**Journal of Food Science: Original Research Manuscript Template**

**Full title** [Be concise and start with key words [for best SEO](https://authorservices.wiley.com/author-resources/Journal-Authors/Prepare/writing-for-seo.html).]

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Author 1 name e-mail address

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**Author affiliation(s)**

**Contact information for Corresponding author** [Mailing address and e-mail address]

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**Choice of topic**:

New Horizons in Food Research

Integrated Food Science

Food Chemistry

Food Engineering, Materials Science, and Nanotechnology

Food Microbiology and Safety

Sensory and Consumer Sciences

Health, Nutrition, and Food

Toxicology and Chemical Food Safety  
 Food Science Education

*If you are submitting a Concise Review or Hypothesis manuscript, we recommend use of our Review Manuscript template (available from* [*CRFSFS Author Guidelines - IFT.org*](https://www.ift.org/news-and-publications/scientific-journals/crfsfs/author-guidelines)*)*

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**ABSTRACT**: State what was done (giving indication of importance), how it was done, major results, and conclusions in 250 words or less. Define all acronyms and abbreviations; do not cite references.

**Practical Application:** (Optional, for original research manuscripts only)

In 2 to 3 sentences (under 100 words) written in plain language, state the possible industrial or consumer application(s) of this research. This brief paragraph should be easily understood by non-scientists and should not make extravagant claims.

**1**. **Introduction**

In about two pages or less (double spaced), review pertinent work, cite key references, explain the importance of the research, and state the objectives of your work.

*Citation examples using Chicago Manual of Style:*

* One or two authors: “Wlodkowski (2008)” or “(Wlodkowski 2008)”; “Walker and Allen (2004)” or “(Walker and Allen 2004)”
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**2. Materials and Methods**

**2.1 Header level 2**

**2.1.1 Header level 3**

Provide enough detail so work can be repeated. Use subheads for clarity. Avoid use of trade names. Define abbreviations and acronyms at the first mention.

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***If the work involves human beings or experimentation on living animals,*** provide evidence that it was performed in accordance with local ethical guidelines (such as Institutional Review Board [IRB] or Institutional Animal Care and Use Committee [IACUC] approval). Include the registration or approval number and/or any other relevant details about the ethics approval.

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Conduct statistical analysis *only* if variation with a treatment (standard deviation divided by the means) is greater than 10% and difference among treatment means is less than 3 standard deviations. For detailed instructions on replicates and statistics reporting, see the [“Statistics Guidelines” section of the JFS Author Guidelines.](https://www.ift.org/news-and-publications/scientific-journals/journal-of-food-science/author-guidelines/reviewer-resources)

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Present and discuss results concisely, using figures and tables as needed (but not the same information in both figures and tables). Compare results to those previously reported, and indicate what new information is contributed herein. Place figures and tables at the end of the document, after references or upload figures and tables as separate files. Ensure that the file size is not so large that reviewers will have difficulty loading them online; we recommend files no larger than 5 MB.

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