



Novel Analysis Techniques for Agri-Food Quality

Guest Editors:

Dr. Alessio Tugnolo

Dr. Roberto Beghi

Dr. Valentina Giovenzana

Dr. Hugo M. Oliveira

Deadline for manuscript
submissions:

closed (31 May 2024)

Message from the Guest Editors

There is a growing interest and a need of innovation also in the agri-food system (from pre-and post-harvest) through the development of new interconnected sensors (IoT). Moreover, pre-and post-harvest management practices are critical factors to face the environmental and economic challenges arising from climate change, shortages of labour, and production costs escalation that affect the worldwide agri-food production. However, such technological revolution is driving the development of smart strategies to support the producers for the qualitative monitoring and decision-making process. Among the technological toolbox already used, optical technologies are among the most suitable ones to address the current needs in terms of quality and quantity of information and sustainability. Therefore, the aim of this Special Issue is to collect studies focused on agrifood new green non-invasive sensing techniques, with particular attention to automation and integration in field and/or real scale plant.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
appls@mdpi.com
[X@Appls](https://twitter.com/appls)