DESCRIPTION

Food Bioscience is a peer-reviewed journal that aims to provide a forum for recent developments in the field of bio-related food research. The journal focuses on both fundamental and applied research worldwide, with special attention to ethnic and cultural aspects of food bioresearch. Topics covered in the journal include but are not limited to:

Biochemical, biophysical and biological properties of foods, ingredients, and components

Mechanism of functional foods and ingredients including both novel and traditional fermented foods

Genetic, and cellular and molecular biology germane to food production and processing

Foodomics: comprehensive studies involving genomics, proteomics, metabolomics, nutrigenomics and chemogenomics of foods and their interactions with humans Biomaterials for food-related systems such as food packaging, food analysis, and delivery of nutraceuticals and functional food additives

APPLICATION OF NOVEL TECHNOLOGY TO FOODS.

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INTRODUCTION

Description

Food Bioscience is a peer-reviewed academic journal publishing original research articles, reviews, and commentaries concerning the latest development in multidisciplinary areas in food science, with an emphasis on the mechanistic studies of food quality and stability at the molecular and cellular levels. Manuscripts with innovative ideas and/or approaches that bring together different fields will receive special priority. In addition, we also address up-to-date research highlights, news and views, and commentaries covering research policies and funding trends. All research and review articles are subject to strict peer review organized by the journal, and final acceptance or rejection decision resides with the Editor-in-Chief of Food Bioscience.

Aims and scope

Food Bioscience is a peer-reviewed journal that aims to provide a forum for recent developments in the field of bio-related food research. The journal focuses on both fundamental and applied research worldwide, with special attention to ethnic and cultural aspects of food bioresearch. Topics covered in the journal include but are not limited to:

1. Biochemical, biophysical and biological properties of foods, ingredients, and components
2. Mechanism of functional foods and ingredients including both novel and traditional fermented foods
3. Genetic, and cellular and molecular biology germane to food production and processing
4. Foodomics: comprehensive studies involving genomics, proteomics, metabolomics, nutrigenomics and chemogenomics of foods and their interactions with humans
5. Biomaterials for food-related systems such as food packaging, food analysis, and delivery of nutraceuticals and functional food additives
6. Application of novel technology to foods. Articles relating only to structural identification and characterization of bioactive compounds without biofunctional data will not be published in Food Bioscience.

Articles reporting the following will not be published in Food Bioscience:

- Structural identification and characterization of bioactive compounds without biofunctional data
- Direct medical claims and/or clinical studies: therapeutic application of food compounds/isolates for treatment, cure or prevention of human diseases
- Processing/engineering without any chemistry
- Pharmaceutical, herbal, and traditional or folk medicines that are not consumed as foods
- Survey/surveillance data.

Article types

Submissions of the following types of articles are invited: short communications, mini-reviews, reviews (after discussion with the editors), and research articles. In addition, the journal will also present up-to-date research highlights, news and views, and commentaries covering food research and policy.

1. Research Articles are a contribution describing original research, including theoretical expositions, extensive data and in-depth critical evaluation, and are peer reviewed. The total length of a manuscript excluding the abstract, acknowledgements, figures, tables and references must not exceed 6000 words.

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**Note: The format of “x g” is the correct format for this journal.

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**Note that both company (Co.) and limited (Ltd.) can be abbreviated. Also for Food Bioscience, the temperature in Celsius appears with a degree sign (a superscripted small “O”) and no space between the number and the degree sign.

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E.g., 1 revolutions per minute is equal to 0.0167 hertz
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**SI base units**

<table>
<thead>
<tr>
<th>UnitSymbolQuantity</th>
<th>meter (metre)m</th>
<th>Lengthkilogramkg</th>
<th>MasssecondsTimeampereA</th>
<th>Electric currentkelvinK</th>
<th>Thermodynamic temperatureDegreeCelcius</th>
<th>molemol</th>
<th>Amount of substancecandelaCd</th>
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<th>SI Supplementary Units</th>
<th>radianrad</th>
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**SI derived units**

| 1UnitSymbolIn SI unitsQuantityMechanics | pascalPkg | m$^{-1}$ s$^{-2}$ | Pressure | Stress | jouleJkg | m$^2$ s$^{-2}$ | Energy | Work | Heat | wattWkg | m$^2$ s$^{-3}$ | Power | newtonNkg | m s$^{-2}$ | Force | TeslaTkg | s$^{-2}$ | A$^{-1}$ | Magnetic Field | HenryHkg | m$^2$ s$^{-2}$ | A$^{-1}$ | Inductance | coulombCA | Electric Charge | voltVkg | m$^2$ s$^{-3}$ | A$^{-1}$ | Voltage | faradFkg | m$^{-2}$ s$^4$ | A$^2$ | Electric Capacitance | siemensSkg | m$^{-1}$ s$^{-3}$ | A$^{-2}$ | Electrical Conductance | weberWkg | m$^2$ s$^{-2}$ | A$^{-1}$ | Magnetic Flux | ohmΩkg | m$^2$ s$^{-3}$ | A$^{-2}$ | Electric Resistance | luxlx | sr m$^{-2}$ | Illuminance | lumenslmcd | sr | Luminous Flux | luxlx | cd | Radiant Flux | becquerelBqs$^{-1}$ | Radioactivity | grayGys$^{-1}$ | s$^{-1}$ | Absorbed Dose | sievertSv$^{-1}$ | m$^{-2}$ | s$^{-1}$ | Equivalent Dose | Other | hertzHz | s$^{-1}$ | Frequency | katalkat | mol | s$^{-1}$ | Catalytic Activity |
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