

Special Issue

Application of Plasma and Pulsed Power Technology in Agriculture and Food Processing

Message from the Guest Editors

This Special Issue is mainly focused on following topics:

1) pulsed-power generators and plasma devices for agriculture and food processing; 2) innovative and novel applications of high-voltage and plasma in agriculture; 3) interactions between pulse-electric fields (or plasma) and metabolism of plants; 4) inactivation of pathogenic bacteria; and 5) maintaining the freshness of agricultural products. **Keywords**

- pulsed power
- plasma
- pulse electric field
- food processing
- enzyme activity control
- food preservation
- plant hormone control
- seed germination
- plant growth promotion
- bacteria inactivation

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