Special Issue

Applications of Artificial Intelligence in Medical Imaging

Message from the Guest Editor

Medical imaging aims to improve the diagnostic performance of various diseases and to help us to understand the underlying pathophysiology. Artificial intelligence (AI) is the new frontier in medical imaging offering innovative solutions in multiple tasks, such as reconstruction, segmentation, registration, and computer-aided diagnosis. The field of AI itself is rapidly evolving with new, exciting advancements, such as explainable AI and artificial general intelligence (AGI). The scope of this Special Issue is to translate recent advancements in the field of AI into medical imaging aiming to diagnose diseases earlier and more accurately, facilitate drug discovery, and enable personalized patient therapy.

Guest Editor

Dr. Nikolaos Dikaios

Mathematics Research Centre, Academy of Athens, 10679 Athens, Greece

Deadline for manuscript submissions

closed (15 December 2022)

Applied Sciences

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)

MDPI