

## Special Issue

# Intelligent Medicine and Health Care

### Message from the Guest Editors

We are entering an era in which multidimensional and big data play large roles in developing applications for medicine and health care. The Special Issue aims to collect recent research on emerging interdisciplinary methods/techniques/systems for intelligent medicine and health care. Potential topics include, but are not limited, to the following:

- E-healthcare;
- Artificial intelligence and machine learning for medicine and health care;
- Electrophysiological or image processing methods for medicine and health care;
- Nonlinear dynamics and chaos in health and diseases;
- Human-centric computer interfaces for health-related environments;
- Security and privacy models for medical and healthcare systems;
- Interoperability of heterogeneous network and software technologies for medical and healthcare systems;
- Smart sensors and wearable devices for medical and healthcare systems;
- Health data analytics and personalized models in medical and healthcare environments;
- Neuromodulation and decoding for medical and healthcare systems.

Prof. Dr. Chien-Hung Yeh

---

### Guest Editors

Prof. Dr. Chien-Hung Yeh

Prof. Dr. Xiaojuan Ban

Prof. Dr. Men-Tzung Lo

Dr. Wenbin Shi

Dr. Shenghong He

---

### Deadline for manuscript submissions

closed (31 December 2023)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/141650](https://mdpi.com/si/141650)

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

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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