



sports



an Open Access Journal by MDPI

Researching Sports Biomechanics for Disabled People

Guest Editor:

Dr. Luca Paolo Ardigo

School of Exercise and Sport
Science, Department of
Neurosciences, Biomedicine and
Movement Sciences, University of
Verona, Verona, Italy

luca.ardigo@univr.it

Deadline for manuscript
submissions:

1 July 2020

Message from the Guest Editor

Disabled people compete at high levels in several sport disciplines and physical activity for this population has become a high interest area of study in biomechanics. In order to help them with their functional disabilities, researchers need to re-think their methods of investigations. Paralympic athletes compete in both individual and team sports, locomotive and non-locomotive disciplines, short-lasting high-intensity and long-lasting low-intensity efforts, etc. Sport is acknowledged as being of immense value to sedentary disabled people as well.

The following are examples of some of the potential topics in sports biomechanics for disabled people: How much mechanical and metabolic work/power is needed in different sports; how do mechanical and metabolic work/power relate to each other; how is motor control successfully managed in different sports; how can sports equipment be adapted to users; and which are the most effective testing and training protocols.

The aim of this Special Issue is to advance knowledge regarding biomechanics for disabled people practicing sport or simply exercising for fitness or entertainment purposes, in terms of testing and training assessment.



mdpi.com/si/16768

Special Issue



sports



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Eling Douwe De Bruin

Institute of Human Movement Sciences and Sport, IBWS ETH, HCP H 25.1, Leopold-Ruzicka-Weg 4, CH-8093 Zürich, Switzerland;
Professor at Karolinska Institutet, Stockholm, Sweden

Message from the Editor-in-Chief

Sports (ISSN 2075-4663) is a peer-reviewed scientific journal that publishes original articles, critical reviews, research notes and short communications in the interdisciplinary area of sport sciences and public health. It links several scientific disciplines in an integrated fashion, to address critical issues related to sport science and public health. The journal presents diverse original articles, including systematic and narrative reviews, cohort and case control studies, innovative randomized trials, and formative research using qualitative and quantitative methods with the aim to provide information for researchers to plan intervention programs. It addresses diverse public health, physical activity and exercise science topics.

Author Benefits

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

High visibility: Indexed in the Emerging Sources Citation Index (ESCI - Web of Science) and other databases. Citations available in PubMed, full-text archived in PubMed Central.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 14.5 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2019).

Contact Us

Sports
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sports
sports@mdpi.com
@Sports_MDPI