Special Issue

Artificial Intelligence for Magnetic Resonance Imaging

Message from the Guest Editor

This Special Issue encourages researchers on artificial intelligence to work on improving the clinical utility of multiparametric magnetic resonance imaging (MRI). Novel machine-learning algorithms specific to MRI data is a challenge and could significantly improve MRI's ability to detect and diagnose diseases. Such algorithms could be used to reconstruct MR data, to process and analyze the reconstructed MR images, and to build computer aided detection and diagnosis software. Our main focus will be on handling imbalanced data, feature selection, transfer learning, self-attention, and explainability. We look forward to your latest research on enhancing the clinical utility MRI using novel machine learning methods.

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