

Special Issue

Recent Biomedical Materials

Message from the Guest Editors

The objective of this Special Issue is to provide a summary of the latest results in the development and production of modern biomedical materials used in contemporary medicine and dentistry. The scope covers general considerations concerning the protection of health and general well-being of societies as well as disease prevention demanding biomedical materials applications, as well as the design of biomedical materials and their technologies. We are interested in considerations concerning moral imperatives resulting from the cooperation of doctors and engineers in the context of providing medical aid and the use of biomedical materials in everyday diagnostic and therapeutic practice. Studies related to metals and their alloys are expected, due to the substantive limitations resulting from the scope of the *Metals* journal. We are also interested in composite materials with the participation of metals and their alloys, as well as metal layers applied to the substrates of various materials or various coatings (including ceramic and polymer coatings) applied to metal substrates, or the comparison of metal materials with ceramic or polymer materials.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



Metals

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Impact Factor 2.5
CiteScore 5.3



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About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 18 days after
submission; acceptance to publication is undertaken in 2.6
days (median values for papers published in this journal in
the first half of 2025).