



Artificial Intelligence and Computational Methods in Cardiology

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Message from the Guest Editors

The Special Issue invites submissions that demonstrate the utility of AI and computational methods in analyzing various multimodal signal sources and imaging modalities, including (but not limited to) optical signals, electrical signals (electroencephalogram, electromyogram, electrocardiogram), echocardiography, nuclear cardiology, cardiac computed tomography, and cardiac magnetic resonance imaging. Additionally, discussions on innovative wearable, point-of-care, and ambulatory devices incorporating AI applications for diagnosing cardiac diseases are encouraged. Submitted manuscripts should provide robust evidence of the outcomes' utility in real-life applications, including clear problem definitions, appropriate data usage, population selection, and adequate validation strategies. Furthermore, authors are expected to address the challenges and limitations inherent in these applications, ensuring a comprehensive and critical evaluation of the proposed methodologies. We look forward to receiving your contributions.





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Message from the Editor-in-Chief

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