

Special Issue

Digital Therapeutics, Digital Twin and Mixed/Augmented Reality in Healthcare

Message from the Guest Editor

The pandemic has accelerated the transition to the digital age in the era of the Fourth Industrial Revolution, and various technologies are developing rapidly. Digital therapeutics are software medical devices used to prevent, manage, and treat diseases based on scientific and clinical evidence on the mechanism of therapeutic action, which will require a multidisciplinary exploration to provide new treatment tools in our current society. The combination of digital twin technology, which allows for a better understanding of the characteristics of objects by virtually modeling and computer-simulating them, mixed reality and augmented reality, and healthcare will help people respond quickly to diseases by detecting and identifying problems before they occur in real-world environments and improving safety and efficiency. Improving healthcare services through the development of these technologies will be an innovative key to improving people's quality of life.

We look forward to your active submissions of comprehensive case study papers on all aspects, including theoretical and experimental studies and survey research on the development of the field.

Guest Editor

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Deadline for manuscript submissions

closed (20 March 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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