Special Issue

Artificial Intelligence Algorithms for Healthcare

Message from the Guest Editors

We invite you to submit your latest research in the area of the development of data-driven healthcare to this Special Issue "Artificial Intelligence Algorithms for Healthcare". The use of artificial intelligence methods and tools in healthcare is an important modern trend in science. Artificial intelligence technologies are changing the global healthcare system, allowing to improve the system of medical diagnostics, drug development, medical data analysis, and medical decision making, as well as improve the quality of healthcare services while reducing costs for medical institutions. This Special Issue will include original theoretical and empirical studies and reviews in the field of machine learning, data mining, modeling, information technologies, and artificial intelligence in the context of healthcare. The purpose of this special issue is to educate the community about unique and new research related to the application of artificial intelligence methods and tools to various aspects of healthcare and medical research.

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Deadline for manuscript submissions

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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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