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3D Printed Soft and Musculoskeletal Actuators, 2nd Edition

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editor

Dear Colleagues,

Motivated by the success of the Special Issue “3D-Printed Actuators”, we are pleased to announce that we are launching Volume II titled “3D-Printed Soft and Musculoskeletal Actuators”. Volume II will focus on contemporary applications, innovative theories, and challenges related to assessing and exploiting the nonlinear behaviors of soft and musculoskeletal actuators. The objective is to highlight the latest scientific discoveries and potential engineering applications for soft and musculoskeletal actuators in the following key areas: design optimization for dynamic performance, efficient modeling, advances in additive manufacturing, and reliability assessment. To this end, multidisciplinary manuscripts from different scientific branches of materials, engineering, physics, mathematics, biology, and medicine are highly encouraged. Topics of interest include but are not limited to actuation for nature-inspired robots, aerial and ground vehicles, prosthetics, and medical devices.

We invite scientists and engineers to submit their studies and findings for publication in this Special Issue.



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Special Issue



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Message from the Editor-in-Chief

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