Special Issue

Machine Learning in Sports: Practical Applications for Practitioners

Message from the Guest Editor

The practical applications of machine learning in sports are diverse and encompass multiple domains. Researchers can utilize these techniques to evaluate performance metrics, fine-tune training regimes, and identify areas for improvement. Furthermore, machine learning can assist in injury prevention, player scouting, talent identification, and optimization of game plans based on opponent analysis. Thus, this is a new trend from which athletes and coaches may gain new insights for performance improvement. This Special Issue invites researchers, data scientists, and practitioners from a wide range of disciplines to contribute original research, reviews, and practical case studies that demonstrate the application of machine learning in sports. Both theoretical and practical submissions are welcome, with the objective of showcasing advances in the field and providing practical insights for those involved in the sporting industry. **Keywords**

- machine learning
- sports
- exercise

Guest Editor

Dr. Jorge Morais
Department of Sport Sciences, Instituto Politécnico de Bragança (IPB), 5300-253 Bragança, Portugal

Deadline for manuscript submissions

closed (20 December 2024)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/192029

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)