



THz Spectroscopy Method for Substance Detection and Its Identification

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Deadline for manuscript
submissions:

closed (20 December 2021)

Message from the Guest Editor

Dear Colleagues,

It is a great pleasure, and an honor, to present this Special Issue of *Applied Sciences*.

The THz band of frequencies is attracting increased interest from the military, security, and medical fields mainly due to the THz signatures. The spectral signatures of threats have become well known to exploit them for security screening purposes. Using machine recognition techniques increases the threat recognition rate. There are some demonstrations of successful applications of THz TDS for food quality control as well as oil quality control. Further developing THz TDS methods allows enhancing the efficiency of the detection and identification of the substance and extending of THz spectroscopy application field.

You are cordially invited to submit **your original research or review papers** to this Special Issue. All papers need to present original, previously-unpublished work and will be subject to the normal standards and peer-review processes of this journal.

Prof. Vyacheslav A. Trofimov
Guest Editor





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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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