

Special Issue

Sports Biomechanics and Sports Technology, Second Edition

Message from the Guest Editor

Biomechanics and sports technology are areas of great importance for the advancement of knowledge and the improvement of sports practice. These fields focus on studying and applying the physical and mechanical principles that govern human movement and the behavior of materials and devices used in sports. Additionally, the measurement process of physical activity and sports involves the use of accurate instruments to conduct various measurements, such as kinetic, kinematic, and physiological variables, as well as similar metrics. In this context, the validity and reliability of instruments are of paramount importance, as new technological devices emerging each year aim to produce meaningful outcomes that are consistent and in agreement with the true measured values. By publishing articles on these subjects, the results of research and innovations in the field of sports can be disseminated, while also promoting debate and collaboration among professionals, researchers, and society in general.

Guest Editor

Prof. Dr. Jose Manuel Jimenez-Olmedo

Physical Education and Sport Area, Faculty of Education, University of Alicante, Alicante, Spain

Deadline for manuscript submissions

20 April 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/250129

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

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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)