Special Issue

Bio-Inspired Computing and Its Applications

Message from the Guest Editors

Bio-inspired computing is a frontier research domain that deals with the development of models, techniques, and algorithms inspired by biological mechanisms and living phenomena. Its applications include but are not limited to features selection in machine learning, parameters optimization in deep neural networks, build of self-organizing systems, design of robots, adaptability, and energy efficiency in large-scale distributed systems. The purpose of this Special Issue is to present recent advancements in the design and development of bio-inspired computational methods and their applications in different fields such as healthcare, transport systems, logistic chains, smart grids, and smart cities, etc.

Guest Editors

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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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