Special Issue

Advancements in Artificial Intelligence for Medical Images

Message from the Guest Editor

We are pleased to announce a call for papers for a Special Issue of *Journal of Imaging,* dedicated to "Advancements in Artificial Intelligence for Medical Images". This Special Issue aims to explore cutting-edge research and innovative applications of artificial intelligence (AI) in the field of medical imaging. Scope and Topics: The integration of AI into medical imaging is revolutionizing healthcare, offering unprecedented improvements in diagnoses, treatment planning, and patient outcomes. This Special Issue invites original research articles, comprehensive reviews, and insightful case studies that focus on, but are not limited to, the following topics:

- Deep Learning for Medical Imaging
- Imaging Biomarkers
- Computer-Aided Diagnosis (CAD)
- Image Reconstruction and Enhancement
- Multimodal Imaging and Data Integration
- Ethics and Explainability in AI
- AI in Screening and Early Detection
- Real-time and edge AI (AI on the edge) Applications
- Regulatory and Clinical Adoption

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About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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