



3D Printable Soft Robotics and Soft Actuators

Guest Editor:

Dr. Amir Hosein Sakhaei

School of Engineering and Digital
Arts, University of Kent,
Canterbury, CT2 7NT, UK

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Message from the Guest Editor

Dear Colleagues,

Initially inspired by soft biological systems in nature, soft robots are attracting attention due to their flexibility and integration to human interfaces. Soft robotic research has expanded in recent years due to the significant progress in additive manufacturing technologies and soft functional materials. The novel 3D printing methods facilitate fabrications of customized functional materials as well as soft complex structures, such as soft sensors and actuators.

This Special Issue invites all original research articles, review papers, and short communications addressing the latest advances in the field of 3D printable soft robotics and soft actuators. This includes but is not limited to 3D printing of soft and functional materials, smart materials, 4D printing, soft composite synthesis, experimental characterization, 3D printing development, computational material modeling, optimization and design, manufacturing, and applications.

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