

Topical Collection

Locomotion Biomechanics and Motor Control

Message from the Collection Editor

Motor control and biomechanics have gradually developed important research fields in human/Animal movement. Locomotion biomechanics is a fascinating interdisciplinary research field that addresses key aspects of how the biological motor system is designed and controlled. Its research field comprises the function of the musculoskeletal system (body mechanics), neuromuscular system (Neurocontrol and Neuromodulation) as well as the organization of sensorimotor functions (motor control and learning). Motor control underlies motion, balance, stability, coordination, and our interaction with others. The integration between biomechanics and motor control deserves more attention and discussion. This special issue focuses on collecting papers that investigate motor control based on complicated locomotion biomechanics methodologies and use biomechanical theories. It also aims to explore the key techniques, theories, and applications of locomotion biomechanics and motion control. This Special Issue welcomes original research and review papers covering the following topics(including but not limited to):

- Locomotion
- Movement
- Gait analysis
- Posture and balance
- Kinematics
- Motor control

Collection Editor

Prof. Dr. Ka-Chun (Joseph) Siu

Department of Health and Rehabilitations Sciences, University of
Nebraska Medical Center, Omaha, NE 68198-4420, USA



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

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About the Journal

Message from the Editor-in-Chief

Biomechanics (ISSN 2673-7078) is an international, peer-reviewed, and open access journal devoted to the fast publication of the latest achievements of scientific research in the area of biomechanics. Both experimental and theoretical papers are published. We hope that the submission guidelines and submission template will assist you in your submission of your research to this journal, and that you will enjoy reading the articles in *Biomechanics*.

Editor-in-Chief

Prof. Dr. Tibor Hortobágyi

1. Research Professor, Department of Kinesiology, Hungarian University of Sports Science, 1123 Budapest, Hungary
2. Research Professor, Institute of Sport Sciences and Physical Education, Faculty of Sciences, University of Pécs, 7624 Pécs, Hungary
3. Professor Emeritus of Movement and Healthy Ageing, Department of Human Movement Sciences, University Medical Center Groningen, 9700 Groningen, The Netherlands

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