

## A message from the editor

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Dear readers and authors:

As the journal ends its sixth year, we rename it to *Journal of Food Measurement & Characterization* with expanded aims and scope.

For 6 years under the original title of *Sensing & Instrumentation for Food Quality and Safety*, the journal has served the needs of the research community and industry by publishing the latest methodologies and techniques for assessment, monitoring, and assurance of food quality and safety. We have been publishing outstanding research of high impact that spans broad ranges of methods, techniques, procedures, products, and materials. Feedbacks from you, however, indicated that the original journal title and scope sounded too focused. In response to your suggestions and in an effort to serve the community better, we have decided to modify the journal title and broaden its scope from its strong original focus on instrumentation.

Under the new title, the journal will publish *new measurement results, characteristic properties, differentiating patterns*, in addition to measurement methods and procedures for such purposes as food process innovation, product development, quality control, and safety assurance. The journal will encompass all topics related to food property measurement and characterization, including all types of measured properties of food and food materials, features and patterns, measurement principles and techniques, development and *evaluation of technologies, novel uses and applications*, and industrial implementation of systems

and procedures. In other words, this will be an interdisciplinary journal that

- Is dedicated to the latest research and results in property measurement and characterization of food and food materials.
- Presents measured food properties of all types and their characteristics/patterns associated with processing, environment change, and other treatments.
- Covers development, novel use or evaluation of measurement or sensing principles, methods, techniques, procedures, and instruments.

### New aims and scope

The revised aims and scope are stated as follows:

*Journal of Food Measurement and Characterization* is an interdisciplinary journal dedicated to new measurement results and novel methods, techniques, and procedures for evaluating and characterizing food products and materials important to process innovation, product development, quality control, and safety assurance.

The journal encompasses all topics related to food property measurement and characterization. Areas of particular interest include, but are not limited to:

- Measured food properties (physical, thermal, mechanical, rheological, chemical, transport, biological, textural, sensory, etc.) and characteristic patterns resulting from processing and other treatments.
- Physical, chemical, biochemical, biological, microbiological, and engineering principles, methods, and mechanisms for food property measurement and characterization.

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- Effective use, evaluation, or development of sensing, imaging, and detection modalities for food applications.
- Non-destructive and non-invasive evaluations of food properties.
- Introduction of emerging measurement, sensing, and characterization techniques to the field.
- State-of-the-art reviews on measurement techniques and methods.
- Novel use or development of statistical, mathematical, and computer methods for food characterization.
- Instrumentation development and evaluation.
- Development and implementation of systems and procedures for food quality, safety, and security assurance.
- Food products or materials measured or characterized.
- Food properties measured or characterized.
- Characterization and analysis techniques used or developed.
- Instrumentation and system used or developed.
- Biological or chemical processes used or analyzed.
- Imaging-based measurement and image processing technologies used or
- Sensing/measurement technologies used or developed.
- Biosensing technologies used or developed.

The journal has served and will continue to serve as a converging point of research results and as a forum for researchers and technical personnel in academia, research institutions, government agencies, and industry. Thanks for the enthusiasm and support you have given the journal over the years. We hope that the adjustments will allow the journal to provide you even better service in a field with exciting advances every day.

### **Classifications or fields of expertise**

The revised manuscript classifications or author fields of expertise now include the following main categories, each with many subcategories, and they also help show the new breadth of the journal: