

Special Issue

Finite Element Analysis in Prosthesis and Orthosis Research

Message from the Guest Editor

We are pleased to announce the launch of a Special Issue entitled "Finite Element Analysis in Prosthesis and Orthosis Research". The aim of this Special Issue is to showcase the state-of-the-art advances in this area, and to seek papers related to finite element analysis (FEA) and its application in prosthesis and orthosis research and development. Furthermore, FEA is employed in the design and optimization of a wide range of implants including dental implants, artificial organs, upper and lower limb prostheses, orthotic insoles, braces, and splints, significantly changing the prosthetic and orthotic industry, and we would like to invite submissions on these domains as well. Both original research articles and review articles are welcome under this Special Issue. We encourage multinational collaboration for this Special Issue to submit novel studies with interdisciplinary work.

Guest Editor

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Deadline for manuscript submissions

closed (13 December 2025)



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About the Journal

Message from the Editor-in-Chief

The field of rehabilitation medicine is constantly expanding, all accompanied by the presence of new biomaterials and new concepts of biomechanics. This journal aims to promote the knowledge of new biomedical engineering devices in the prosthetic field. The knowledge and study of new prosthetic devices to rehabilitate parts of the human body certainly promotes research and clinic, improving the expectations of rehabilitated patients and certainly the quality of their life. The scientific society publishing high quality works will contribute to this.

Editor-in-Chief

Prof. Dr. Marco Cicciu

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