



Nonthermal and Advanced Food Processing Technologies: Industry 4.0 and Sustainability

Guest Editors:

Prof. Dr. Anet Režek Jambrak
arezek@pbf.hr

Prof. Dr. Farid Chemat
farid.chemat@univ-avignon.fr

Prof. Dr. Giovanna Ferrari
gferrari@unisa.it

Dr. Sanda Pleslić
sanda.pleslic@fer.hr

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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

