



Recent Advancements in Miniaturized Microwave Sensors and Systems

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to collect and publish studies in the fields of miniaturized microwave sensors and integrated systems, novel modeling technologies and theories related to the microwave properties of materials and devices, original scientific research on their fabrication and performances with experimental and theoretical analysis, and data processing techniques used to characterize the different materials. Potential topics include but are not limited to the following:

- Microfluidic and digital microfluidic RF and microwave devices;
- New fabrication and optimization techniques for miniaturized devices and systems;
- Miniaturized-device-performance studies combining theoretical and experimental aspects;
- Flexible microwave sensors and their properties;
- Wireless microwave devices for sensing;
- Characterization theories of biological and innovative (2D and nano-) materials;
- Mathematical and computational analyses of complex materials;
- System-on-chip design and system approaches for material characterization;
- Emerging, new fabrication materials and techniques for sensing applications.





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Message from the Editor-in-Chief

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