

Special Issue

Medical Image Segmentation: Role in Diagnostics, Prognostics and Decision Making

Message from the Guest Editors

This Special Issue focuses on novel segmentation methods devised using artificial intelligence (AI) in various imaging modalities, such as X-ray, computed tomography (CT), positron emission tomography (PET), ultrasound, MRI, histopathological H&E WSIs, and immunohistochemistry WSIs that help clinicians, radiologists and pathologists in diagnosis, prognosis, and decision making in a clinical setting.

- Sensor applications
- Imaging sensors
- Sensor data processing
- Camera sensors
- Thermal imaging sensors
- Image segmentation
- Radiology
- Histopathology
- Cancer diagnosis
- Medical images
- Machine learning
- Deep learning
- Artificial intelligence
- Explainable AI models
- Decision making

Guest Editors

Dr. Farhan Akram

Department of Pathology and Clinical Bioinformatics, Erasmus Medical Center, 3015 GD Rotterdam, The Netherlands

Dr. Vivek Kumar Singh

Tissue Hybridisation & Digital Pathology, Precision Medicine Centre of Excellence, Queen's University Belfast, Northern Ireland, 97 Lisburn Rd., Belfast BT9 7AE, UK

Deadline for manuscript submissions

closed (10 March 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/153589

Sensors

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

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)