Special Issue

Flexible Devices and Optoelectronics Technologies

Message from the Guest Editors

Realizing materials innovations for function integration of flexible devices and optoelectronic technologies remains a challenge in the next generation of soft implements, which are highly desirable for wearable applications, health monitoring coupled with intelligent life, and smart dimmers as well as light controls. Flexible devices and optoelectronic technologies widely comprise the application of functional materials in terms of mechanics, photology, electricity, and thermology, such as the devices of energy harvesters, sensors, actuators, field-effect transistors, memory devices, batteries, smart windows, light-emitting devices, touch panels, and displays. A variety and soft forms of these devices are naturally emerging, with their extraordinary capabilities endowed by ingenuity in materials, designs, system integration, and smart control. We look forward to your contributions to this Special Issue. Keywords:

- flexible and stretchable devices
- optoelectronic devices
- wearable technologies
- soft robotics
- sensors/actuators/nanogenerators
- electroluminescence
- electrochromics
- thermal management

Guest Editors

Prof. Dr. Jiaqing Xiong

Prof. Dr. Jiangxin Wang

Prof. Dr. Haizeng Li

Deadline for manuscript submissions

closed (31 October 2022)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 5.3

mdpi.com/si/92582

Electronics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 5.3

mdpi.com/journal/electronics

MDPI

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).