

Special Issue

Animal Dynamics

Message from the Guest Editor

The purpose of this special issue is to gather a collection of articles reflecting the latest developments in dynamics of animal locomotion. Prospective authors are encouraged to submit their quality research contributions describing original results, empirical, experimental, or theoretical studies in the complex area of animal locomotion. Topics of interest for submission include, but are not limited to: mechanical simulation, sensory information and acquisition, musculo-skeletal dynamics, interaction with the ground, equations of motion, control.

- animal locomotion
- sensory information
- musculo-skeletal dynamics
- nonlinear dynamics
- control

Guest Editor

Prof. Dr. Dan B. Marghitu

Department of Mechanical Engineering, Auburn University, Auburn, AL 36849, USA

Deadline for manuscript submissions

closed (31 October 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/62040

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

mdpi.com/journal/

[applsci](https://mdpi.com/journal/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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)