Special Issue

Digital Transformation in Healthcare

Message from the Guest Editor

This issue aims to provide a revealing overview of the impact of advanced computation and instrumentation on healthcare. A worldwide increasing trend is driving innovation for a new era of multifunctional technologies with the ability to autonomously perform intensive therapeutic actuation, physiologic monitoring, digital processing, and communication operations. Research on healthcare is nowadays performed on a multidisciplinary basis, comprising computational engineering, biomedicine, biomedical engineering, electronic engineering, and automation engineering, among other areas. This Special Issue aims to disseminate cutting-edge research focused on ten topics: (1) personalized healthcare; (2) big data in healthcare; (3) predictive healthcare; (4) virtual reality in healthcare; (5) telemedicine; (6) artificial intelligence in healthcare: (7) bioelectronic medicine: (8) innovative medical devices-wearable medical devices and bioelectronic/instrumented implants; (9) modelling and simulation in healthcare; (10) energy harvesting to power medical devices. This interdisciplinary forum encourages the submission of original research, reviews, short reports, and opinion papers.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2021)



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About the Journal

Message from the Editor-in-Chief

Healthcare is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

Healthcare hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special

We would be pleased to welcome you as one of our authors.

Editor-in-Chief

issues.

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