

Special Issue

Pattern Recognition Applications in Medical Image Analysis

Message from the Guest Editor

Medical image analysis has seen significant advancements through the integration of pattern recognition techniques, leading to improvements in diagnostic accuracy, treatment planning, and patient outcomes. This Special Issue aims to explore the latest research, methodologies, and applications of pattern recognition in the medical imaging domain. By leveraging machine learning, deep learning, and advanced algorithms, researchers who are developing innovative solutions to interpret complex medical images more effectively are invited to submit their works. Contributions are invited on topics including but not limited to the detection of anomalies, segmentation, classification, and the integration of multi-modal imaging data. This Special Issue seeks to provide a comprehensive overview of current trends and future directions in the field of medical imaging and sensor technology. Keywords:

- Anomaly detection
- Computational intelligence
- Deep learning, Machine learning
- Diagnostic imaging, Medical image analysis
- Image segmentation, Pattern recognition
- Medical sensors
- Multi-modal imaging

Guest Editor

Dr. Ines Domingues

Polytechnic Institute of Coimbra, Coimbra Institute of Engineering, Rua Pedro Nunes-Quinta da Nora, 3030-199 Coimbra, Portugal

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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