

## Special Issue

# Plasma Techniques in Agriculture, Biology and Food Production

### Message from the Guest Editors

Cold atmospheric pressure plasma has been actively applied in medicine and agriculture. Particularly, it is considered to be a promising tool for solving problems and improving processes in agriculture, the food industry, and other biological fields. Compared to medicine, the agriculture, food, and environmental fields are recently getting more attention in the application of plasma techniques.

We propose a Special Issue on the biological applications of cold atmospheric pressure plasma. The upcoming issue will focus on “Plasma Techniques in Agriculture, Biology and Food Production”. Medicine will not be the main focus of this Issue. Manuscripts are welcome that deal with the application of different kinds of plasma sources in pre- and postharvest processes with agriculture and food technology as well as in the biology field, such as environmental issues and biotechnology. Basic characterization, application case studies, plasma standardization, and elucidation of mechanisms can be handled in this Issue.

Dr. Henrike Brust

---

### Guest Editors

Prof. Dr. Gyungsoon Park

Department of Electrical and Biological Physics, Plasma Bioscience Research Center, Kwangwoon University, Seoul 01897, Korea

Dr. Henrike Brust

Leibniz Institute for Plasma Science and Technology (INP), Felix-Hausdorff-Straße 2, 17489 Greifswald, Germany

---

### Deadline for manuscript submissions

closed (31 March 2021)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/34565](https://mdpi.com/si/34565)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## 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.

---

### Editor-in-Chief

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

---

### 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )