



sensors



an Open Access Journal by MDPI

Novel Raman-Based Spectroscopic Techniques for Bio and Chemical Sensing Application

Guest Editors:

Dr. Carlo Morasso

Istituti Clinici Scientifici Maugeri
IRCCS, 27100 Pavia, Italy

**Prof. Dr. Chandrabhas
Narayana**

Rajiv Gandhi Centre for
Biotechnology, Thycaud P O,
Thiruvananthapuram, India

Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue intends to cover the latest developments in using Raman spectroscopy to explore samples' chemical composition or detect elusive analytes by looking at new applications and new technologies.

Potential topics of interest for this Special Issue include, but are not limited to:

- Raman spectroscopy in bio-medicine;
- Raman spectroscopy in food safety;
- Raman spectroscopy in the pharmaceutical industry;
- Raman spectroscopy for the analysis of carbon materials (graphene and others);
- Surface Enhanced Raman Spectroscopy (SERS);
- SERS sensors;
- New materials for SERS analysis;
- SERS detection of diseases.



mdpi.com/si/138592

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)