

JMIR Biomedical Engineering

Engineering for health technologies, medical devices, and innovative medical treatments and procedures.

PubMed, PubMed Central, DOAJ, Sherpa/Romeo, Scopus, and EBSCO/EBSCO Essentials indexed

JMIR Biomedical Engineering focuses on applying engineering principles, technologies, and medical devices to medicine and biology. The journal publishes notable developments in the field, including computational modeling, tissue and cellular engineering, drug delivery, and nanotechnology. The journal also features research on AI applications in biomedical engineering and medical devices, highlighting innovations that are transforming healthcare and biomedical science.

JMIR Biomedical Engineering publishes research on biomechanics, biomaterials, clinical engineering, medical imaging and image processing, and computational modeling of biological processes. The journal also welcomes submissions on the development of novel medical or healthcare devices, innovations for existing devices, and crucial topics such as regulatory issues, and medical device safety and adverse events. Furthermore, it covers emerging areas like voice phenotyping and vocal biomarkers, ensuring that its content reflects leading-edge advancements in the field.



SUBMIT YOUR PAPER TODAY

Visit our website to learn more!

jmir.org/author



We choose to submit our research to JMIR Publications because of its reputation as a leading venue for innovative and interdisciplinary studies at the intersection of health, technology and digital solution.

Areej Al-Hamad,Toronto Metropolitan University



Top articles



Investigation of Deepfake Voice Detection Using Speech Pause Patterns: Algorithm Development and Validation

Kulangareth NV, Kaufman J, Oreskovic J, Fossat Y



Immersive Virtual Reality in Health Care: Systematic Review of Technology and Disease States

Snoswell AJ, Snoswell CL



Assessing the Accuracy of Smartwatch-Based Estimation of Maximum Oxygen Uptake Using the Apple Watch Series 7: Validation Study

Caserman P, Yum S, Göbel S, Reif A, Matura S

Get to Know the JMIR Biomedical Engineering Editorial Board



Editor in Chief

Javad Sarvestan

PhD

Scientific Editor, JMIR Publications

Elevate Your Impact

Are you a researcher driven to shape the future of digital health? Do you aspire to collaborate with leading minds in your field and champion the principles of open access and open science?

JMIR is actively seeking individuals like you to join the editorial board.



Apply today

Editorial Board Members

Syed Ahson Ali Shah, PhD
Abraham Samuel Finny, PhD
Scott Gohery, PhD
Cosimo Ieracitano, PhD
Md Rasedul Islam, PhD
Javeed Shaikh Mohammed, PhD
Jinal Mistry, MS
Arjama Mukherjee, PhD, M.Tech
Okuwobi Idowu Paul, PhD
Shatabdi Paul, PhD
Ibrahim Sadek, PhD
Ariel Soares Teles, PhD
Tian Xu



