

# TRENDS IN FOOD SCIENCE & TECHNOLOGY

## EDITORIAL

**Editorial** by Maria Cristina Nicoli, Monica Anese and Roberto Pinton 265

## PAPERS

**New 'solutions' for floating cultivation system of ready-to-eat salad:** 267  
**A review** by Nicola Tomasi, Roberto Pinton, Luisa Dalla Costa,  
Giovanni Cortella, Roberto Terzano, Tanja Mimmo, Matteo Scampicchio  
and Stefano Cesco

**Quantitative real-time PCR and high-resolution melting (HRM)** 277  
**analysis for strain-specific monitoring of fluorescent pseudomonads**  
**used as biocontrol agents against soil-borne pathogens of food**  
**crops** by Marta Martini, Serena Moruzzi, Paolo Ermacora, Nazia Loi  
and Giuseppe Firrao

**Efficient management of the water resource in the fresh-cut** 286  
**industry: Current status and perspectives** by Lara Manzocco,  
Alexandra Ignat, Monica Anese, Francesca Bot, Sonia Calligaris,  
Fabio Valoppi and Maria Cristina Nicoli

**Microbiome profiling in fresh-cut products** by Chiara Gorni, 295  
Donatella Allemand, Dario Rossi and Paola Mariani

- Innovative strategies based on the use of bio-control agents to improve the safety, shelf-life and quality of minimally processed fruits and vegetables** by Lorenzo Siroli, Francesca Patrignani, Diana I. Serrazanetti, Fausto Gardini and Rosalba Lanciotti 302
- Innovative strategies based on the use of essential oils and their components to improve safety, shelf-life and quality of minimally processed fruits and vegetables** by Francesca Patrignani, Lorenzo Siroli, Diana I. Serrazanetti, Fausto Gardini and Rosalba Lanciotti 311
- Modified atmosphere packaging for shelf life extension of fresh-cut apples** by Giovanna Cortellino, Serena Gobbi, Giulia Bianchi and Anna Rizzolo 320
- Optical techniques for rapid quality monitoring along minimally processed fruit and vegetable chain** by V. Giovenzana, R. Beghi, R. Civelli and R. Guidetti 331
- Consumer behavior in choice of minimally processed vegetables and implications for marketing strategies** by Sandro Sillani and Federico Nassivera 339