Special Issue

Innovative Technologies for and Approaches to Sports Performance

Message from the Guest Editors

New perspectives that lead to performance improvements represent an important issue for sport scientists and coaches. Performance enhancement depends not only on training content and load prescription but also on innovative technological and practical methods or approaches that can be applied during training or for the assessment of relevant parameters. This poses new challenges in the development of science-based techniques to inform sport scientists. We invite submissions of contemporary research related to all aspects of sport and exercise performance development to this Special Issue. Possible topic areas broadly include recent approaches to innovative technology in terms of methods of exercise and sports training application, innovative and applied methods to assess exercise performance, and performance moniroting. Both experimental studies and review papers are welcome. We look forward to receiving your submissions.

Guest Editors

Dr. Argyris Toubekis

Dr. Gavriil George Arsoniadis

Dr. Ioannis S. Nikitakis

Deadline for manuscript submissions

31 July 2025



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



mdpi.com/si/223511

Applied Sciences 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 5.3



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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

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

