

## Special Issue

# Radiation Studies and Characterization Processes of Materials Used in Electronic Applications

### Message from the Guest Editors

The scope of the Issue is the development and application of theoretical, computational and experimental physics to medicine, physiology and biology. The Issue covers all fields for the peaceful utilization of radiation and nuclear energy as follows: Materials science

- Bioactive materials
- Radiation dosimetry;
- Radiation protection;
- Radiation application;
- Nuclear safety;
- Nanoparticles in imaging and therapy;
- Therapy physics including ionizing and non-ionizing radiation;
- Radiobiology;
- Experimental and computational ionizing and non-ionizing dosimetry including instrumentation and algorithm development;
- Biomedical engineering;
- Radiation and system biology;
- Artificial intelligence in medical physics.

### Guest Editors

Dr. Hesham MH Zakaly

Dr. Yasser Rammah

Prof. Dr. Shams A.M. Issa

Dr. Huseyin Ozan Tekin

### Deadline for manuscript submissions

closed (30 November 2022)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 5.3



[mdpi.com/si/118405](https://mdpi.com/si/118405)

*Electronics*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.3



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



## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /  
SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and  
Systems Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.4 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the second half of 2024).