

Special Issue

Data Analytics in Smart Healthcare

Message from the Guest Editors

Health is wealth. The world is looking for more and more data analytics in healthcare to relieve medical problems in medical staff shortage, ageing population, people living alone and quality of life. There have been various research challenges and opportunities that lead to tremendous research publication in healthcare in recent decades. This special issue aims to consolidate recent advances in data analytics for healthcare, research in theory and applications. Pilot studies in healthcare are especially welcome. Topics of interest for the special issue include (but are not limited to)

- Descriptive analytics
- Diagnostic analytics (e.g. ischaemic heart diseases, stroke, diabetes mellitus)
- Predictive analytics
- Prescriptive analytics
- Text analytics
- Artificial intelligence applications in healthcare
- Data mining
- Big data analysis
- Optimization algorithms in healthcare
- Missing biomedical data handling
- Biomedical image/signal (pre)processing techniques for healthcare applications
- Sensor data quality and reliability
- Feature extraction in healthcare applications
- Cloud computing
- Complex network analysis
- Data security

Guest Editors

Prof. Dr. Miltiadis D. Lytras

Dr. Kwok Tai Chui

Prof. Dr. Anna Visvizi

Deadline for manuscript submissions

closed (15 February 2019)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/14238

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

mdpi.com/journal/

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)