Deep Learning in Healthcare

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Message from the Guest Editors

This Special Issue focuses on data mining, big data analysis technology, deep convolution networks, generate against networks (GAN), gradient boosted machines (GBM) and deep reinforcement learning (DRL) to be applied in healthcare practices, such as disease transmission prediction, auxiliary diagnosis, post-recovery assessment of disease, new drug research and development, identification and early warning of psychological illness, health management, medical image recognition. The big data technology can be applied to the analysis and mining of heterogeneous data, and the analysis of a large number of real-time monitoring data, etc., which can provide technical support for healthcare management systems and comprehensive information platforms. In addition, big data technology can provide: clinical decision-making assistance and scientific research support for doctors; management assistance for the administration; health monitoring support for hospitals and residents; statistical analysis and medical behavior analysis support for new drug research and development.

Special Issue

Editor-in-Chief

Message from the Editor-in-Chief

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