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New Horizons in Breast Cancer Magnetic Resonance Imaging

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Message from the Guest Editors

Magnetic resonance imaging (MRI) has experienced fast advancements in recent decades, leading to continued technical improvements and the development of new methods and procedures. This Special Issue will focus on the ongoing advancements of MRI in breast cancer screening, diagnosis, prognosis, and follow-up of therapy. Specifically, it will describe the various ways and means of breast MRI, including innovations in pulse sequences, in the various exogenous contrast-enhanced methods, in new developments of intrinsic contrast methods based on water diffusion, magnetization transfer, arterial spin labeling, as well as sodium imaging and metabolic imaging using hyperpolarized ¹³C-labeled precursors. In addition, this issue will cover the initial role of radiomics and artificial intelligence algorithms in improving processing and analysis of breast MRI.



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Special Issue



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Message from the Editor-in-Chief

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