

An Introduction to Publishing Research in Archive of Orofacial Data Science

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Abstract

The Archive of Orofacial Data Science is committed to advancing open access publishing and disseminating high-quality research to a global audience. We believe that open access to scientific knowledge is vital for the progress of science, innovation, and societal development. This statement outlines our principles and commitment to providing free and unrestricted access to scholarly content.

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Archive of Orofacial Data Science

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Open Access Model

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Archiving and Preservation

We are dedicated to the long-term preservation of all published content. Arch Orofac Data Sci has a strong partner, the University and State Library of the University of Münster, with its robust digital infrastructure resources to ensure long-term digital preservation. The long-term relationship increases the sustainability of article availability. The collaboration with the State Library of the University of Münster succeeds in fulfilling permanent availability of scholarly articles through a combination of technical infrastructure, organizational measures, and a strong commitment to preserving the scholarly heritage.

Peer review and editorial process

All articles submitted to Arch Orofac Data Sci undergo a rigorous peer review process to ensure the quality and integrity of the research published. Our editorial board and external reviewers evaluate each manuscript according to scientific validity, significance and ethical aspects. We operate on **open peer review** policy, where the identities of authors and reviewers are disclosed to each other, offers several ethical advantages in the peer review process:

1. **Accountability and Transparency:** Open peer review encourages accountability and transparency in the peer review process. Reviewers are more likely to provide constructive, well-reasoned feedback when their names are associated with their comments. This transparency holds authors and reviewers accountable for the quality and fairness of their contributions.
2. **Reduced Bias and Conflicts of Interest:** Knowing the identity of the reviewer can help reduce potential biases and conflicts of interest. Reviewers may be less likely to unduly favor or criticize an author if their identities are known. This can lead to a more impartial evaluation of the manuscript.
3. **Professional Recognition:** Open peer review allows reviewers to receive public recognition for their expertise and contributions to the scholarly community. Being acknowledged as a peer reviewer can be beneficial for a researcher's professional development and can contribute to their academic reputation.
4. **Improved Feedback:** Knowing the identity of the author can facilitate more effective communication between authors and reviewers. Authors can engage in constructive dialogues with reviewers to address concerns, clarify points, and improve the quality of their work.
5. **Deterrence of Unethical Behavior:** The knowledge that their reviews will be attributed to them can deter reviewers from engaging in unethical practices, such as plagiarism,

malicious comments, or personal attacks. This encourages professionalism in the peer review process.

6. **Increased Accountability for Editors:** Open peer review also holds journal editors accountable for their editorial decisions. Authors and reviewers can evaluate how editors handled the review process and whether decisions were made fairly and based on scholarly merit.
7. **Public Trust:** Open peer review can enhance public trust in the peer review process. When the review process is transparent, it can help to demonstrate the rigor and integrity of scholarly publishing, which is particularly important in fields with a strong public interest, such as health and environmental sciences.

The scientific publication process is changing, as is the review process for articles to be published. Prepublication platforms, such as the e-print archive arXiv.org, are becoming increasingly important and the articles appearing there are cited long before the first review and publication. New possibilities, such as the use of large language models for reviews, are not viewed negatively by us as long as human correction is available. We believe that the support of such systems has a positive effect on the quality of reviews. For this reason, the declaration of the use of such methods is not obligatory in the review process, as is the case with other journals. Arch Orofac Data Sci reserves the right to adapt the review process to current scientific developments.

Collaboration and Partnerships

Arch Orofac Data Sci actively collaborates with other open access initiatives, research institutions, and organizations that share our commitment to open science. We support and participate in global efforts to promote open access and open data.

Author's Rights

Authors publishing in Arch Orofac Data Sci retain the rights to their work. They are free to reuse, share, and distribute their articles without restrictions, subject to the creative commons license chosen. We encourage authors to deposit their work in institutional and subject-specific repositories.

Readers and Access

Readers around the world can access, download, and cite articles from Arch Orofac Data Sci free of charge. We believe in removing barriers to knowledge and enabling the widest possible dissemination of research results.

Feedback and Improvement

Arch Orofac Data Sci is committed to continuously improving our open access practices. We welcome feedback and suggestions from the academic and research community to enhance our open access policies.

Academic Fraud Policy

Arch Orofac Data Sci is committed to upholding the highest standards of ethical conduct and academic integrity in all aspects of publishing. We take a strong stance against academic fraud and misconduct, including plagiarism, data fabrication, and any other unethical practices. This policy outlines our approach to dealing with academic fraud and how we aim to maintain the integrity of scholarly publishing.

Definition of Academic Fraud

Academic fraud encompasses various forms of unethical behavior, including but not limited to:

1. **Plagiarism:** The unattributed use of another person's words, ideas, or work.
2. **Data Fabrication and Falsification:** The manipulation, alteration, or invention of research data and findings.
3. **Duplicate Publication:** Submitting the same work to multiple journals without proper disclosure.
4. **Authorship Misrepresentation:** Improper authorship attribution, including the inclusion or exclusion of individuals without their consent or contribution.
5. **Citation Manipulation:** Manipulating citations to increase the visibility of one's own work or that of others.
6. **Reviewer Misconduct:** Unethical behavior by peer reviewers, such as bias, conflict of interest, or divulging confidential information.

Detection and Investigation

1. **Plagiarism Detection:** Arch Orofac Data Sci employs plagiarism detection software to screen all submitted manuscripts. Suspected cases of plagiarism are thoroughly investigated.
2. **Data Verification:** Authors may be required to provide access to their raw data for verification. Suspected data manipulation or fabrication is investigated with the assistance of experts.
3. **Reviewer Oversight:** We closely monitor peer reviewer behavior to prevent conflicts of interest and maintain the confidentiality of the peer review process.

Consequences of Academic Fraud

If academic fraud is substantiated, Arch Orofac Data Sci will take the following actions:

1. **Article Retraction:** Any published articles found to contain fraudulent content will be retracted with a formal notice posted on the journal's website.
2. **Author Sanctions:** Authors responsible for academic fraud may be banned from submitting to Arch Orofac Data Sci for a specified period or indefinitely.
3. **Disclosure:** Arch Orofac Data Sci will inform the relevant institutions, funding agencies, and academic bodies about substantiated cases of academic fraud.

Appeals

Authors found in violation of this policy have the right to appeal our decision. Appeals must be made in writing to the journal's editorial office, providing substantial evidence to support their case.

Prevention and Education

Arch Orofac Data Sci actively promotes ethical research and publishing practices. We provide guidance to authors, reviewers, and editors on ethical standards and plagiarism prevention. We encourage adherence to guidelines such as the Committee on Publication Ethics (COPE) and the International Committee of Medical Journal Editors (ICMJE).

Contact Information

For inquiries or further information regarding our Academic Fraud Policy, please contact: Prof. Dr. Thomas Stamm [thomas.stamm at uni-muenster.de]

Conclusion

Arch Orofac Data Sci is committed to maintaining the highest standards of ethical conduct and academic integrity. We aim to provide a fair and unbiased platform for the dissemination of scholarly research while actively preventing and addressing academic fraud.

Acknowledgements

Not applicable.

Ethical approval

Not applicable.

Consent for publication

Not applicable.

Authors' contributions

The author(s) declare that all the criteria for authorship designated by the International Committee of Medical Journal Editors have been met. More specifically, these are: (a) Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND (b) Drafting the work or revising it critically for important intellectual content; AND (c) Final approval of the version to be published; AND (d) Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Competing interests

The author(s) declare that there are no competing interests related to this work.