







an Open Access Journal by MDPI

Al and Big Data Analytics for Medical E-Diagnosis

Guest Editors:

Dr. Simon Fong

Department of Computer and Information Science, University of Macau, Room 4023, E11, FST Building, Taipa, Macau 999078, China

Prof. Dr. Sabah Mohammed

Department of Computer Science, Lakehead University, ATAC 5013, 955 Oliver Road, Thunder Bay, ON P7B 5E1, Canada

Prof. Dr. Victor Chang

Department of Operations and Information Management, Aston Business School, Aston University, Birmingham B4 7ET, UK

Deadline for manuscript submissions:

31 March 2025

Message from the Guest Editors

This Special Issue will explore the challenges and opportunities in AI and big data analytics for medical ediagnosis, with a focus on the role of sensors in providing real-time data to improve diagnostic accuracy. We invite researchers worldwide to contribute their work, aiming to address current challenges and unlock the full potential of AI-enhanced e-diagnosis. The high-quality submissions we have received underscore a strong international interest in advancing this crucial area of healthcare.

Keywords

- Al-driven medical diagnostics
- big data analytics in healthcare
- sensor-based e-diagnosis
- healthcare data integration
- real-time diagnostic systems













an Open Access Journal by MDPI

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

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.

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)

Contact Us