Special Issue

Recent Advances in Medical Image Processing Technologies

Message from the Guest Editors

The purpose of this Special Issue is to introduce the current developments in medical imaging exploiting artificial intelligence (AI) and other techniques. The categorization and analysis of biomedical images is extremely time-consuming in both clinical and research settings. Recent advances in artificial intelligence (AI) and medical imaging have allowed the deployment of novel methods to automatically analyze large quantities of data. The exploitation of these novel techniques brings the possibility of multiple different applications. Potential contributions to this Special Issue should focus on any application of AI methods to the processing and analysis of clinical data such as patient clinical history, images or videos, with the clear goal of aiding clinicians in improving current clinical care. We look forward to receiving your contributions.

Guest Editors

Dr. Elisenda Bonet

1. BCNatal Fetal Medicine Researcher Center, Hospitals Clinic and Sant Joan de Déu, University of Barcelona, 08193 Barcelona, Spain
2. Escola Tècnica Superior d'Enginyeria de Telecomunicació de Barcelona (ETSETB), Universitat Politecnica de Catalunya-BarcelonaTech, 08034 Barcelona, Spain

Dr. Xavier Paolo Burgos-Artizzu

1. CSO at Transmural Biotech, 08820 Barcelona, Spain
2. Scientist at BCNatal Fetal Medicine Reasearch Center (Hospital Clínic and Hospital Sant Joan de Déu), 08193 Barcelona, Spain

Deadline for manuscript submissions

closed (31 March 2022)

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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)