

Special Issue

Flexible Antenna for Microwave Application

Message from the Guest Editors

Flexible antennas are growing exponentially due to the demand for wearable technologies, Internet of Things (IoT) frameworks, point-of-care devices, custom medical platforms, 5G technology, wireless sensor networks, and small-form factor communications devices. To name a few, field. The choice of a non-rigid antenna is application-specific and depends on the type of substrate, materials used, processing methods, antenna performance and environmental factors. Numerous design advancements, novel materials and their qualities, innovative production techniques, and specialized applications exist. The demand for wearable and implantable devices for health monitoring systems and everyday wireless devices is one of the factors driving the rapid growth of the flexible wireless device market (e.g., cell phones, laptop computers, wearables, etc.). This has led to an upsurge in the development of flexible antennas in recent years, particularly for biomedical applications.

Guest Editors

Prof. Dr. Dalia Nashaat

Microstrip Department, Electronics Research Institute, Nozha, Cairo 11843, Egypt

Dr. Angie Reda Eldamak

Electronics & Communications Engineering Department, Faculty of Engineering, Ain Shams University, Cairo, 11517, Egypt

Deadline for manuscript submissions

closed (15 April 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/167032

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 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 (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).