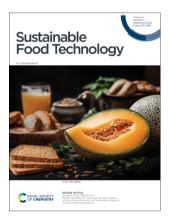
### Sustainable Food Technology

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#### Cover

See Guogiang Zhang, Zigian Li et al., pp. 1166-1182. Image reproduced by permission of Guoqiang Zhang from Sustainable. Food Technol., 2024, 2, 1166.

#### **EDITORIAL**

Outstanding Reviewers for Sustainable Food Technology in 2023



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Road to valorisation of melon seeds (Cucumis melo L.): a comprehensive review of nutritional profiles, biological activities, and food applications

Guoqiang Zhang,\* Ziqian Li,\* Litai Liu and Qisen Xiang





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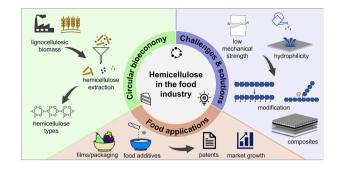


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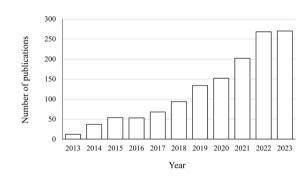
Sarah R. Mathura, Andrea C. Landázuri, Farrah Mathura, Ana Gabriela Andrade Sosa and Lourdes M. Orejuela-Escobar\*



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Complexation and conjugation between phenolic compounds and proteins: mechanisms, characterisation and applications as novel encapsulants

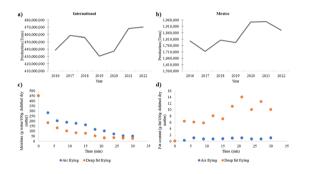
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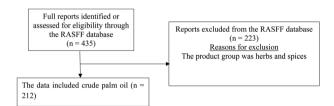
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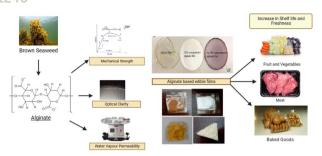
18 Year analysis of RASFF notifications on Sudan dye adulterated cases in palm oil (2004 to 2022) and the principles of the technique for its detection

Regina Nyorkeh, Ernest Teye,\* Edward Ken Essuman, Simon A. Haughey, Natasha Logan and Christopher T. Elliott



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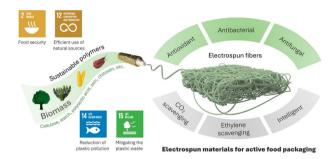
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Fuat Topuz\* and Tamer Uyar\*

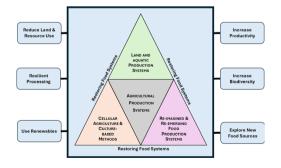
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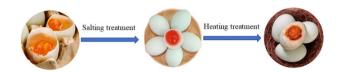
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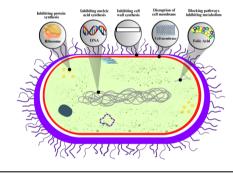
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#### Plant-based edible films and coatings for foodpackaging applications: recent advances, applications, and trends

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#### Exploring natural chalcones: innovative extraction techniques, bioactivities, and health potential

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#### **Extraction Methods**

- Ultrasound assisted extraction
- Microwave assisted
- Ionic liquids assisted extraction
- Accelerated solvent extraction
- Supercritical fluid extraction
- Solid phase micro-extraction

#### Chalcones

#### Natural Sources AppleLicorice

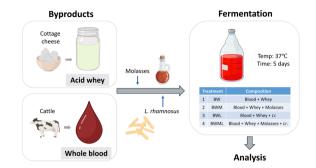
Fingerroot

#### Biological activities

- Antioxidant properties
- Anti-bacterial properties
- Anti-inflammatory activity
- Anti-malarial activity
- Anti-tumor activity

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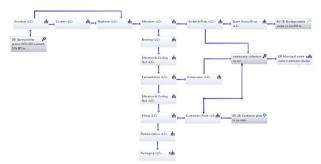
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#### Valorization of byproducts from meat and dairy industries through fermentation to produce peptides

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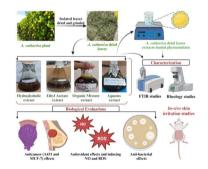
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Life cycle assessment of innovative methods for treating wastewater and solid wastes: a case study focusing on their application within the brewing sector

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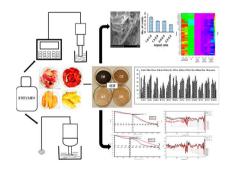
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Allamanda cathartica (Linn.) leaf extractencapsulated phytoemulsions: formulation, characterization and in vitro-in vivo biological evaluations

Ritu Tomar, Sabya Sachi Das,\* Vivek Sahu, Neha Kapoor, Divya Chaudhary, Jagannath Sahoo, Santosh Kumar Rath and Kavindra Kumar Kesari\*

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Explicating the effect of extraction methods on the techno-functional, structural, and in vitro prebiotic potential of soluble dietary fibers from mango and pomegranate peel

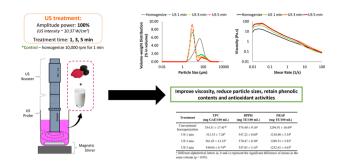
Shriya Bhatt and Mahesh Gupta\*

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Investigation of ultrasound processing for homogenisation of blackberry dairy-based beverages

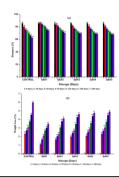
Gontorn Putsakum, Dilip K. Rai,\* Brijesh K. Tiwari and Colm P. O'Donnell



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Exploring the use of quince seed mucilage as novel coating material for enhancing quality and shelf-life of fresh apples during refrigerated storage

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#### 1537

Effect of solid-state fermentation with Pleurotus ostreatus on the protein content and other nutritional components of de-seeded carob fruits

Shahab Iqbal, Özge Tirpanalan-Staben and Knut Franke\*



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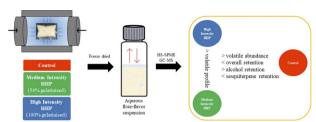
Enzymatic modification of cold pressed coconut meal protein: nutritional, functional and biological properties

Zahra Akbarbaglu, Khashayar Sarabandi,\* Seyed Hadi Peighambardoust,\* Roxana Sarabandi, Hossein Samadi Kafil and Mohammad Ali Hesarinejad



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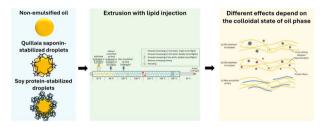
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Ladie Anne Conde, Biniam Kebede and Indrawati Oey\*

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Florian Stehle, Carlos Woern, Nicholle Kirsten Tan, Jochen Weiss and Lutz Grossmann\*