Deep Learning Based on Neural Network Design

Guest Editor:

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Message from the Guest Editor

Neural networks are powerful and practical deep learning algorithms which have been applied into various areas and witnessed a great many of successes. So far, diverse kinds of neural networks have emerged, such as the convolutional neural network (CNN), the recurrent neural network (RNN), the generative adversarial network (GAN), etc.

In this Special Issue, we invite submissions exploring state-of-the-art researches in the fields of deep learning-based neural network design. Both theoretical and experimental studies are welcome, as well as comprehensive reviews and survey papers.

- intelligent data analysis
- artificial intelligence
- computational intelligence

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Special Issue

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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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