

Special Issue

Metamaterials for Near-Field Microwaves Sensing

Message from the Guest Editors

This Special Issue is intended to provide a holistic perspective, as much as possible, on the concept of designing metamaterials or metamaterial particles for microwaves near-field sensing and detection.

Contributions are encouraged from academics and industrialists whose work is related to this subject.

Authors are specifically encouraged to be explicit in their narratives describing their philosophy and design procedure rather than focusing largely on results.

Keywords

- Microwaves
- Near-field sensing
- Metamaterials
- Split-ring resonators
- Antennas
- Material characterization
- Surface detection
- Sub-surface detection

Guest Editors

Prof. Dr. Omar M. Ramahi

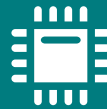
Electrical and Computer Engineering Department, University of Waterloo, Waterloo, ON N2L 3G1, Canada

Prof. Dr. Vahid Nayyeri

School of Advanced Technology, Iran University of Science and Technology, Tehran, Iran

Deadline for manuscript submissions

closed (31 March 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/26150

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)