

Special Issue

Artificial Intelligence-Based Applications in Medical Imaging

Message from the Guest Editors

This Special Issue will focus on AI-based solutions and applications developed to meet the challenges of medical image processing, analysis and classification. We welcome submissions of original research articles, case studies, and critical reviews on a wide range of topics including, but not limited to: 2D/3D/4D image segmentation using deep learning; Artificial Intelligence solutions for the analysis of X-ray images; AI-based detection and classification of knee diseases; Biometric recognition system using deep learning; AI-based reconstruction, segmentation, registration, and classification of MRI images; Artificial Intelligence in lung tumor/cancer imaging diagnoses; AI applications in molecular imaging and nuclear medicine; AI models for imaging diagnosis; AI-aided diagnosis for liver tumors in ultrasonography; Breast imaging studies using Artificial Intelligence; AI-based automated detection of particles in 2D and 3D images.

Guest Editors

Dr. Steven Su

Dr. Qian Peter Su

Dr. Ahmadreza Argha

Deadline for manuscript submissions

closed (15 April 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/85155

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)