

## Special Issue

# Plasma Processing for Food, Agriculture, Environment, Medicine, and Technology

### Message from the Guest Editor

Plasma technology influences many science fields. Many biochemically active compounds that are formed during plasma treatment possess disinfecting properties, plasma technologies are quite effective in decontamination of chemical pollutants and limiting of microbial load. Low-temperature plasma treatment can improve plant germination and growth. Plasma treatment can enhance the biocompatibility of materials, improve tissue regeneration, and stimulate living organisms. Plasma is widely used for modifying and shaping the physical and chemical properties of various materials, engineering process for power technologies, solar energy, batteries, packaging, resurfacing, and printability can be greatly enhanced by plasma treatment steps. This Special Issue is aimed at publishing outstanding papers presenting plasma processing for food, agriculture, environment, medicine, and material engineering.

### Guest Editor

Prof. Dr. Joanna Pawłat

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### Deadline for manuscript submissions

closed (10 April 2021)



## Applied Sciences

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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