

Special Issue

Artificial Intelligence in Medical Imaging and Visual Sensing

Message from the Guest Editors

Sensors welcomes submissions to this Special Issue on “Visual Sensing Technique and Its Medical Applications”. The term “visual sensor” denotes a sensor, which, similar to the human eye, captures at least a two-dimensional image of the object being measured. The intensity distribution of this optical image is detected and evaluated by a sensor. A wide variety of visual systems can be found, from the classical monocular systems to omnidirectional, RGB-D, laser-structured light vision systems, and more sophisticated 3D systems. Every visual sensing technique has specific characteristics that make them useful to solve different problems. Their range of applications is wide and varied. This Special Issue will present some of the possibilities that visual sensing techniques offer, focusing on the different configurations that can be used and novel applications in medical applications. Furthermore, scholarly reviews by established researchers presenting a deep analysis of a specific problem of visual sensing sensors and systems with biomedical focus would also be appropriate.

Guest Editors

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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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