



Wearable Sensors Applied in Artificial Perception

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Message from the Guest Editors

The development of wearable electronics and artificial sensing have drawn strong interest over the last decade years. Wearable electronics provide intelligent assistance for people on augmenting energy, memory, communication and sensing. Wearable sensors, a part of wearable electronics, expand people's perception ability in a lightweight, convenient and fashionable way. Many different types of sensors have been applied in wearable electronics to sense the internal physiological state of the human body, epidermal skin state and external environment information. However, existing commercial wearable sensors are bulky integrated with watch, ring, glass and necklace. Beside comfortable and unobtrusive to wear, wearable sensors are required to be robust, small, high performance and power efficiency. This special issue is dedicated to state-of-the-art research that is focused on wearable sensors applied in artificial perception, including optics, smell, touch, taste and auditory perception. Papers describing novel flexible sensing materials, sensing mechanisms, sensing signal processing, practical wearable sensor technology and applications are of interest.





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Message from the Editor-in-Chief

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