

Special Issue

Advanced Biorobotics and Bionic Systems

Message from the Guest Editors

Inspired by the special functions of biology, studies on the biomimetic design, manufacturing, and control of advanced biorobotics are of great significance in the fields of robotics engineering and materials science. Compared with traditional robots or mechanical systems, biorobotics have unique advantages, including the safety of human-machine interactions, their adaptability to complex environments, the high dimensional degree of freedom, miniaturization, etc. Such advanced biorobotics and bionic systems play a crucial role in narrow spaces, such as minimally invasive surgery, biological detection, targeted drug delivery, etc. The Special Issue will present novel ideas and results related to advanced biorobotics or related bionic systems at micro/nano-scale and macro-scale.

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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.

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