Artificial Intelligence Computing and Applications for COVID-19

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Message from the Guest Editors

Dear Colleagues,

Artificial intelligence (AI) are methods that are applied to transform the way humans will interact with machines and the role that machines will play in all spheres of human life. On one hand, the immense potential of these technologies to enhance and enrich human life has led to a growing exhilaration and excitement on their use, and on the other hand, fear and apprehension of a dystopian future where machines have taken over loom on the horizon. These techniques are considered to be a category in computer science, involved in the research and application of intelligent computers. Traditional methods for modeling and optimizing complex problems require huge amounts of computing resources, and computing-based solutions can often provide valuable alternatives for efficiently solving problems. Due to making nonlinear and complex relationships between dependent and independent variables, these techniques can be performed in the field of bioengineering with a high degree of accuracy. As such, many new intelligence models can be introduced for different applications.

Special Issue

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Message from the Editor-in-Chief

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