Special Issue

Trustworthy Computer-Aided Diagnosis of Breast Cancer Using Ultrasound

Message from the Guest Editors

Breast cancer ranks first for incidence in females in 159 countries, and it alone accounted for approximately 25% of new female cancers globally in 2020. Recently, many studies demonstrated that breast ultrasound with advanced computer-aided diagnosis (CAD) systems could achieve high sensitivity (94%-95%) and high specificity (89%-93%) for breast cancer detection. In this Special Issue, we welcome authors focusing on introducing the new methodologies for ultrasound-based trustworthy CAD for breast cancer detection, which are characterized by high generalizability, high explainability, and high robustness.

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Message from the Editor-in-Chief

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