

Special Issue

Contribution of Raman Spectroscopy in Nanosciences and Nanotechnologies

Message from the Guest Editor

Dear colleagues, This Special Issue aims to depict the state of the art and to outline possible future scenarios in the field of the characterization of nanomaterials by Raman spectroscopy, providing important insights into novel experimental configurations that are opening the way to its extended use. Contributions from all researchers (material scientists, chemists, physicists, engineers, etc.) on the following topics are welcome.

Keywords

- Surface-enhanced Raman spectroscopy
- Tip-enhanced Raman spectroscopy
- Resonant Raman spectroscopy
- Raman mapping
- Lattice defects
- Tensional states
- Crystalline phases
- Interactions in composite nanomaterials
- Raman spectroscopy in the nanosciences and nanotechnologies
- Use of Raman spectroscopy in novel fields

Guest Editor

Prof. Dr. Saveria Santangelo

Department of Civil, Energy, Environmental and Materials Engineering (DICEAM), Mediterranean University of Reggio Calabria, 89122 Reggio Calabria, Italy

Deadline for manuscript submissions

closed (15 November 2019)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/25995

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

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)