



Application of Deep Learning in Medical Ultrasound

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

With the development of medical imaging technology, it has found increasing use in the diagnosis of diseases. Ultrasound imaging has a particular place among imaging systems due to its special advantages, such as not using ionizing radiation, being real-time, and having a portable and cheap system. On the other hand, this type of imaging has some limitations that have drawn the attention of many researchers to try to solve these problems.

Deep learning as a new method has been used in many fields in recent years, including in medical imaging. The use of deep learning in ultrasound imaging and in automating diagnosis from ultrasound images is a relatively new field that promises valuable achievements in improving these systems.

The purpose of this Special Issue is to provide an environment for presenting the latest findings and ideas of researchers in the application of deep learning in improving ultrasound systems and automating the diagnosis of diseases.

Dr. Hamid Behnam
Guest Editor





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