



Actuators and Robots for Biomedical Applications

Guest Editors:

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is intended to bring together a collection of scholarly research articles that deal with actuators and robots, emphasizing studies related to applications directed to human biology, with a focus on medicine. We invite papers that deal with research into the design, control, and biomedical application of modern robots and all types of actuators and actuation technologies, actuator control systems, and their biomedical applications. These robots could yield significant positive impacts, but they also carry the potential to cause negative impacts. Therefore, these impacts should be considered and discussed from the perspectives of not only technical solutions but also relevant safety issues, law, ethics, psychology, and philosophy. We especially welcome the submission of articles with topics such as object manipulation, miniaturization, navigation, and deep learning that arise in developing the makeup of modern robots as well as experimental components.

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