

Special Issue

Applications of Emerging Biomedical Devices and Systems

Message from the Guest Editors

This Special Issue on biomedical devices and systems welcomes the submission of recent research work in this promising area of health technologies. The call is open to a broad range of papers, covering applications of medical devices in wearables, smart textiles, wearable antennae, wearable communication systems, sensors, orthoses, exoskeletons, and research trends that promote the adoption of wearable systems in the health care sector and inspire research and development in the field. Recommended topics include, but are not limited to, the following:

- Wearable devices for monitoring;
- Smart textiles;
- Wearable sensors;
- Smart devices;
- Electronic textiles ;
- Wearable haptics;
- Hand rehabilitation;
- Hand orthoses;
- Robotic systems for orthopaedic treatments;
- Robotic devices for rehabilitation;
- Rehabilitation robotics;
- Wearable soft robotics;
- Assistive exoskeletons;
- Enhancive exoskeletons;
- Inclusive robotics;
- Assistive technologies;
- Medical devices and systems with 5G and 6G communication;
- Wireless systems;
- Healthcare connectivity;
- Remote patient monitoring;
- Wireless body area networks (WBANs).

Guest Editors

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About the Journal

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.

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