

## Special Issue

# Wearable Technologies for Digital Health: Sensors, Analytics, and Applications

### Message from the Guest Editors

Wearable technologies—from smartwatches and biosensing textiles to implantable and skin-adhesive sensors—are transforming digital health by enabling continuous, real-time monitoring of physiological, behavioral, and environmental data. This Special Issue invites original research and review articles that explore how wearables generate actionable health insights, support clinical decision-making, and drive innovation in precision medicine, remote patient monitoring, rehabilitation, and chronic disease management. Topics of interest include wearable sensor platforms, AI/ML methods for multimodal data, digital biomarkers, edge computing, mental health applications, and ethical considerations such as privacy and health equity. We welcome interdisciplinary work spanning engineering, computer science, medicine, and public health, and look forward to contributions that advance the science and applications of wearable technologies for next-generation digital health systems.

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### Guest Editors

Dr. Charles A. Odonkor  
Dr. James S. Khan  
Prof. Dr. Bian Yang

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### Deadline for manuscript submissions

12 May 2027



## Big Data and Cognitive Computing

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Impact Factor 5.3  
CiteScore 11.4



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## About the Journal

### Message from the Editor-in-Chief

*Big Data and Cognitive Computing (BDCC)* is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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### Editor-in-Chief

Prof. Dr. Min Chen

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