Special Issue

Advances in Sports Performance Analysis

Message from the Guest Editor

Artificial neural networks are machine learning tools, which—like natural neural networks—can learn to recognize and classify patterns and model problems that are difficult to define. These abilities are well suited in analysing and planning tactical patterns in sports games or patterns of learning behaviour in training processes. Especially in the field of competitive sports, research questions are usually located in complex environments. In these cases, artificial neural networks might be successfully applied to analyse data and identify as yet, unknown information and inter-relationships. We invite papers to this Special Issue "Application of Artificial Neural Networks in Sports Performance Analysis" in the *Applied Sciences* journal pertaining to the following: artificial neural networks; AI techniques; sport science; sporting performance prediction; injury risk assessment; team sports.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2022)

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About the Journal

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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