Special Issue

Soft Robotics: Fabrication, Actuation and Application

Message from the Guest Editor

Soft robotics is a subfield of robotics that concerns the design, control, and fabrication of robots composed of compliant materials, instead of rigid links. Soft robotics has been a subject of increasing interest and development in recent years. The goal within this field is the design and construction of robots with physically flexible bodies and electronics. A popular manufacturing process called soft lithographic molding, which relies on casting elastomer in molds obtained by soft lithography or 3D printing, is often employed for manufacturing of soft robots. This Special Issue intends to draw attention to the newest advances in soft robotics, including soft sensors, soft actuators along with power generator, soft controllers, and soft mechanisms.

Guest Editor

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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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