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ISSN: 0733-5210

DESCRIPTION

The *Journal of Cereal Science* was established in 1983 to provide an International forum for the publication of original research papers of high standing covering all aspects of **cereal science** related to the functional and nutritional quality of **cereal grains** and their products.

The journal also publishes concise and critical review articles appraising the status and future directions of specific areas of cereal science and short rapid communications that present news of important advances in research. The journal aims at topicality and at providing comprehensive coverage of progress in the field.

Papers **submitted** to *Journal of Cereal Science* should not be purely descriptive or confirmatory in nature, but should be innovative and offer new insights into cereal science research.

Research Areas Include:

- **Composition** and analysis of cereal grains in relation to **quality** in end use
- Morphology, biochemistry, and biophysics of cereal grains relevant to **functional** and **nutritional characteristics**
- Structure and physicochemical properties of functionally and nutritionally important **components** of cereal grains such as polysaccharides, proteins, oils, enzymes, vitamins, and minerals
- **Storage** of cereal grains and derivatives and effects on nutritional and functional quality
- Genetics, agronomy, and pathology of **cereal crops** if there is a substantive relationship to end-use properties of cereal grains
- Functional and nutritional aspects of **cereal-based foods** and **beverages**, whether baked, fermented, or extruded
- **Industrial products** (e.g., starch derivatives, syrups, protein concentrates, and isolates) from cereal grains, and their technology
- **functional genomics** as it relates to end-use quality.

Database coverage includes AGRICOLA, Biological Abstracts (BIOSIS), Chemical Abstracts, Current Contents, Food Science and Technology Abstracts, Maize Abstracts, Research Abstracts, and Science Citation Index.

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GUIDE FOR AUTHORS

INTRODUCTION

The *Journal of Cereal Science* was established in 1983 to provide an International forum for the publication of original research papers of high standing covering all aspects of cereal science related to the functional and nutritional quality of cereal grains and their products. The journal also publishes concise and critical review articles appraising the status and future directions of specific areas of cereal science and short rapid communications that present news of important advances in research. The journal aims at topicality and at providing comprehensive coverage of progress in the field. Papers submitted to *Journal of Cereal Science* should not be purely descriptive or confirmatory in nature, but should be innovative and offer new insights into cereal science research.

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The *Journal of Cereal Science* publishes papers originating in any country. Papers dealing with topics of only restricted local interest will not be accepted, however, unless the information presented can be demonstrated to be of general applicability.

The Journal exists to advance scientific concepts in cereal science, and the content of papers published within it must be consistent with this goal.

Types of paper

Research papers:

The main activity of the Journal in fulfilling its mission is the publication of original and innovative research papers of a high scientific standard. These papers should: (a) report a specific identifiable advance in knowledge that has not been published elsewhere; (b) claim no more than can be substantiated by the results; (c) be logically consistent both within themselves and within the existing body of knowledge; (d) give enough information to allow the research to be tested and repeated by competent researchers elsewhere; and (e) give due reference to previously published work relevant to the research described. Papers must contain a maximum of 6000 words of text, no more than six tables or figures and up to 30 references. The second page of the manuscript should contain the Abstract only. The text should then follow the sequence: Introduction, Experimental, Results, Discussion, Acknowledgements, References, Tables, Figure Captions and, finally, Figures. Please number the pages, and each section should also be numbered.

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Short Communications and Research Notes will be strictly limited to two printed pages in the journal (equivalent of approx. 2000 words) in total, i.e. including title, references, tables and figures, etc. Where figures or tables are used, the number of words must be reduced to compensate for these, giving due regard to the size of such tables and figures. Other details on preparation are as for conventional research papers.

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Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be given a brief heading. Each heading should appear on its own separate line.

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State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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Acknowledgements

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