Special Issue

Advanced Artificial Intelligence Theories and Applications

Message from the Guest Editors

In recent years, artificial intelligence has attracted great attention in almost every field and is one of the most promising fields today. This special issue aims to propagate the latest research results and developments in artificial intelligence, with a special interest in its advanced theories and practical applications in computer science, industrial engineering, electronic information, control science, communication engineering, and other fields. We kindly invite researchers and practitioners to contribute their high-quality original research or review articles discussing current cutting-edge research topics in artificial intelligence, such as big data and data analysis, deep learning, distributed computing, human action recognition, image classification and segmentation, information fusion, industrial automation, deep neural networks, signal processing, edge computing communications, natural language processing and applications, information security and privacy, networked systems, control and optimization, etc. Analytical, numerical, and experimental works which contribute to the development of theories and applications of artificial intelligence, are welcome.

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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.

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