Topical Collection

Bio-inspired Computation and Applications

Message from the Collection Editor

Traditional computing technologies have problems with handling the complex cases like pattern recognition, robotic sensors, etc. A new way of using biological concepts in traditional computing technology has been developed, namely bio-inspired computing. Bio-inspired computing (BIC) is focused on the design and development of computer algorithms and models based on living phenomena, biological mechanisms and creature motivations. It could definitely improve understandability Computing over the years has evolved from a simply mathematical processing machine to a problem-solving entity around reasoning and intelligence. Many scientists and engineers have closely observed some of the biological processes, achieving certain things in a more efficient and simple fashion than traditional computational mechanisms. This has led to the development of various techniques and algorithms that test these biological processes.

Collection Editor

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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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