

# Special Issue

## Advances in Biomedical Signal Processing in Health Care

### Message from the Guest Editors

The focus of this Special Issue is on the latest advances made in nitride chemistry. These advances cover novel synthetic techniques, structure and property determination, and possible applications in all fields of chemistry, physics and beyond. **Keywords**

- Multiparametric biomedical sensors
- Feature extraction
- Neural applications
- Acoustic signal processing
- Decision support system
- Edge computing.

---

### Guest Editors

Prof. Dr. Dimitrios Dionisios Koutsouris

Division of Information Transmission Systems and Material Technology,  
National Technical University of Athens, 10682 Athens, Greece

Dr. Athanasios Anastasiou

Biomedical Engineering Laboratory, School of Electrical Engineering,  
National Technical University of Athens, 10682 Athens, Greece

---

### Deadline for manuscript submissions

closed (10 May 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/69226](https://mdpi.com/si/69226)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto: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 5.5



[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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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