Special Issue

Biologically Inspired Assistive and Rehabilitation Robotics

Message from the Guest Editor

Wearable robots are robotic systems that can augment, support, and restore various physical abilities of the wearer. Different types of wearable robots have been proposed. Specifically, given their primary purpose of assisting people's physical abilities, wearable robots are often developed by imitating the principles of the human musculoskeletal system. This Special Issue aims to introduce and share the latest research in the field of biologically inspired wearable robots. In particular, this Issue introduces various types of wearable robots that utilize biomimetics in multiple aspects, such as robot design, control algorithms, sensors, and recognition. This Issue also covers the utilization and evaluation of biologically inspired wearable robots.

Guest Editor

Dr. Giuk Lee

Department of Mechanical Engineering, Chung-Ang University, Seoul, Republic of Korea

Deadline for manuscript submissions

closed (31 December 2023)

Biomimetics

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 4.2
Indexed in PubMed

mdpi.com/si/162435

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

mdpi.com/journal/biomimetics

Biomimetics

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 4.2
Indexed in PubMed

mdpi.com/journal/biomimetics

MDPI

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Stanislav N. Gorb
Department of Functional Morphology and Biomechanics, Zoological Institute, Kiel University, 24118 Kiel, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).