



## E-Skin Sensors

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Deadline for manuscript  
submissions:

**closed (30 October 2019)**

### Message from the Guest Editors

Dear Colleagues,

The human skin is the largest organ of the human body and mainly fulfils three functions: protecting the body from external aggressors, the thermoregulatory exchange of heat and moisture with the environment, as well as sensing. It contains mechanical and thermal sensors which register touch, pressure or temperature. Advances in materials science and electronics have allowed the development of electronic skin sensor arrays that are flexible and stretchable, but also robust in order to mimic as closely as possible the properties of the human skin. Such sensors need a high resolution and fast response time, and find their applications in robotics, prosthetics or health monitoring.

We invite manuscripts for this Special Issue on all aspects of electronic skin sensors: development of flexible sensors and sensors arrays, integration with flexible circuits for signal processing and combination with wireless technology for data transfer.

- Flexible sensors
- Polymer-based sensors
- Stimuli-responsive polymers
- Soft robotics
- Health monitoring





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## Message from the Editor-in-Chief

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