

Special Issue

Recent Advances and Future Trends in Flexible Robots

Message from the Guest Editors

Flexible robots have been widely used in fields such as ultra-precision manipulation and fabrication, micro/nano characterization, and biomedical engineering. Flexure-based mechanisms, flexible robots, soft robots, and their applications are hotspots in academia and industry. Precision motion and force sensing are very important for flexible robots. Meanwhile, there are still some challenges in terms of the design and modeling, actuation and sensing method, and control strategy. Accordingly, this Special Issue seeks to show research papers, communications, and review articles that focus on the latest results and findings in flexible robots and systems, sensors for flexible systems, soft robot systems, and their applications.

Guest Editors

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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