

Special Issue

Novel Spectroscopy Applications in Food Detection

Message from the Guest Editor

This Special Issue aims at gathering prominent scientific works focused on the development of novel Raman-based approaches for rapid detection of analytes in a wide range of research areas, from food safety and traceability to biomedical application and nanotechnologies. We expect contributions concerning RS and its various declinations, such as surface-enhanced Raman (SERS), tip-enhanced Raman (TERS), hyper-Raman, coherent anti-stokes Raman (CARS), and stimulated Raman (SRS). Manuscripts aimed at these goals will be considered for publication.

Keywords

Raman spectroscopy
SERS
TERS
chemical analysis
food analysis
biochemical analysis
novel devices
in situ analysis
real-time detection
nanotechnology

Guest Editor

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Deadline for manuscript submissions

closed (10 March 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/48490

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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.

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