

Special Issue

Soft Robotics: New Design, Control, and Application

Message from the Guest Editor

Soft robotics is a rapidly growing interdisciplinary research area, since deformable features for building robotic and mechatronic systems are expected to have high potential in various applications. Particularly, soft mechanisms may present new opportunities in resolving problems in conventional robotics such as miniaturization, compliant control, wearability, movement on uneven surfaces or in water, and flexibility. This Special Issue welcomes recent advances, challenges, and future perspectives about design, control, and applications in soft robotics. We invite researchers to contribute original works and qualified reviews related to this Special Issue, exploiting recent methodologies for fabricating active soft bodies including compliant sensors and actuators, proposing new approaches in designing soft mechanisms for robotic motions, and addressing challenges in developing dedicated systems for future applications.

Guest Editor

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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.

Editor-in-Chief

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