



International Journal of Food Engineering

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Scope and general policies of the journal

Scope

International Journal of Food Engineering (IJFE) is devoted to engineering disciplines related to processing foods. The areas of interest include heat, mass transfer and fluid flow in food processing; food microstructure development and characterization; application of artificial intelligence in food engineering research and in industry; food biotechnology; and mathematical modeling and software development for food processing purposes. Authors and Editors come from top engineering programs around the world: the U.S., Canada, the U.K., and Western Europe, but also South America, Asia, Africa, and the Middle East.

The majority of papers published in *IJFE* are full-length research articles reporting original, scientifically sound research or providing new insight into or ideas about food engineering. Manuscripts must contribute new knowledge and be presented with good scientific writing. Topics covered by *IJFE* are shown below with responsible Associate Editors:

- Novel processes and novel concepts in food engineering (Dr. Nan Fu, Dr. C. Anandharamakrishnan)
- Food microstructure development and characterization (Dr. C. Anandharamakrishnan, Dr. Zhili Wan, Dr. Anna Michalska-Ciechanowska)
- Food biotechnology (Dr. Nan Fu, Dr. Agus Saptoro)
- Heat, mass transfer and fluid flow in food processing (Dr. Aditya Putranto, Dr. Marek Jakubowski)
- Application of artificial intelligence in food engineering and research, except those only applying neural networks for optimization purposes (Dr. Marek Jakubowski, Dr. Mark Nelson)
- Mathematical modeling and software development for food processing purposes (Dr. Aditya Putranto, Dr. Mark Nelson)
- Future-foods-oriented processing methods and technologies, including food structuring methods, sustainable food manufacturing, engineered food colloids, 3D food printing, and food matrix design to control sensory perception (Dr. Zhili Wan, Dr. Nan Fu)

Manuscripts dedicated purely to the following topics are NOT encouraged:

- Optimization of established experimental procedures without providing insights with relation to food engineering
- Empirical modelling of kinetics without addressing the effects of food microstructures or properties
- Using statistical techniques to fit experimental data against empirical models
- Models using neural networks

Manuscripts describing the characterization of novel food products or food materials after certain treatments using well established techniques — for example, the rheological properties of a new hydrocolloid — should provide exhaustive experimental work and analysis.

Targeted audience: Researchers and professionals working in food processing and engineering and related areas.

IJFE is an English-language, hybrid journal, published twelve times a year.

Article (manuscript) categories

- Research Article
- Critical Review
- Short Communication
- Letter to the Editor
- Response to Article
- Editorial
- Hypothesis

The majority of papers published in *IJFE* are full-length research articles reporting original, scientifically sound research or providing new insight into or ideas about food engineering. Manuscripts must contribute new knowledge and be presented with good scientific writing.

Peer review, turnaround times and preprint policies

Peer review information

IJFE is a single-blind journal. Manuscripts are reviewed anonymously by at least two independent reviewers selected by the Editors. The authors must provide the names, institutions and institutional e-mail addresses of a minimum of four potential reviewers competent to review their manuscript during submission. This will assist the *IJFE* Editorial team in identifying capable reviewers, although there is no guarantee that any of the suggested reviewers will be used. Reviewers indicated by the authors must be of institutions and countries different from the corresponding author/any of the authors. Authors may also provide names of reviewers they wish to exclude from reviewing their manuscripts. The authors must adhere to the following guidelines:

- Include affiliation and institutional e-mail (e.g. NOT Gmail or Yahoo addressees) of the suggested reviewers
- Justify the selection of each reviewer in connection to the paper
- Suggest reviewers from at least three countries and regions.

The Editors reserve the right to reject submitted manuscripts without peer review if the studies are not novel or important enough to merit publication in the journal. Manuscripts deemed unsuitable (insufficient originality or limited interest to the target audience) will be also rejected without review.

Turnaround time

IJFE aspires to inform authors of the peer review decision within 6–8 weeks from submission date. Revised manuscripts should be returned within 6–8 weeks. Accepted articles will be published online within 2–4 weeks of acceptance.

Issue based publication

Articles are first published online as DOI citable articles and are later assigned to an issue with final page numbers.

Rejection of manuscripts

Manuscripts dealing with subjects that have been well studied in the literature, and that do not resolve questions raised by previous studies, or manuscripts that are statistically underpowered, are likely to be rejected without peer review. Most studies on genetic associations will not be considered for publication in *IJFE*. Studies involving animal tests are considered for possible publication in *IJFE* under very rare circumstances, that is, when the results of the test are essential for elucidating the functionality of the specific food.

Reporting of negative results must be justified by prior evidence that a positive result would be expected. Manuscripts are also returned to authors if they do not comply with the Instructions for Authors (e.g., if the number of words allowed for a certain article type will be exceeded).

For research involving wildlife in natural settings: *IJFE* does not accept manuscripts based on physical experiments on captive animals. The Editors maintain the discretion to reject work that imposes harm to research animals.

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We advise the following approach: Aim for gender neutrality by using plural nouns (clinicians, clients, participants) as standard and avoiding "he" or "she", wherever possible. Instead, please use "they". We recommend avoiding the use of descriptors that refer to personal characteristics such as age, gender, race, ethnicity, culture, sexual orientation, disability or health status unless they are relevant and valid.

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Post-acceptance

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Acknowledgments

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Supply 3–6 specific keywords in alphabetical order and lower case, separated by semicolon.

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Your manuscript should be subdivided into sections (and, if necessary, subsections). These sections should be labeled with headings in a consistent format and with a clear hierarchy of section headings. Limit your subsections to a maximum of four levels. For subdivided sections ensure that they have at least two subheadings on one level. Headings do not have an end period.

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The various sections of the manuscript should be assembled in the following sequence:

- Title and authorship (single page)
- Abstract and keywords (single page)
- Introduction
- Materials and Methods
- Results/Discussion
- Conclusions
- Abbreviations and Nomenclature
- Acknowledgements
- References (Vancouver style)
- Tables
- Figure captions

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Name: Natalia Białka

Email: natalia.bialka@degruyter.com