

Special Issue

Advances in Electromagnetic-Based Devices and Systems for Biomedical Applications: From Diagnostic to Therapeutics

Message from the Guest Editors

This Special Issue invites researchers to contribute with original research articles as well as review articles, which focus on the advances in the analysis, design, development, and implementation of antennas for biomedical applications, including sensing, bio-monitoring, therapeutics, such as ablation or hyperthermia, and diagnostics, such as microwave or millimeter-wave imaging. Topics of interest include but not limited to:

- body-worn antennas
- flexible antennas
- textile antennas
- advanced techniques for numerical modeling
- dosimetry
- multiphysic simulations
- treatment planning
- manufacturing with innovative methods (e.g., 3D printing)
- in-body and on-body communication
- body channel
- design, simulation and characterization of RF and MW ablation applicator
- antennas for hyperthermia treatment
- monitoring
- microwave and millimeter-wave imaging

Guest Editors

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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

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