Special Issue

Advances in Sensor-Based Biometric Recognition

Message from the Guest Editors

Biometric recognition based on physical attributes, e.g., fingerprints, facial images, iris, gait, palm prints, and voice, is a fundamental task in computer vision and pattern recognition. Recently, significant progress has been made to boost the accuracy of biometric recognition due to the fast development of biometric sensors, e.g., optical, capacitive, ultrasonic, thermal, and pressure sensors. This Special Issue aims to solicit original research from both industry and academia on recent advances, solutions, applications, and new challenges in the field of sensor-based biometric recognition. The topics of interest include (but are not limited to) the following areas: Challenges in sensor-based biometric recognition
Robust capturing systems for biometric recognition
Multi-sensor feature fusion for biometric recognition
Novel benchmarks for biometric recognition
Generalizable capturing system for sensor-based biometric recognition
Multi-modal biometric recognition
Sensors in mobile devices for biometric recognition
Non-contact sensor-based biometric recognition
Surveys/reviews for sensor-based biometric recognition

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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