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Document type
Conference Paper

Source type
Book Series

ISSN
18650929

ISBN
978-303120610-8

DOI
10.1007/978-3-031-20611-5_13

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Abstract

The convolutional neural networks (CNNs) as tools for ultrasound image segmentation often have their performance affected by the low signal-to-noise ratio of the images. This prevents a correct classification and extraction of relevant information and therefore affects clinical diagnosis. We