Special Issue

Advances in Agricultural Food and Pharmaceutical Analysis

Message from the Guest Editors

The aim of this Special Issue is to collect papers on recent advances in methods and techniques for the analysis of the properties, composition, and structure of the materials used in agricultural, food, and pharmaceutical technologies. Most of these materials are either initially in a dispersed state or must be dispersed, so the characterization of dispersal systems, primarily colloid and complex fluids, is highly needed in the related branches of technology. Such characterization is carried out by optical methods (spectroscopies, scatterometry, dynamic light scattering, interferometry, microscopy, etc.) to a large extent. At the same time, aqueous and liquid solutions are involved in technological processes along with dispersions. It should be noted that in addition to optical methods, electrochemical methods, and acoustic methods, terahertz and dielectric spectroscopy, calorimetry, viscosimetry, and many other procedures are appropriate for the analysis of certain properties of materials. A key aspect of process analytical technology (PAT) is the use of advanced analytical techniques. Dr. Alexey Shkirin Dr. Leonid Chaikov

Guest Editors

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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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