

Guide for Authors

Aims and Scope

Applied Catalysis B: Environmental covers the catalytic chemistry of polluting substances.

- Catalysis elimination of environmentally hazardous effluents, nitrogen oxides, sulphur compounds, carbon monoxide, chlorinated and other organic compounds, used catalysts, etc. from stationary or mobile sources, in air, water, soil, etc.;
- Basic understanding, modelling and characterization of catalysts and processes used in environmental applications;
- Catalytic processes occurring in the environment itself;
- Catalytic reactions in which wastes are converted to useful products;
- Clean manufacturing with catalysts replacing toxic chemicals with environmentally friendly catalysts, solvents, process conditions, etc.;
- Production of clean energy by mechanisms other than combustion, i.e. via fuel cells and fuel processing of hydrocarbons to hydrogen;
- Photocatalysis as applied to environmental problems;
- New catalytic combustion technologies and catalysts.

Papers dealing with reactions and processes aimed at the production of commercial products and the remaining aspects of catalysis should be directed to *Applied Catalysis A: General*.

Since the scopes of the Elsevier journals *Applied Catalysis A: General*, *Applied Catalysis B: Environmental*, *Catalysis Communications*, *Journal of Molecular Catalysis A: Chemical* and *Journal of Molecular Catalysis B: Enzymatic* are complementary, an appropriate submission to each journal could be borderline, in which case the advice of another Editor will be sought, possibly redirecting the submission to either *Applied Catalysis A: General*, *Journal of Molecular Catalysis A: Chemical*, *Journal of Molecular Catalysis B: Enzymatic* or *Catalysis Communications* (for letters) with the author(s).

General

The journal will accept original Research Papers, Reviews and Letters to the Editor. It also publishes book reviews and a calendar of forthcoming events. A News Brief section contains information on new scientific facts related to the application of catalysis (new reactions, catalysts, processes, etc.).

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

Reference to a book:

[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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