FOOD STRUCTURE

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DESCRIPTION

Food Structure is the premier international forum devoted to the publication of high-quality articles related to food structure and functionality. All articles must highlight the significance of the research findings for the food science community and/or industry.

Topics of interest include, but are not limited to: Structuring and de-structuring of dispersed food systems, such as emulsions and foams Structuring and de-structuring of food systems containing hydrocolloids, crystals, particles and gels Food structure design across the lifespan Constructing food matrices for oral and gut functionality Linking structure and functionality in foods using novel experimental and modelling approaches.

The journal does not consider articles on the following topics: Manuscripts that only report qualitative findings, micrographs or that lack sound hypothesis-driven, quantitative structure-function research Descriptive analysis of food composition, macroscopic properties and sensory properties with no link to food structure and functionality Studies on the effect of formulation, processing and storage on the macroscopic properties of foods (e.g., sensory, texture, colour) and food stability that lack process-structure relationship Description of biochemical processes (e.g., fermentation) Manuscripts solely focused on nutrition and/or clinical trials

IMPACT FACTOR

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ABSTRACTING AND INDEXING

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GUIDE FOR AUTHORS

INTRODUCTION

*Food Structure* will be the premier international forum devoted to the publication of high-quality original research on food structure. The focus of this journal is on food structure in the context of its relationship with molecular composition, processing and macroscopic properties (e.g., shelf stability, sensory properties, etc.). Manuscripts that only report qualitative findings and micrographs and that lack sound hypothesis-driven, quantitative structure-function research will not be accepted. Significance of the research findings for the food science community and/or industry must also be highlighted. Original research articles as well as review articles as they relate to food structure and functionality are welcomed. The key areas of interest include:

i) Food product and ingredient design with programmed functionality  
ii) Food physical chemistry and materials science  
iii) Computer simulation and mathematical modeling of food structures  
iv) Sensory properties and oral processing of foods  
 v) Novel microscopy, analysis and characterization techniques  

*Food Structure* will be an e-only journal (no print) that will capitalize on the use of animation in the form of 'movies', time series and dynamic visualization of food structures (e.g., 3D protein gels or fat crystal networks) from multiple angles - a first for any food-related journal.

**Types of article**

1. Research papers - original full-length research papers which have not been published previously, except in a preliminary form, and should not exceed 7,500 words.
2. Review articles - will be accepted in areas of topical interest, will normally focus on literature published over the previous five years, and should not exceed 10,000 words. Figures and tables should be kept to the minimum needed to describe the results.

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