Special Issue

Revolutionizing Healthcare: Exploring the Latest Advances in Digital Health Technology

Message from the Guest Editors

Digital health technology has been rapidly advancing, and it has the potential to revolutionize healthcare delivery, improve patient outcomes, and reduce costs. This special issue aims to provide a platform for researchers, academics, and practitioners to share their latest research, best practices, and insights on the use of digital health technology in healthcare.

We welcome original research articles, review papers, case studies, and perspectives on the following topics (but not limited to): Telemedicine and telehealth; Artificial intelligence and machine learning in healthcare; Big data analytics in healthcare; Internet of Things (IoT) in healthcare; Wearable technology and mobile health applications; Blockchain technology in healthcare; Virtual and augmented reality in healthcare; Electronic health records and health information systems; Patient engagement and digital health interventions

We encourage submissions that demonstrate interdisciplinary and collaborative research, and that address the challenges, opportunities, and ethical considerations associated with the use of digital health technology in healthcare.

Guest Editors

Dr. Hossein Hassani

 International Institute for Applied Systems Analysis (IIASA), 2361 Laxenburg, Austria
Research Institute of Energy Management and Planning (RIEMP), University of Tehran, Tehran 1417466191, Iran

Dr. Steve MacFeely

Data and Analytics Division, World Health Organization, 1201 Geneva, Switzerland

Deadline for manuscript submissions

closed (31 December 2024)



Big Data and Cognitive Computing

an Open Access Journal by MDPI

Impact Factor 4.4 CiteScore 9.8



mdpi.com/si/173097

Big Data and Cognitive Computing Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 bdcc@mdpi.com

mdpi.com/journal/ BDCC





Big Data and Cognitive Computing

an Open Access Journal by MDPI

Impact Factor 4.4 CiteScore 9.8





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.

Editor-in-Chief

Prof. Dr. Min Chen School of Computer Science and Engineering, South China University of Technology, Guangzhou 510641, China

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, Inspec, Ei Compendex, and other databases.

Journal Rank:

JCR - Q1 (Computer Science, Theory and Methods) / CiteScore - Q1 (Computer Science Applications)