Special Issue

Microwaves for Biomedical Applications and Sensing

Message from the Guest Editors

Microwaves are increasingly used in biomedical applications, both in diagnostic as well as therapeutic applications. Examples of developed techniques are radar-based approaches to detect respiratory activity, or microwave imaging techniques to detect strokes, as well as hyperthermia and thermal ablation techniques. Additionally, home-care applications rely on wireless sensors, as well as RFid developments. The Special Issue will include the most up-to-date research on the use of microwave techniques in biomedical applications, including, but not limited to, the following:

- Electromagnetic diagnostics;
- Advancements in therapeutic techniques;
- Dielectric characterization of biological materials;
- Electromagnetic interactions with biological media;
- Microwave sensors;
- Theranostic applications;
- Bio-radar.

Both numerical and experimental studies are welcome.

Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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