

Guide for Authors

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 from 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.

General

There are three types of contributions:

1. *Full-length*, or regular papers describing original research work not previously published.
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Presentation of manuscript

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, J. Sci. Commun. 163 (2000) 51–59.

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[2] W. Strunk Jr., E.B. White, *The Elements of Style*, third ed., Macmillan, New York, 1979.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing, Inc. New York, 1994, pp. 281–304.

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