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Governance of Academic Publishing in the Digital Age: Perceptions and Challenges within the Scientific Community of the Republic of Moldova

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Abstract

This study explores the evolving landscape of academic publishing in the digital era, with a particular focus on the challenges faced by the scientific community in the Republic of Moldova. Through a comprehensive survey of 539 individuals, the paper investigates perceptions regarding predatory publishing, institutional support, national policies, and the structural barriers to equitable access to legitimate publishing platforms. The findings reveal a high level of concern about the prevalence and impact of predatory practices, a lack of coherent institutional and legislative support, and significant financial and informational barriers to international dissemination. The paper calls for systemic reforms, including policy development, funding mechanisms, and targeted training programs to promote ethical, inclusive, and transparent editorial governance in Moldova's academic environment.

Keywords

academic publishing, predatory journals, research integrity, open access, institutional support, Republic of Moldova

CCS Concepts

• **General and reference** → Document types; Surveys and overviews; • **Social and professional topics** → Computing / technology policy; Government technology policy; • **Information systems** → Information systems applications; Digital libraries and archives.



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References

- [1] Avital Michel. 2024. Digital Transformation of Academic Publishing: A Call for the Decentralization and Democratization of Academic Journals,” *Journal of the Association for Information Systems*, 25, 1, 172–181. <https://doi.org/10.17705/1jais.00873>
- [2] Brian Paltridge. 2020. Writing for academic journals in the digital era. *RELC Journal* 51, 1, 147–157. <https://doi.org/10.1177/0033688219890359>
- [3] Pil Maria Saugmann. 2024. The precariousness of academic publishing in a digital world. *European Review* 32, S1, S75–S91. <https://doi.org/10.1017/S1062798723000613>
- [4] Vincent Larivière, Stefanie Haustein, and Philippe Mongeon. 2015. The oligopoly of academic publishers in the digital era. *PLOS ONE* 10, 6, e0127502. <https://doi.org/10.1371/journal.pone.0127502>
- [5] Elena Stavrova. 2022. Academic publishing: Research leadership in the context of digitalization and globalization of the business environment. *Business Ethics and Leadership* 6, 4, 92–99. [https://doi.org/10.21272/bel.6\(4\).92-99.2022](https://doi.org/10.21272/bel.6(4).92-99.2022)
- [6] Teresa Swist and Liam Magee. 2018. Academic publishing and its digital binds: Beyond the paywall towards ethical executions of code. *Culture Unbound* 9, 3, 240–259. <https://doi.org/10.3384/CU.2000.1525.1793240>
- [7] Liying Xia. 2024. Research on scholarly publishing based on artificial intelligence environments. *International Journal of Computer Science and Information Technology* 2, 3, 239–247. <https://doi.org/10.62051/ijcsit.v2n3.27>
- [8] William Dupps. 2023. Artificial intelligence and academic publishing. *Journal of Cataract and Refractive Surgery* 49, 7, 655–656. <https://doi.org/10.1097/j.jcrs.0000000000001223>
- [9] Farid Rahimi and Amin Talebi Bezmin Abadi. 2023. ChatGPT and publication ethics. *Archives of Medical Research* 54, 3, 272–274. <https://doi.org/10.1016/j.arcmed.2023.03.004>
- [10] Aileen Fyfe, Kelly Coate, Stephen Curry, Stuart Lawson, Noah Moxham, and Camilla Mørk Røstvik. 2017. Untangling academic publishing: A history of the relationship between commercial interests, academic prestige and the circulation of research. *Zenodo* (May 25, 2017). <https://doi.org/10.5281/ZENODO.546100>
- [11] Jingfeng Xia, Jennifer L. Harmon, Kevin G. Connolly, Ryan M. Donnelly, Mary R. Anderson, and Heather A. Howard. 2015. Who publishes in “predatory” journals? *Journal of the Association for Information Science and Technology*, 66, 7, 1406–1417. <http://doi.org/10.1002/asi.23265>
- [12] Igor Cojocaru, Gheorghe Cuciureanu, and Irina Cojocaru. 2022. Researchers’ quest for productivity and visibility: The growing problem of predatory publishing in the Republic of Moldova. In *Proceedings of the Central and Eastern European eDem and eGov Days (CEE eDem and eGov ’22)*. ACM, New York, NY, USA, 123–129. <https://doi.org/10.1145/3551504.3551510>
- [13] Horatiu Dragomirescu and Ion Tighineanu. 2012. Risks affecting the development of the information society in the Republic of Moldova: Insights from a Delphi survey. In *Proceedings of the Fifth Balkan Conference in Informatics (BCI ’12)*. ACM, New York, NY, USA, 82–87. <https://doi.org/10.1145/2371316.2371333>
- [14] Gheorghe Cuciureanu and Valeria Vrabie. 2022. The results of an experiment: Predatory publications represent a threat to the academic community in the Republic of Moldova [in Romanian]. *Etică și Deontologie* 2, 1, 18–28. <https://doi.org/10.52744/RED.2022.01.03>
- [15] Martin Grančay, Jolita Vveinhardt, and ěrika Šumilo. 2017. Publish or perish: how Central and Eastern European economists have dealt with the ever-increasing academic publishing requirements 2000–2015. *Scientometrics* 111, 3, 1813–1837. <https://doi.org/10.1007/s11192-017-2332-z>
- [16] Gheorghe Cuciureanu. 2024. What is predatory publishing and what impact it has. *Journal of Social Sciences* 7, 4, 133–143. [https://doi.org/10.52326/jss.utm.2024.7\(4\).10](https://doi.org/10.52326/jss.utm.2024.7(4).10)
- [17] Maarja Beerkens. 2018. Knowledge commons and global governance of academic publishing. In *The Commons and a New Global Governance*, Sam Cogolati and Jan Wouters (Eds.). Edward Elgar Publishing, Cheltenham, UK, 186–210. <https://doi.org/10.4337/9781788118514.00018>
- [18] Lars Engwall. 2024. Academic publishing in modern society. *European Review* 32, S1, S7–S27. <https://doi.org/10.1017/S1062798724000061>
- [19] Susan Garfinkel *et al.* 2023. Enhancing Partnerships of Institutions and Journals to Address Concerns about Research Misconduct: Recommendations from a working group of institutional research integrity officers and journal editors and publishers. *JAMA Network Open* 6, 6, e2320796. <https://doi.org/10.1001/jamanetworkopen.2023.20796>
- [20] Molly Kearney, Maren Downing, and Elizabeth A. Gignac. 2024. Research integrity and academic medicine: The pressure to publish and research misconduct. *Journal of Osteopathic Medicine* 124, 5, 187–194. <https://doi.org/10.1515/jom-2023-0211>
- [21] Neeraj Lalwani. 2025. Plagiarism in publications: All about being fair! *Indian Journal of Radiology and Imaging* 35, S01, S36–S45. <https://doi.org/10.1055/s-0044-1791745>
- [22] Cristina Candal-Pedreira, Julia Rey-Brandariz, Leonor Varela-Lema, Mónica Pérez-Ríos, and Alberto Ruano-Ravina. 2023. Challenges in peer review: How to guarantee the quality and transparency of the editorial process in scientific journals. *Anales de Pediatría* 99, 1, 54–59. <https://doi.org/10.1016/j.anpede.2023.05.006>
- [23] Banu Ozkazanc-Pan. 2024. A reflection on governance, ethics and intellectual boundary enforcement in academic journals. *Equality, Diversity and Inclusion (ahead-of-print)*. <https://doi.org/10.1108/EDI-09-2024-0421>
- [24] Liz Shchepetylnykova and Anatoly V. Oleksiyenko. 2024. What comes after post-Soviet? Towards a new concept of de-Sovietization in higher education and research. *International Journal of Educational Development*, Volume 106, 103014. <https://doi.org/10.1016/j.ijedudev.2024.103014>
- [25] International Science Council. 2023. The case for reform of scientific publishing. *International Science Council*, Paris, France. Retrieved from <https://doi.org/10.24948/2023.14>
- [26] International Science Council. 2023. Key principles for scientific publishing. *International Science Council*, Paris, France. <https://doi.org/10.24948/2023.13>
- [27] Andrea Chiarelli *et al.* 2024. Towards responsible publishing: Findings from a global stakeholder consultation. *Zenodo* (July 3, 2024). <https://doi.org/10.5281/zenodo.11243942>
- [28] Alessandro Martinino, Gabriele Campagnoli, Sofia Dallavalle, Allison Soto, Sjaak Pouwels, and Frank Smeenk. 2024. Investigating country-specific perceptions of predatory journals and their impact on scholarly integrity: A systematic review. *Cureus* 16, 7, e64674. <https://doi.org/10.7759/cureus.64674>
- [29] International Science Council. 2021. Opening the record of science: Making scholarly publishing work for science in the digital era. *International Science Council*, Paris, France. <https://doi.org/10.24948/2021.01>
- [30] Hyun Jung Yi, Youngim Jung, Hyekyong Hwang, and Sung-Nam Cho. 2023. Korean scholarly journal editors’ and publishers’ attitudes towards journal data sharing policies and data papers. *Science Editing* 10, 2, 141–148. <https://doi.org/10.6087/kcse.316>
- [31] Mohammad Hosseini and Bert Gordijn. 2020. A review of the literature on ethical issues related to scientific authorship. *Accountability in Research* 27, 5, 284–324. <https://doi.org/10.1080/08989621.2020.1750957>
- [32] Gert Helgesson, Igor Radun, Jenni Radun, and Gustav Nilsson. 2022. Editors publishing in their own journals: A systematic review of prevalence and a discussion of normative aspects. *Learned Publishing* 35, 2, 229–240. <https://doi.org/10.1002/leap.1449>
- [33] Lan Thi Nguyen and Kulthida Tuamsuk. 2025. Scientific integrity of researchers in scholarly publishing. *Journal of Academic Ethics* (April 29, 2025). <https://doi.org/10.1007/s10805-025-09638-8>
- [34] Gengyan Tang. 2025. Mapping nine decades of research integrity studies (1935–2024): A scientometric analysis. *Accountability in Research* (February 19, 2025), 1–36. <https://doi.org/10.1080/08989621.2025.2470860>
- [35] Tracey Bretag (Ed.). 2016. *Handbook of Academic Integrity*. Springer, Singapore. <https://doi.org/10.1007/978-981-287-098-8>
- [36] Jiban Shrestha. 2020. Authors beware! Publishing in predatory journals is harmful. *Journal of Agriculture and Natural Resources* 3, 2, 1–8. <https://doi.org/10.3126/janr.v3i2.32293>
- [37] InterAcademy Partnership. 2022. *Combating Predatory Academic Journals and Conferences: Report*. IAP, Trieste, Italy. Retrieved from <https://www.interacademies.org/publication/predatory-practices-report-English>
- [38] Susan A. Elmore and Eleanor H. Weston. 2020. Predatory journals: What they are and how to avoid them. *Toxicologic Pathology* 48, 6, 607–610. <https://doi.org/10.1177/0192623320920209>
- [39] Aamir Raof Memon. 2018. Predatory journals spamming for publications: What should researchers do? *Science and Engineering Ethics* 24, 5, 1617–1639. <https://doi.org/10.1007/s11948-017-9955-6>
- [40] Elke Maurer *et al.* 2021. Awareness of predatory journals and open access publishing among orthopaedic and trauma surgeons: Results from an online survey in Germany. *BMC Musculoskeletal Disorders* 22, Article 365. <https://doi.org/10.1186/s12891-021-04223-7>

- [41] Raphael M. Jingura, Josiline Chigwada, Timothy Diver, and Dzingayi Shangwa. 2023. Extent of publishing in predatory journals by academics in higher education institutions in Zimbabwe: A case study of a university. *Accountability in Research* 32, 2, 143–157. <https://doi.org/10.1080/08989621.2023.2256672>
- [42] Kelly D. Cobey, Agnes Grudniewicz, Manoj M Lalu *et al.* 2019. Knowledge and motivations of researchers publishing in presumed predatory journals: A survey. *BMJ Open*, 9, 3, e026516. <https://doi.org/10.1136/bmjopen-2018-026516>
- [43] Armen Yuri Gasparyan, Marlen Yessirkepov, Alexander A. Voronov *et al.* 2016. Statement on publication ethics for editors and publishers. *Journal of Korean Medical Science* 31, 9, 1351–1353. <https://doi.org/10.3346/jkms.2016.31.9.1351>
- [44] Fiona A. E. McQuarrie, Alex Z. Kondra, and Kai Lamertz. 2020. Do tenure and promotion policies discourage publications in predatory journals? *Journal of Scholarly Publishing* 51, 3, 165–181. <https://doi.org/10.3138/jsp.51.3.01>
- [45] Leighton Chipperfield *et al.* 2010. Authors' submission toolkit: A practical guide to getting your research published. *Current Medical Research and Opinion* 26, 8, 1967–1982. <https://doi.org/10.1185/03007995.2010.499344>
- [46] Shakil Ahmad, Inaam Ul Qureshi, Muhammad Ramzan, and Shafiq Ur Rehman. 2022. Research elite of Pakistan: Profile and determinants of productivity and impact. *Publishing Research Quarterly*, 38, 2, 263–280. <https://doi.org/10.1007/s12109-022-09874-5>
- [47] Rodica Cujba and Nelly Turcan. 2024. The influence of global trends in scientific publishing on national regulations in the Republic of Moldova and on dissemination of academic findings. *Journal of Electrical Systems*, 20, 11s, 2272–2286. Retrieved from <https://www.journal.esrgroups.org/jes/article/view/7748>
- [48] Vitalie Minciună and Nelly Turcan. 2025. Journal editors' views on scientific publishing in the Republic of Moldova: Results of a national survey. *Romanian Journal of Library and Information Science*, 21, 1, 22–40. Retrieved from <https://www.rlbsi.ro/index.php/rlbsi/article/view/157>
- [49] Nelly Turcan. 2025. The impact of scientific publication policies on the international visibility of research from the Republic of Moldova: a case study of indexing in international databases [in Romanian]. *Intellectus*, 1, 37–55. <https://doi.org/10.56329/1810-7087.25.1.04>
- [50] Nelly Turcan and Gheorghe Cuciureanu. 2024. Publications of researchers from the Republic of Moldova in MDPI journals: A bibliometric analysis and associated controversies [in Romanian]. *Akados*, 4, 75, 18–30. <https://doi.org/10.52673/18570461.24.4-75.01>
- [51] National Bureau of Statistics of the Republic of Moldova. 2024. Statistical Yearbook of the Republic of Moldova = Anuarul statistic al Republicii Moldova. Chisinau: BNS. Retrieved from https://statistica.gov.md/files/files/publicatii_electronice/Anuar_Statistic/2024/Anuarul%20statistic_2024.pdf
- [52] Kristine M. L'Ecuyer, Divya S. Subramaniam, Clarissa Swope, and Helen W. Lach. 2023. An integrative review of response rates in nursing research utilizing online surveys. *Nursing Research* 72, 6, 471–480. <https://doi.org/10.1097/nnr.0000000000000690>
- [53] Meng-Jia Wu, Kelly Zhao, and Francisca Fils-Aime. 2022. Response rates of online surveys in published research: A meta-analysis. *Computers in Human Behavior Reports*, 7, Article 100206. <https://doi.org/10.1016/j.chbr.2022.100206>
- [54] Hamed Taherdoost and Mitra Madanchian. 2025. The impact of survey response rates on research validity and reliability. In *Design and Validation of Research Tools and Methodologies*, A. Rahal and M. Adorján (Eds.). IGI Global Scientific Publishing, Hershey, 17–206. <https://doi.org/10.4018/979-8-3693-1135-6.ch009>
- [55] Katja L. Manfreda, Michael Bosnjak, Jernej Berzelak, Iris Haas, and Vasja Vehovar. 2008. Web surveys versus other survey modes: A meta-analysis comparing response rates. *International Journal of Market Research*, 50, 1, 79–104. <https://doi.org/10.1177/147078530805000107>
- [56] Mingnan Liu and Laura Wronski. 2018. Examining completion rates in web surveys via over 25,000 real-world surveys. *Social Science Computer Review* 36, 1, 116–124. <https://doi.org/10.1177/0894439317695581>
- [57] Cristalle Soman. 2024. Impact of predatory publishing and strategies for publication in a good journal. *Annals of ASH & KMDC* 29, 2, 187–197. <https://doi.org/10.58397/ashkmdc.v29i2.755>
- [58] Georg Richtig *et al.* 2019. Awareness of predatory journals and open access among medical oncologists: Results of an online survey. *ESMO Open* 4, 6, e000580. <https://doi.org/10.1136/esmoopen-2019-000580>
- [59] Ivana Hebrang Grgić and Mihaela Guskić. 2019. Croatian scientists' awareness of predatory journals. *International Journal for Educational Integrity* 15, Article 3. <https://doi.org/10.1007/s40979-019-0041-5>
- [60] Thivya Janen. 2024. Awareness and attitudes towards open access predatory publications among the academic staff members of Faculty of Management Studies and Commerce, University of Jaffna, Sri Lanka. *Journal of the University Librarians Association of Sri Lanka* 27, 2, 145–168. <https://doi.org/10.4038/jula.v27i2.8086>
- [61] Tracey Elliott *et al.* 2022. Perceptions on the prevalence and impact of predatory academic journals and conferences: A global survey of researchers. *Learned Publishing* 35, 4, 516–528. <https://doi.org/10.1002/leap.1458>
- [62] Krystal E. Noga-Styron, J. Michael Olivero, and Sarah Britto. 2016. Predatory journals in the criminal justice sciences: Getting our cite on the target. *Journal of Criminal Justice Education* 28, 2, 174–191. <https://doi.org/10.1080/10511253.2016.1195421>