): Framework for Addressing Challenges Faced by Arab Researchers.

Element	Content
Main Challenges in Publishing Internationally	<p>Language Barriers: Limited proficiency in English and other dominant languages can hinder the ability to publish.</p> <p>Access to Resources: Insufficient access to research funding, databases, and journals may restrict publication opportunities.</p> <p>Recognition and Bias: There may be biases against research conducted in the Arab world, leading to lower acceptance rates.</p> <p>Lack of Institutional Support: Many institutions lack the infrastructure and resources to support researchers effectively.</p>
Improving Visibility and Credibility through Collaboration	<p>Resource Sharing: Collaborative initiatives can facilitate the sharing of funding, research facilities, and databases.</p> <p>Joint Research Projects: Partnerships between institutions can lead to more impactful research outcomes and greater visibility.</p> <p>Capacity Building: Collaborative training programs can enhance researchers' skills in publishing and navigating international journals.</p> <p>Networking Opportunities: Collaborative efforts can create opportunities for networking, fostering relationships that enhance credibility.</p>
Role of Research Networks	<p>Facilitating Access: These platforms can provide greater visibility for Arab research by indexing and promoting published works.</p> <p>Establishing Standards: Inclusion in these networks sets benchmarks for quality, which can encourage researchers to enhance their work.</p> <p>Hindering Access: High entry standards and potential biases in evaluation criteria may limit access for Arab researchers, making it difficult for them to publish.</p> <p>Impact on Collaboration: These platforms can either promote collaboration by connecting researchers globally or create silos that hinder local collaboration.</p>
By addressing these factors, we aim to strengthen the presence of Arab scholars, reduce cultural dependency, and enhance the global standing of Arabic research.	

Developed by the Author, 2024.

The framework utilizes the lenses of Innovation, Localization, and Globalization to

provide a nuanced understanding of the challenges and opportunities within the Arab

scientific publishing ecosystem. By examining how these factors interact, we can identify strategies for enhancing the visibility and impact of Arabic research on the global stage.

Methodology

This study employs a rigorous qualitative methodology centered on secondary data analysis, drawing on existing literature, academic journals, and reports related to scientific publishing in the Arab world. The key methodological steps include a thorough literature review that examines academic publications, policy papers, and case studies to address the challenges of scientific research and publishing within the Arab context. The strength of this approach lies in its systematic search for data that supports the study's claims, emphasizing the existence of a prevailing trend, as highlighted by Cheong *et al.* (2023).

Data collection will focus on gathering quantitative information regarding publication rates, journal impact factors, and funding availability from reputable databases such as Scopus, which provides accessible and reliable data. This secondary data analysis is critical for uncovering evidence and insights from a broad spectrum of sources, including academic articles, reports, and media. By synthesizing existing knowledge, this approach allows researchers to identify trends, patterns, and gaps, offering a comprehensive understanding of the topic at hand.

For the procedures, the author searched for references using Google to identify articles relevant to the study's objectives and research questions. A strategy was developed to locate the material, after which the data was synthesized and organized into appropriate sections. A total of 53 references were used.

Engaging with secondary data strengthens the study's arguments by building upon previously published findings, providing a solid foundation for drawing conclusions. This

methodology not only enhances the credibility of the research but also enriches the interpretation of results by offering a broader contextual perspective. Moreover, secondary data presents diverse viewpoints and findings that may not be accessible through primary research alone, which is particularly valuable in fields with limited resources or when specific phenomena require a more expansive view. In summary, utilizing secondary data is an invaluable strategy for enhancing research quality, fostering informed academic discussions, and contributing to a deeper understanding of the complex issues surrounding scientific publishing in the Arab world.

Findings

This section presents the findings that address the questions within the framework of the study. These results provide valuable insights and contribute to a deeper understanding of the research topic. By examining these findings, we can better assess their implications and relevance to the overarching goals of the study.

Main Challenges in Publishing Internationally

Publishing research internationally presents several significant challenges for Arab scholars. One of the foremost obstacles is language proficiency; limited command of English and other dominant languages can impede researchers' ability to articulate their findings effectively, making it difficult to reach broader audiences (Awashreh, 2025). This language barrier not only affects the writing process but also diminishes researchers' confidence when submitting manuscripts to international journals. Additionally, insufficient access to research funding, databases, and academic journals poses a substantial hindrance. Many researchers struggle to secure the necessary financial

resources to conduct their studies, which limits the scope and depth of their work. The lack of access to essential literature and research tools can further restrict opportunities for publication (Elgamri *et al.*, 2024; Ali, 2021).

Recognition issues and bias against research originating from the Arab world also present significant challenges. Such biases can manifest in lower acceptance rates for articles submitted by Arab researchers, undermining their efforts to contribute to the global discourse (Awashreh & Mohamed, 2024). Furthermore, many academic institutions in the region lack the infrastructure and resources needed to effectively support their researchers. Without robust institutional backing, scholars may find themselves without mentorship, funding, or administrative assistance, complicating the publishing process further (Masri, 2024). Time constraints also hinder many researchers, as they must balance academic responsibilities with family and social commitments, making it difficult to focus on publishing.

Addressing these challenges is crucial for enhancing the visibility and credibility of Arabic research on the global stage. By providing the necessary support and resources, the academic community can help scholars navigate the complexities of the publication process while managing their personal and professional obligations, ultimately fostering a more inclusive environment for research and scholarship (Elgamri *et al.*, 2024).

Improving Visibility and Credibility through Collaboration

Collaboration between academic institutions and research centers plays a crucial role in enhancing the visibility and credibility of Arab research. One of the key benefits of such partnerships is resource sharing (Alsaadi & Awashreh, 2025). By pooling funding and research facilities, scholars gain access to a

broader scientific and cultural community, facilitating the exchange of knowledge and ideas. Additionally, collaborative efforts allow researchers to combine their expertise, resulting in more comprehensive studies that address complex regional challenges. This collective approach not only amplifies the impact of individual projects but also increases the likelihood of publication in prestigious international journals (QS, 2024b).

Moreover, collaborative initiatives strengthen capacity building and create valuable networking opportunities for researchers. Joint research projects enable academics to work alongside peers from diverse backgrounds, helping them navigate the complexities of international publishing more effectively (Malhotra, Rocque, & Raj, 2024). Training programs focused on best practices in academic writing, presentation, and research dissemination further empower scholars to showcase their work successfully. Additionally, such collaborations facilitate networking, allowing researchers to establish meaningful connections with international scholars and institutions (Tan, 2016). These relationships can lead to expanded research opportunities, mentorship, and joint publications, all of which enhance the credibility of Arab research within the global academic community.

By fostering a culture of collaboration, the Arab world can significantly strengthen its research profile and promote a more inclusive dialogue on critical issues that impact both local and global contexts (University Partners, 2024).

Role of Research Networks

Research networks play a pivotal role in shaping the academic publishing landscape for Arab researchers. One of their primary functions is to facilitate access to a wider audience of scholars, students, and other stakeholders. Open networks enable

researchers to engage with an international academic community, fostering the exchange of ideas and mitigating the dominance of any single perspective (UNESCO, 2020). However, these networks also present challenges. High admission standards and potential biases in evaluation criteria can limit access for many Arab researchers, making it difficult for them to publish in reputable journals. This creates a paradox: while these platforms enhance visibility, they may inadvertently exclude valuable research from the Arab region (Elgamri *et al.*, 2024).

Moreover, the structure of these networks can either foster global collaboration by connecting researchers across borders or create silos that hinder local partnerships. If Arab researchers feel marginalized or face barriers to accessing these platforms, regional collaboration may suffer, restricting knowledge exchange within the local academic community (Hojeij, 2024). Therefore, while research networks offer significant potential for elevating Arabic research on the global stage, addressing these challenges is crucial. Ensuring equitable access and fostering a collaborative research environment will maximize their impact on the region's academic landscape (Saaida, 2021).

The effectiveness of such frameworks depends on strong cooperation between universities in Arab countries and their governments. However, a significant challenge lies in the lack of consensus among Arabic organizations and governments regarding research collaboration. Many entities have divergent relationships with Western countries, viewing them as both strategic allies and competitors, while simultaneously engaging in internal disputes and geopolitical tensions (Awashreh, Al-Naqbi, & Gharib, 2024). This fragmentation undermines the potential for unified efforts to strengthen cooperation and develop a cohesive strategy for advancing

research and academic collaboration in the region (Sawahel, 2024).

To address these challenges, it is essential to implement strategic initiatives that align research priorities across Arab institutions, enhance funding mechanisms, and promote regional partnerships. Strengthening institutional support, advocating for the inclusion of Arabic research in global networks, and fostering interdisciplinary collaboration will be key to advancing the region's academic and research landscape.

Western Research Portal- Scopus

According to Scopus, the platform has achieved a significant milestone of over 90 million publication records in just 19 years, collaborating with 7,000 publishers from 105 countries. They assert that all these publications meet rigorous quality standards (Scopus, 2023). Among the countries prominently featured on their list are the USA, China, the UK, Germany, Japan, India, France, Italy, Canada, and Australia. Notably, Saudi Arabia and Egypt rank 36th and 37th, respectively. Regionally in Africa, five countries stand out: South Africa, Egypt, Nigeria, Tunisia, and Morocco. In the Arab world, the list includes Saudi Arabia, Egypt, Tunisia, Iraq, and the United Arab Emirates, while the broader Middle East context highlights Turkey, Iran, Israel, Saudi Arabia, and Egypt (Scimago, 2023).

According to Scimago Journal and Country Rank data from 1996 to 2023, there are currently 34 Arabic-language journals indexed in Scopus, both active and inactive, as of December 2023 (Benziane, 2024). This number represents only a small fraction of the over 30,000 journals indexed in Scopus globally, with very few of these journals affiliated with Arab universities. The financial implications of publishing in these journals are significant; estimating the average publication fee

multiplied by the number of articles published annually results in billions of dollars, with a substantial portion of this revenue flowing to Western-based journals. This trend underscores a broader narrative of globalization shaped by capitalism (Scimago, 2023). Most universities in Arab countries demonstrate a strong preference for Scopus and Web of Science journals, reflecting the priorities set by government leadership and academic institutions that actively promote these standards for faculty members. This emphasis on international rankings—local, regional, and global—creates a cycle in which funding and prestige increasingly align with Western academic standards, diverting substantial financial resources away from local institutions to those in Western countries (Hanafi, Arvanitis & Hanafi, 2013).

The limited presence of Arabic journals raises an important question: why are there so few Arabic-language journals represented in major indexing platforms? As noted, the currently only 34 journals stand in stark contrast to the vast number of journals available worldwide. If the quality of research produced by Arab institutions, including universities, is not the primary issue, then what factors contribute to this underrepresentation? This question invites further investigation into the systemic barriers and challenges that Arab researchers face in establishing and promoting their own journals, as well as the broader implications for the academic landscape in the region (Orfali, 2022).

Improve the visibility and credibility of Arabic research

To enhance collaboration between academic institutions and research centers (Awashreh, 2025), it is essential to improve the visibility and credibility of Arabic research. Leading universities should take the initiative, working in partnership with the Ministry of Higher

Education (OECD, 2021). Relying solely on Western platforms does not adequately promote Arabic research; thus, there is an urgent need for an independent platform that provides free access to researchers, industry professionals, and students worldwide. This platform should support three primary languages that reflect the linguistic diversity of Arab countries: Arabic, English, and French (Alsmarai, Al-Amawi & Yousef, 2015). It is important to recognize that gaining acknowledgment in the global academic community does not require exclusive publication in Western journals or engagement with Western platforms. For example, graduates from universities in Iraq and Syria were well-regarded before 2000, during the previous regimes, and their educational credentials were even recognized by the Israeli government without requiring additional examinations for fields such as law and health.

This illustrates that academic quality and recognition can be achieved outside of Western-centric frameworks. Establishing an independent platform will not only elevate Arabic research but also foster collaboration and innovation across various regions and cultures.

Discussion

Research plays a vital role in academic advancement and societal progress, with its quality influencing the effectiveness of funding in the global academic community (Masri, 2024). Established networks like Scopus and Web of Science are key in disseminating research and fostering scholarly connections (Elgamri *et al.*, 2024). Moreover, balancing globalization's promotion of knowledge sharing with localization's relevance to specific cultures enhances innovation and benefits communities (International Labour Organization, 2014).

In higher education, research drives knowledge advancement and addresses societal challenges, fostering collaboration between universities and informing policy (Alraba'y, 2024). However, in the Arab world, competition among universities pressures faculty to publish in prestigious journals, often compromising research quality and ignoring local knowledge (Echono, 2023). Therefore, a shift toward valuing research quality over quantity is needed (Dwivedi *et al.*, 2023).

Furthermore, cultural, institutional, and financial barriers hinder Arab researchers from publishing globally (Baxter, Burton, & Fancourt, 2022). Improving research environments and collaboration can enhance the global presence of Arabic scientific research. However, globalization's commercial interests, particularly in scientific conferences, risk overshadowing genuine contributions (Awashreh & Al Ghunaimi, 2024).

The financial impact of publishing is significant, with fees for Scopus-indexed journals contributing billions in revenue for Western publishers (Lauer, 2024). As a result, Arab universities often prioritize Scopus and Web of Science to improve rankings, which, while promoting international visibility, frequently redirect financial resources to Western countries. However, rankings provide limited tangible benefits for Arab institutions, and the primary beneficiaries of publications are often Western journals (Al Gharaibeh & Islam, 2024; Salager-Meyer, 2008).

Additionally, Arab journals face challenges in getting indexed in Scopus due to financial and administrative constraints, despite maintaining rigorous academic standards (Pandey, Margam, & Singh, 2023; Ashraf, 2022). Ultimately, prioritizing Western journals and rankings does not foster the growth of local academic communities. Therefore, a more equitable academic landscape that values local

research initiatives is essential for creating a robust and dynamic scholarly ecosystem.

Conclusion

To address the challenges Arab scholars face in publishing their research, fostering collaboration between academic institutions and research centers is essential. This can be achieved by creating independent platforms that prioritize Arabic research and offer free global access, supporting multiple languages (Arabic, English, French). In addition, universities should work to index their journals in reputable databases like Scopus, prioritizing quality over quantity in research output. Furthermore, reassessing academic evaluation criteria is important to shift the focus from international rankings to research that is contextually relevant, thereby supporting regional scholars. Encouraging joint research projects, workshops, and conferences can also enhance the visibility of Arab research. Moreover, Arab nations should empower their ministries of higher education to set independent publishing standards, launch free online journals, and create open-access portals for researchers.

When local research struggles for visibility, it limits solutions to social issues. Consequently, a thriving research ecosystem in Arab societies can lead to advancements in healthcare, education, and technology, benefiting communities. Additionally, promoting local scholarship boosts public trust in academic institutions, fostering civic engagement and an informed citizenry. Governments, therefore, should fund independent research platforms, incentivize local journal indexing in prestigious databases, and prioritize contextually relevant research. This approach can reduce financial pressures and strengthen academic infrastructure.

Moreover, universities should build infrastructure for high-quality research, foster

interdisciplinary collaboration, and support local scholarship by promoting reputable local journals. Ensuring researchers can publish without fees will increase the accessibility and visibility of Arabic research, promoting equity in academic publishing and strengthening the academic community. As a result, this shift has significant implications for universities and ministries of higher education, advancing the global recognition of Arabic research.

Disclosure Statement

- **Ethical approval and consent to participate:** Not applicable
- **Availability of data and materials:** Not applicable.
- **Author contribution:** This is a sole-authored publication; the author wrote the article in its entirety.
- **Conflict of interest:** The author declares that there is no conflict of interest associated with this article.
- **Funding:** Not applicable.
- **Acknowledgments:** Not applicable

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