Special Issue

Deep Learning in Ultrasound Imaging for Healthcare

Message from the Guest Editor

Artificial intelligence is transforming the world and deep learning is the primum movens. This revolution has not spared medical imaging, where deep learning has been used in different tasks, from image formation to image segmentation and classification, improving clinical processes and contributing to a reduction in healthcare costs. Ultrasound, a native multimodal imaging modality, is becoming an invaluable tool for clinical practitioners due to its unique advantages, such as low cost, portability, large availability, and the absence of ionizing radiation. These features have earned ultrasound the definition of stethoscope of the future. Accordingly, the contribution of deep learning to ultrasound is of strategic importance as it could improve both efficiency and diffusion of this imaging technique in every healthcare sector. Following these premises, I would like to invite researchers to contribute their insights and findings in the form of commentaries, original researches, and reviews for this Special Issue, entitled "Deep Learning in Ultrasound Imaging for Healthcare".

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2023)

MDPI

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Message from the Editor-in-Chief

Healthcare is an international, scientific, peer-reviewed, open access journal on health care systems, industry, technology, policy, and regulation, and is published semimonthly online by MDPI. Ocular Wellness & Nutrition Society (OWNS) is affiliated with Healthcare and its members receive discounts on article processing charges.

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