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Journal of Molecular Catalysis B: Enzymatic 13 (2001) 111–113



JOURNAL OF
MOLECULAR
CATALYSIS
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Guide for Authors

1. Scope

The journal is an international forum devoted to research and developments in the applications of whole-cell and cell-free enzymes as catalysts in organic synthesis. Emphasis is focused on mechanistic and synthetic aspects of the biocatalytic transformation.

Papers deal with the following topics;

- Industrial applications of enzymatic processes, e.g. in fine chemical synthesis;
- Chemo-, regio- and enantioselective transformations;
- Screening for biocatalysts;
- Integration of biocatalytic and chemical steps in organic syntheses;
- Novel biocatalysts, e.g. enzymes for extremophiles and catalytic antibodies;
- Enzyme immobilization and stabilization, particularly in non-conventional media;
- Bioprocess engineering aspects, e.g. membrane bioreactors;
- Improvement of catalytic performance of enzymes, e.g. by protein engineering or chemical modification;
- Structural studies, including computer simulation, relating to substrate specificity and reaction selectivity;
- Biomimetic studies related to enzymatic transformations.

2. Types of contributions

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Abstract (100–200 words) and *five relevant keywords*.

Introduction. Statement of the problem. Outline of the paper and important findings.

Theory (if any).

Experimental (if any).

Results and discussion.

Conclusions.

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References. Number consecutively inside square brackets [] with one entry per reference number throughout the text and supply a separate reference list.

In the text the authors' names are given without initials. When reference is made to a publication written by more than two authors, it is preferable to give only the first author's name in the text followed by "et al.", or the senior author's name followed by "and co-workers". In the list of references the names and initials of all authors must be given. In the reference list, periodicals [1], books [2], multi-author books [3] and proceedings [4] should be cited in accordance with the following examples:

- [1] M.S. Jarrell, B.C. Gates, E.D. Nicholson, *J. Am. Chem. Soc.* 100 (1978) 5727.
- [2] L.R. Snyder, *Principles of Adsorption Chromatography*, Marcel Dekker, New York, 1968, p. 201.
- [3] R.D. Marshall, A. Neuberger, in: A. Gottschalk (Ed.), *Glycoproteins*, Vol. 5, Part A, 2nd ed., Elsevier, Amsterdam, 1972, Chap. 3, p. 215.
- [4] G.C. Bond, P.B. Wells, *Proc. 4th Int. Symp. Scientific Bases for the Preparation of Heterogeneous Catalysts*, Louvain-la-Neuve, 1–4 September 1986, paper No. 2.

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