

## Special Issue

# 3D Printed Soft and Musculoskeletal Actuators, 2nd Edition

### Message from the Guest Editor

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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### Guest Editor

Dr. Ed Habtour

William E. Boeing Department of Aeronautics & Astronautics, University of Washington, Box 352400, Seattle, WA 98195-2400, USA

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### Deadline for manuscript submissions

closed (31 January 2024)



## Micromachines

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## About the Journal

### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Ai-Qun Liu

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