

Special Issue

Applied Biomechanics for Injury Prevention and Performance

Message from the Guest Editors

In spite of different preventive measures, musculoskeletal injuries are still common problem related with physical activity. This is especially true for the population in which expected physical performance is at the highest level, such as in top level athletes and members of the armed forces (military and police). Creating interventions that would successfully preserve or improve performance while reducing injury risk is the ever-lasting goal of researchers in this area. This Special Issue is dedicated to the biomechanical aspects of injury prevention and performance enhancement and will address how the good understanding of biomechanical injury mechanism, body posture, gait, strength, and power may help us create more effective exercise interventions. We kindly invite you to submit your research articles or reviews on the latest research work in these areas, with emphasis on applicability of the findings in top level athletes and military personnel.

Guest Editors

Assoc. Prof. Dr. Vedran Hadžić

Faculty of Sport, University of Ljubljana, 1000 Ljubljana, Slovenia

Prof. Dr. Nejc Šarabon

Faculty of Health Sciences, University of Primorska, 6310 Izola, Slovenia

Deadline for manuscript submissions

closed (31 July 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/69296

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

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





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)