

Food

Abbreviation: Food

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Frequency and Peer status: Biannual, Peer reviewed

Scope and target readership: *Food* accepts original papers that apply, at the molecular and microstructural level, to science, engineering, technology, biochemistry, engineering, practical and applied, to further the improvement of human nutrition. Pure research aimed at improving technical processes, through raw material processing to food, novel processing methods, automation, quality control and assurance, microbiological safety issues, advances in preservation and packaging technologies and sensory analysis in order to increase consumer acceptance and satisfaction are also welcome contributions. Papers may also include aspects on physical properties, quality assurance, safety, storage, distribution, marketing and use.

Food is designed for professional nutritionists and dieticians, researchers, scholars and regulatory bodies.

Some of the detailed topics in *Food* may include, among others:

- 1) Agrochemical effects on foods;
- 2) Chemistry, analysis, methodology and analysis (development and evaluation, novel techniques, automation or on-line procedures for process control, methods for food adulterants, aspects of quality assurance including the preparation and characterization of reference materials);
- 3) Economic and regulatory policies, their effects on safety and quality assessment, processing and preservation;
- 4) Manufacture, storage and marketing;
- 5) Measurement of micronutrients, macronutrients, additives and contaminants in foodstuffs and biological samples;
- 6) Microbiology: novel methods of detecting microorganisms in foods (sensory, nutritional and physiological aspects); genetics and biochemistry of microorganisms that are either used to make foods or that represent safety problems;
- 7) Pharmacological properties of ingredients (emphasizing content of bioactive ingredients);
- 8) Physico-chemical properties or changes to products that result in longer preservation, applied to transportation and shelf-life;
- 9) Preservatives, packaging systems, potential hazards of new formulations;
- 10) Processing, stability and stabilization, improvement in quality and properties;
- 11) Regulation of growth and toxin production in both model systems and complex food substrates;
- 12) Structural changes in molecules during processing and storage;
- 13) Toxicology and effects on specific organ systems, immune functions, carcinogenesis and teratogenesis;

Although not explicit in the title, research pertaining to drinks and beverages will also be accepted.

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