

Special Issue

Energy-Efficient and Privacy-Preserving Biomedical Signal and Image Processing

Message from the Guest Editor

Energy-efficient and privacy-preserving biomedical signal and image processing is an emerging field that combines advancements in medical technology with sustainable and secure practices. With the increasing demand for wearable health devices, medical imaging systems, and remote health monitoring, it is critical to develop solutions that not only minimize energy consumption but also ensure the privacy of sensitive patient data. By leveraging techniques such as signal compression, data encryption, and AI-driven models, this field aims to provide accurate medical analysis while safeguarding privacy and reducing the environmental impact of healthcare technologies.

Guest Editor

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