

Special Issue

Applied High-Voltage Plasma Technologies in Agricultural Industry

Message from the Guest Editors

Innovative technologies with regard to food production are required to meet the emerging challenges of food safety in the complexities of the modern food supply chain. High-voltage and plasma applications in agricultural and food processing industries are a promising candidate for innovative technology which contributes to a sustainable food supply chain. To accelerate the progress of this new technology, sharing information related to high-voltage and plasma applications in agriculture and food processing is important. Please share your success stories from research in pulsed-power, high-voltage, and plasma regions in this Special Issue. Submissions on (but not limited to) the following topics are invited: 1) innovative and novel applications of high-voltage and plasma technology in agriculture; 2) pulsed-power generators and plasma devices for agricultural applications; 3) interaction between pulse-electric fields (or plasma) and metabolism of plants; 4) inactivation of pathogenic bacteria; and 5) maintaining the freshness of agricultural produce in the post-harvest phase.

Guest Editors

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Editor-in-Chief

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