



Medical Imaging: Advanced Techniques and Applications

Guest Editor:

Dr. Hartmut Schneider

Department of Cariology,
Endodontology and
Periodontology, University of
Leipzig, Liebigstraße 12, 04103
Leipzig, Germany

Deadline for manuscript
submissions:

closed (30 December 2022)

Message from the Guest Editor

Dear Colleagues,

Medical Imaging encompasses different imaging modalities and processes to image the human body for diagnostic and treatment purposes and therefore plays an important role in initiatives to improve public health for all population groups.

Research into the application of medical images is usually the preserve of radiology and the medical sub-discipline relevant to medical condition or area of medical science (neuroscience, cardiology, psychiatry, psychology, dentistry, etc.) under investigation. Many of the techniques developed for medical imaging also have scientific and industrial applications. One of the most exciting areas currently under research is the application of artificial intelligence (AI) to medical imaging.

This Special Issue of the journal Applied Sciences, “Medical Imaging: Advanced Techniques and Applications” is dedicated to covering some of the recent advances in this novel technology and applications.





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)