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**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, in relation to the cereals used.

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, novel and offer new insights into cereal science research.**

**Note**

_The Journal of Cereal Science_ exists to advance scientific concepts in cereal science, and the content of papers published within it must be consistent with this goal. Manuscripts dealing with topics of only restricted, local interest will not be sent for review unless the information presented can be demonstrated to be of general applicability.

**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 endues 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 science **functional genomics** as it relates to end-use quality

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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.

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.

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.

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