

Special Issue

Internet of Things, Big Data, and Cloud Computing for Healthcare 4.0

Message from the Guest Editor

the adoption of IoT, big data, and cloud computing can provide new opportunities and applications in all healthcare sectors. Most researchers and experts believe that the combined exploitation of these technologies can offer the potential to revolutionize the solutions required for many aspects of society's healthcare systems. However, technical challenges such as security issues, DevOp skills, and infrastructure requirements need to be addressed prior to the realization of their potential. Recently, considerable advancements have been made in the adoption of these three technologies in terms of the therapy and management of different diseases, increasing life expectancy, gaining proper experience for healthy behavior, and improving the overall quality of human life. Suggested themes include, but are not limited to:

- Big data analysis for healthcare in the cloud;
- Obstacles of IoT data analysis for healthcare;
- Infection avoidance by utilizing healthcare data analysis;
- The use of wearable devices to monitor the health of elderly people;
- Improved patient predictions using data analysis;
- Reductions in fraud and enhancements in security of IoT-based healthcare systems.

Guest Editor

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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