

## Special Issue

# Wearable Monitoring Devices

### Message from the Guest Editor

With the rise of portable devices for consumers, research in wearable devices for physiological monitoring of humans and animal models has increased immensely. While heart rate sensors have matured in the consumer market, other types of sensors, such as glucose, lactate, alcohol, sweat, and other biological markers or fluids, have been explored in the context of sensing technologies, advanced materials, fabrication methods, and device implementation, including but not limited to electronics, power generation, and communication protocols. This issue will focus on all aspects of wearable monitoring devices. Topics of interest include but are not limited to the following:

- Low-power sensors electronics;
- Sensing of biomarkers or biofluids;
- Wearable devices;
- Novel monitoring techniques;
- Sensor design and fabrication.

---

### Guest Editor

Dr. Tolga Kaya

School of Computer Science and Engineering, Sacred Heart University,  
Fairfield, CT 06825, USA

---

### Deadline for manuscript submissions

closed (31 January 2020)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/29704](https://mdpi.com/si/29704)

*Electronics*  
Editorial Office  
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 6.1



[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 guestedited 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 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.8 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the first half of 2025).