Special Issue

Sensors for Pattern Recognition and Computer Vision

Message from the Guest Editor

This Special Issue, entitled "Sensors for Pattern Recognition and Computer Vision", collates original peer reviewed papers in the field of advanced sensors for pattern recognition and computer vision. This Special Issue aims to explore various topics related to the use of sensors and the data they generate, both in pattern recognition and specifically in computer vision problems. For instance, we welcome papers addressing innovations in image capture devices or image sequence capture in their different forms: 2D, 3D, visible light, infrared, ultraviolet, X-rays, MRI, and more. Papers presenting new image datasets obtained from innovative types of sensors, accompanied by descriptions of these sensors and the applications that process them, are also welcome to be submitted. Papers that describe pattern recognition or computer vision applications incorporating sensors in novel ways are also of interest. Additionally, papers discussing novel algorithms or models to enhance data captured by existing sensors, applied to pattern recognition problems in general or computer vision in particular, are encouraged.

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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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