Special Issue

Advances in Bio-Inspired Robots

Message from the Guest Editors

Bio-inspiration can be a good starting point to design a robotic system, controllers, sensors, and a learning algorithm. Observations of animals and plants can lead to new ideas that humans have not thought of. Making good use of these ideas can help researchers to create more creative and efficient robots. If these bio-inspiration techniques are used well, they can provide clues to overcome the limitations of conventional robots. Bio-inspiration is also in the spotlight for its potential use in robots for military and environmental monitoring because bio-inspired robots have excellent cover characteristics by copying the shape and movement of animals in nature. This Special Issue is designed to provide an opportunity to introduce and share state-of-the-art research in the field of bio-inspired robots by collecting and introducing recent research results of various bio-inspired robots. We look forward to the participation of researchers who are conducting research in this field.

Guest Editors

Dr. TaeWon Seo

Prof. Dr. Dongwon Yun

Prof. Dr. Gwang-Pil Jung

Deadline for manuscript submissions

closed (31 May 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/58366

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

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)

MDPI