



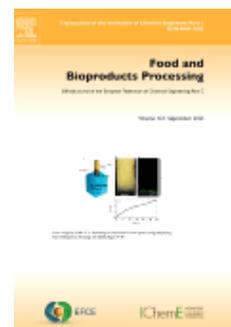
FOOD AND BIOPRODUCTS PROCESSING

Publication of the [Institution of Chemical Engineers](#)

AUTHOR INFORMATION PACK

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DESCRIPTION

FBP aims to be the principal international journal for publication of high quality, original papers in the branches of **engineering** and **science** dedicated to the **safe processing** of **biological products**. It is the only journal to exploit the synergy between **biotechnology**, **bioprocessing** and **food engineering**.

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- That are empirical and ignore established mechanistic models, e.g., empirical drying curves
- That are primarily concerned about sensory evaluation and colour
- Concern the extraction, encapsulation and/or antioxidant activity of a specific biological material without providing insight that could be applied to a similar but different material,
- Containing only chemical analyses of biological materials.

The journal publishes regular special issues focusing on specific topics

Core topic areas:

Biotechnology and **bioprocessing**

- Biocatalysis and biotransformations
- Bioprocess modelling and optimisation
- Bioseparation
- Fermentation and cell culture

- Bioreactor design, instrumentation and control
- Microbial physiology and engineering metabolic
- Production formulation
- Sterile processing
- Systems biology and biological engineering
- Nanobiotechnology

Biorefining and Integrated Bioresource Engineering

- Process integration of biorefineries
- Feedstock fractionation and separation in relation to biorefinery integration
- Biorefineries and the Food-Energy-Water nexus
- Biorefinery value chain optimisation
- Integration of biorefinery concepts with food processing
- New functional food ingredients and non-food materials made feasible through the biorefinery context
- Biorefinery sustainability metrics
- Dynamic modelling and analysis of biorefinery systems

Food and drink process engineering

- Engineering for food safety
- Environmental issues in food manufacture
- Minimal processing techniques
- Packaging
- Plant, process and product design
- Processing and microstructure interactions
- Unit operations, process modelling and optimisation in food engineering

Hygienic manufacture and product safety

- Fouling and cleaning
- Good manufacturing practice
- Hazard analysis
- Heating and cooling methods, including freezing, pasteurisation and thermal sterilisation
- Hygienic design
- Non-thermal processes
- Process analytical technology (PAT)
- Regulation and validation.

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Papers that are not likely to be published are those:

- primarily concerned with food formulation
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- that are empirical and ignore established mechanistic models, e.g., empirical drying curves
- that are primarily concerned about sensory evaluation and colour
- concern the extraction, encapsulation and/or antioxidant activity of a specific biological material without providing insight that could be applied to a similar but different material
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Examples:

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Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *J. Sci. Commun.* 163, 51–59. <https://doi.org/10.1016/j.Sc.2010.00372>.

Reference to a journal publication with an article number:

Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

Reference to a book:

Strunk Jr, W., White, E.B., 2000. *The Elements of Style*, fourth ed. Longman, New York.

Reference to a chapter in an edited book:

Mettam, G.R., Adams, L.B., 2009. How to prepare an electronic version of your article, in: Jones, B.S., Smith, R.Z. (Eds.), *Introduction to the Electronic Age*. E-Publishing Inc., New York, pp. 281–304.

Reference to a website:

Cancer Research UK, 1975. Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/> (accessed 13 March 2003).

Reference to a dataset:

[dataset] Oguro, M., Imahiro, S., Saito, S., Nakashizuka, T., 2015. Mortality data for Japanese oak wilt disease and surrounding forest compositions. Mendeley Data, v1. <https://doi.org/10.17632/xwj98nb39r.1>.

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