

Special Issue

Application of Spectroscopy in Chemistry

Message from the Guest Editors

This Special Issue of MDPI's *Applied Sciences* deals with applications of spectroscopy in chemistry. The topic includes chemical and biological threats (CBTs), environmental applications of near-infrared spectroscopy (NIR), Raman scattering (RS), quantum cascade laser spectroscopy (QCLS), chemical and biological sensors (CBSs), mid-infrared spectroscopy (MIR), Fourier transform infrared spectroscopy (FTIR), the spectroscopic detection of pesticides, herbicides, persistent organic pollutants (POPs), per- and polyfluoroalkyl substances (PFASs), perfluorooctane sulfonic acids (PFOSs), and micro/nanoplastics. We highly encourage the submission of “state-of-the-art” and novel applications of spectroscopy.

Guest Editors

Prof. Dr. Samuel P. Hernandez

Prof. Dr. Leonardo C. Pacheco-Londoño

Dr. Jose A. Centeno

Deadline for manuscript submissions

31 October 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/234140

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

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





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)