

Special Issue

Explainable Artificial Intelligence (XAI) for Healthcare Analytics

Message from the Guest Editor

The main aim of this Special Issue is to find difficulties as well as challenges in the healthcare domain and to identify the possible ways to overcome these through XAI. This Special Issue aims to provide an opportunity for researchers around the globe to share their novel ideas in an exciting area. Topics of interest relating to XAI include, but are not limited to, the following:

- Medical image analyses with XAI-based techniques.
- Identification of human part infections in various organs, such as heart, brain, kidney, and lung infections, with XAI techniques.
- Prediction/forecasting of diseases with XAI.
- Detection/prevention of cancer-based diseases with machine learning features.
- XAI-based healthcare analytics on CT images and other image processing models.
- Early prevention/prediction of disease based on XAI techniques.
- XAI for healthcare analytics with novel methods.
- Ensemble methods with federated learning (FL)/trustworthy AI for healthcare.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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