Special Issue

Recent Advances in Soft Robots

Message from the Guest Editors

Soft robots have been widely explored and have now become a hot research topic, attracting much attention from different fields, such as robotics, materials science, physics, and biomedical engineering. The flexible and large deformation ability of soft robots allow them to perform dexterous operations and navigate in confined spaces of the human body, showing great potential as smart grippers, intelligent electronics, and biomedical applications. This Special Issue aims to bring together the latest high-quality articles from researchers working in the area of soft robots and produce a collection of at least 10 papers that may be printed in book form (if the desired number of papers is reached). In this Special Issue, Original Research, Review, and Perspective articles are welcome. Related content may include (but is not limited to) the following: the construction materials of soft robots, the fabrication methods of soft robots, the deformation strategies of soft robots, the multifunctional integration of soft robots, the controlling methods of soft robots, and the applications of soft robots.

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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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