

## Special Issue

# Sports Biomechanics Applied to Performance Optimization

### Message from the Guest Editors

Sports biomechanics has proliferated in recent years thanks to the advancement of technology. Emerging technological developments allow us to not only measure motion, but also measure the inertial forces of human movements in more practical settings. In this sense, new areas mainly related to the optimization of athletic performance and injury prevention have emerged within sports biomechanics. Therefore, this Special Issue of *Applied Sciences* aims to provide current information on the latest techniques of data analysis and data processing, together with the contemporary methods used, in performance-related sports biomechanics research. Original articles, reviews, or case reports are welcome to be submitted to this Special Issue.

### Guest Editors

Dr. Alejandro Pérez-Castilla

Department of Education, Faculty of Education Sciences, University of Almería, Almería, Spain

Prof. Dr. Felipe García-Pinillos

Department of Sports and Physical Education, University of Granada, Granada, Spain

### Deadline for manuscript submissions

closed (30 November 2023)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/149995](https://mdpi.com/si/149995)

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

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