Special Issue

From Code to Clinic: Trustworthy AI for Medical Imaging

Message from the Guest Editor

Artificial intelligence is poised to redefine the landscape of medical imaging, offering profound new capabilities for diagnosis, prognosis, and treatment planning. However, the journey from algorithm development to clinical integration—from code to clinic—is fraught with challenges, and prominent among these is the establishment of trust. For these powerful algorithms to transition from computational models to clinical mainstays, they must earn the confidence of practitioners and patients alike. This Special Issue, therefore, seeks to assemble a premier collection of research dedicated to bridging this crucial translational gap, highlighting a new generation of AI that is not only efficacious but is fundamentally reliable, transparent, and fair, thereby fostering clinical confidence and promoting patient benefit.

The purpose of this collection is to curate a landmark Issue that showcases cutting-edge research dedicated to making AI in medical imaging a reliable and indispensable tool for clinicians. We look forward to receiving your contributions to this important and timely endeavor.

Guest Editor

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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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