

Special Issue

Soft Material Transducers

Message from the Guest Editor

In recent years, soft materials have shown an impressive development with remarkable applications in soft robots and wearable systems. They need reliable sensing and actuation mechanisms in order to act as smoothly as biological systems. In particular, such systems require soft tactile sensing and proprioceptive actuation for achieving safe interaction with the environment and/or the human body. However, the development of soft material transducers still present several challenges, in particular regarding: design and modelling, fabrication techniques, integration of sensing and actuation, low computational signal processing, smooth control. This Special Issue solicits papers that cover recent developments, demonstrations, and applications for soft material transducers and the enabling design methods and technologies.

Guest Editor

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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.

Editor-in-Chief

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