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AI in MRI: Frontiers and Applications

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Message from the Guest Editors

Recent advances in artificial intelligence (AI) have created tremendous opportunities for improving the capabilities of medical imaging. Magnetic resonance imaging (MRI), in particular, is a highly versatile modality that may greatly benefit from the incorporation of AI along different points of the imaging pipeline. Recent studies have demonstrated the potential use of AI for scan time reduction, improved disease classification/segmentation, extraction of quantitative parameters from low signal-to-noise-ratio images, and automatic protocol design. This Special Issue of *Bioengineering*, titled “*AI in MRI: Frontiers and applications*” will include new and exciting results from original research endeavors, reviews of the state of the art, and highlights of the upcoming challenges and opportunities in the field.



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Special Issue



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Message from the Editor-in-Chief

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