Special Issue

Quartz-Enhanced Photoacoustic and Photothermal Spectroscopy

Message from the Guest Editors

The present Special Issue was conceived with the aim of collecting and connecting all the provided contributions, works and analysis that are currently pushing quartz-enhanced photacoustic and phototermal spectroscopy to the state of art. The topics of focus will embrace the new generation of custom resonators, novel experimental approaches, smart solutions to real-world challenges, as well as theoretically-oriented issues, such as simulation of QTF vibrational dynamics, analysis of broadband absorbers, the effects of gas matrix changes, and gas relaxation dynamics.

- Quartz-enhanced photoacoustic spectroscopy
- Quartz-enhanced photothermal spectroscopy
- Quartz tuning forks
- Trace gas detection
- In-situ real-time applications

Guest Editors

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Deadline for manuscript submissions

closed (5 July 2020)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/23361

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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.

Editor-in-Chief

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