

Special Issue

Climbing Robots: Scaling Walls with Precision and Efficiency

Message from the Guest Editors

The development of climbing robots has become increasingly relevant as we seek innovative solutions for applications in inspection, maintenance, rescue operations, and the exploration of complex or hazardous environments. The challenges involved in designing robots that can scale vertical surfaces with precision, efficiency, and robustness are immense, encompassing disciplines from robotics and material science to intelligent perception and control systems. This Special Issue, "Climbing Robots: Scaling Walls with Precision and Efficiency", invites original research and review articles that explore new concepts, methodologies, and technologies in the field of climbing robots.

Guest Editors

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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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