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# Non-thermal Plasma-Activated Water Inactivation of Food-Borne Pathogen on Fresh Produce

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*Graphical abstract*

## Highlights

- We propose a new approach to treat *S. aureus* inoculated on strawberries by PAW.
- PAW could inactivate *S. aureus* on strawberries via the Log Reduction results, further confirmed by CLSM and SEM.
- The short-lived ROS in PAW are considered the most important agents in inactivation process.
- No significant change was found in color, firmness and pH of the PAW treated strawberries.

## Abstract:

Non-thermal plasma has been widely considered to be an effective method for decontamination of foods. Recently,

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