

Book Review

Book Review of *Research and Publication Ethics*, written by Santosh Kumar Yadav, Switzerland: Springer Cham, 2023, 255 pp, ISBN 9783031269714, Ebook: \$93.08 USD

Vernando Yanry Lameky^{1,*} and Heru Santoso Wahito Nugroho²

¹Jurusan Keperawatan, Universitas Kristen Indonesia, Maluku, Indonesia

²Jurusan Kebidanan, Politeknik Kesehatan Kemenkes Surabaya, Indonesia

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***Correspondence:**

Vernando Yanry Lameky

Address: Jurusan Keperawatan, Universitas Kristen, Maluku 97129, Indonesia.

Email: deanvanesa23@gmail.com

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ABSTRACT

Research and Publication Ethics includes principles that guide researchers in conducting and disseminating research ethically. Emphasize integrity, honesty, openness, and respect for subjects' rights, preventing conflicts of interest. Adhering to these principles is critical to maintaining trust and credibility in research. Addressing violations such as plagiarism ensures reliability and credibility. Technology helps detect plagiarism, while open research practices encourage transparency and validation. Upholding a code of ethics and participating in ethical forums further strengthens ethical behaviour. Understanding digital data ethics is very important. This book review reflects the importance of ethical practices in research and publication integrity.

Keywords: Research ethics; publication integrity; ethical principles; academic honesty; academic integrity

Research and publication ethics refer to a set of principles and norms that regulate the behavior of researchers in conducting research and disseminating their research results to the scientific community.^{1,2} This includes aspects such as research integrity, honesty, openness, respect for the rights of research subjects, and avoidance of conflicts of interest.^{3,4} Implementing these principles is important for maintaining integrity and trust in research practices and scientific publications. Violations of research and publication ethics can have serious consequences, including retraction of publications, reputational damage, and restrictions on participation in the scientific community. Therefore, researchers need to understand and adhere to these principles at every stage of their research process.⁵ This is what Yadav (2023) explores in his book *Research and Publication Ethics*.

This book is intended for researchers, academics, and students creating, disseminating, and accessing academic materials. This book guides research and publication ethics, as well as on open-access publishing and digital information management. The focus is on helping readers identify and utilize critical information for academic progress. This book discusses key concepts essential to the reader's professional and personal practice: (1) It explains open-access publishing highlighting how various stakeholders, including institutions and publishers, are adapting to

this model and the financial impact and importance of maintaining quality in publishing. (2) The book explores advances in digital library systems that provide easier access to academic materials, increasing readers' effectiveness in their research and educational activities. (3) It also discusses ethical considerations in publishing, including the problems of predatory publishers and excessive publication, emphasizing the importance of integrity and transparency. The book also explores how technology expands access and distribution of information, supporting technological solutions in disseminating academic content. (4) It highlights the consequences of misinformation and the importance of an active role in combating misinformation, which is essential for advancing knowledge and ethical practice. This book presents a range of evidence to support the claims made, exploring essential aspects of academic research and publishing: (1) It explains the importance of theoretical and conceptual frameworks, showing that appropriate references can increase credibility and strengthen arguments, underscoring the importance of academic integrity. (2) The book outlines various statistical tools and methods such as t-tests, F-tests, and chi-square tests to validate hypotheses, provide a solid foundation for research claims, and increase confidence in the findings. In an ethical context, this book emphasizes the obligation of researchers to publish results openly, highlighting the importance of access and ethical practices in publishing. Also, it discusses the importance of accurate references to avoid plagiarism and the importance of being careful in citations to maintain academic integrity. (3) The book highlights the problem of false research data and its implications, encouraging ethical research practices and rigorous peer review to avoid spreading inaccurate information. This book is designed with an appropriate style, structure, and length (12 chapters) with clear, concise explanations and accompanied by examples or case study results that strengthen ideas or points of view to provide comprehensive guidance on research and publication ethics, reference style and the importance of avoiding plagiarism. There is no indication of significant studies, facts, or concepts the author should have addressed. Additional recommendations for readers who wish to deepen their knowledge of research and publication ethics, such as some additional reading sources, can be beneficial. On the topic of educational research ethics, the work "Ethics, Self-study Research Methodology, and Teacher Education" by Brandenburg and McDonough

offers an in-depth analysis of the ethical dilemmas frequently encountered in educational research. Meanwhile, for those interested in research ethics in the social sciences, "Research Ethics for Social Scientists: Between Ethical Behavior and Regulatory Compliance" by Israel and Hay provides a broad view of ethical and regulatory challenges in the social sciences. If interested in the technical aspects and evaluation of research impact, "Advanced Topics in Database Research" by Siau reviews recent advances in database research. Additionally, for further understanding of the altmetrics and bibliometric tools used in assessing the impact of scientific work, various resources on altmetrics and bibliometric tools can provide insight into how to measure the impact of research.

If you are considering reading "Research and Publication Ethics," this book offers a variety of strengths that make it a valuable resource. First, the book provides a comprehensive overview of research and publication ethics, from philosophical foundations to practical issues such as plagiarism and authorship. It is aimed not only at those just starting out but also experienced researchers. In addition, the book offers practical guidance on contemporary issues such as predatory publishing and intellectual property regulation, as well as an interdisciplinary approach that makes it relevant across a wide range of disciplines. The book is also very current, discussing the latest developments in ethics committees and the use of citation management tools. However, it is essential to remember that this book may not dive deeply into every topic because of its broad scope. In some rapidly developing areas, information can quickly become out of date. Also, readers should be alert to the potential for bias in the presentation and consideration of controversial issues. Overall, this book provides a handy and in-depth overview of ethics in research and publication. However, readers should remain critical and seek additional sources for the most up-to-date information.

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Conflict of Interest

The authors declare no conflict of interest.

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