Special Issue

Nonthermal and Advanced Food Processing Technologies: Industry 4.0 and Sustainability

Message from the Guest Editors

Research and review papers on the application of artificial intelligence (AI), deep learning, machine learning, cybersecurity and blockchain future application in nonthermal and advanced thermal processing will be highly welcomed. The idea of applying the aforementioned nonthermal and advanced thermal techniques is lower working temperatures, reduce energy consumption, lower carbon footprint, reduce water depletion and improve life cycle assessment parameters. Nonthermal and advanced thermal technologies can be applied also as sustainable techniques working in line with the sustainable development goals (SDG) and Agenda 2030 issued by United Nations (UN).

- nonthermal techniques
- advanced thermal techniques
- industry 4.0
- digitalization
- internet of things (IoT)
- additive technologies (3D printing)
- sustainability
- artificial intelligence (AI), cybersecurity
- blockchain

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2021)

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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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