

Special Issue

Advances in Orthopedic Diseases Treatment

Message from the Guest Editors

Primary and secondary osteoarthritis, post-traumatic and oncological sequelae, articular avascular necrosis, fractures and fixations, infections and osteomyelitis continue to represent challenging management problems for orthopaedic surgeons and traumatologists. Bone tissue loss or the poor quality of these clinical pictures have conditioned the operational choices in favour of more invasive and sometimes disabling interventions. The aim of this Special Issue is to share the personal experiences of groups and authors currently working on articular and periarticular implantology, traumatology and orthopaedic oncology, their perspectives with regard to the opportunities and limits in this field, and the results obtained and the problems that have arisen. This will be conveyed via the submission of high-impact research articles that are of interest to the orthopaedic community.

Guest Editors

Dr. Silvio Caravelli

Dr. Massimiliano Mosca

Dr. Carlo Perisano

Deadline for manuscript submissions

closed (20 July 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/184301

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)