Special Issue

Advancing Smart Health and Biomedical Research with Artificial Intelligence Algorithms

Message from the Guest Editors

This Special Issue encourages researchers to extend the potential of AI to diverse medical disciplines. Whether for medical diagnosis or drug development, the recent advances in technologies such as artificial intelligence (AI), machine learning (ML), deep learning (DL), and data sciences can advance research across the spectrum of smart health and biomedical research. This Special Issue aims to inspire researchers to explore the development of new AI algorithms or enhance existing AI-based algorithms in smart health and biomedical research. The research articles contributed to this issue are anticipated to lay the groundwork for developing patented devices with promising applications in the medical field.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)

Algorithms

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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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