

# Open access publications and the preprint phenomenon

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This research explores the adoption of open access preprints among Polish researchers, specifically those affiliated with Jagiellonian University. Employing web mining techniques, preprints published on osf.io, arXiv, and ResearchGate were systematically analyzed. The primary objective was to assess the extent to which Polish scholars embrace preprints over traditional postprints in open-access platforms. The methodology involved collecting and categorizing preprints from the specified sources, focusing on the contributions of Jagiellonian University researchers. The dataset was then subjected to quantitative analysis, revealing trends and preferences in the dissemination of research findings. By examining the prevalence of preprints within the context of open access, the study aimed to gauge the willingness of Polish researchers to adopt this early sharing approach. The research concludes that incentivizing the publication of preprints, particularly by incorporating them into the Ministry of Education ranking lists, could be a transformative strategy for accelerating the pace of Polish scientific publishing. Recognizing preprints in official assessments would not only encourage researchers to share their discoveries promptly but also contribute to a more efficient and dynamic scientific communication process. The proposed model advocates for a two-stage publication approach, wherein preprints serve as initial contributions, swiftly followed by postprints to provide a comprehensive and validated account of the research. In summary, this study sheds light on the evolving landscape of scientific communication in Poland, advocating for the incorporation of preprints into official evaluation frameworks as a catalyst for fostering a more robust and responsive scientific community. The adoption of such practices could significantly contribute to the acceleration of scientific discovery dissemination and enhance the overall quality of scholarly

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