



# APPLIED CATALYSIS B: ENVIRONMENTAL

## AUTHOR INFORMATION PACK

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### DESCRIPTION

*Applied Catalysis B: Environmental* welcomes original, novel and high-impact contributions from the following fields:

**Catalytic elimination of environmental pollutants**, such as nitrogen oxides, carbon monoxide, sulfur compounds, chlorinated and other organic compounds, and soot emitted from stationary or mobile sources  
**Basic understanding of catalysts used in environmental pollution abatement, especially as applied to industrial processes**  
**All aspects of preparation, characterization, activation, deactivation and regeneration of novel and commercially applicable environmental catalysts**  
**New catalytic routes and processes for the production of clean energy**, such as in hydrogen generation via catalytic fuel processing; and new catalysts and electrocatalysts for **fuel cells**  
**Catalytic reactions in which wastes are converted to useful products**  
**Clean manufacturing replacing toxic chemicals with environmentally friendly catalysts**  
**Scientific aspects of photocatalytic processes and basic understanding of photocatalysts as applied to environmental problems**  
**New catalytic combustion technologies and catalysts**

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Catalysis, Chemical Engineers, Organic Chemists, Polymer Chemists, Surface Chemists, Process Technologists, Petroleum Engineers, Environmental Catalysis, and Automotive Industry.

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## ABSTRACTING AND INDEXING

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### INTRODUCTION

*Applied Catalysis B: Environmental* welcomes original, novel and high-impact contributions from the following fields:

- Catalytic elimination of environmental pollutants, such as nitrogen oxides, carbon monoxide, sulfur compounds, chlorinated and other organic compounds, and soot emitted from stationary or mobile sources
- Basic understanding of catalysts used in environmental pollution abatement, especially as applied to industrial processes
- All aspects of preparation, characterization, activation, deactivation and regeneration of novel and commercially applicable environmental catalysts
- New catalytic routes and processes for the production of clean energy, such as in hydrogen generation via catalytic fuel processing; and new catalysts and electrocatalysts for fuel cells
- Catalytic reactions in which wastes are converted to useful products
- Clean manufacturing replacing toxic chemicals with environmentally friendly catalysts
- Scientific aspects of photocatalytic processes and basic understanding of photocatalysts as applied to environmental problems
- New catalytic combustion technologies and catalysts

### Types of Paper

The journal will accept original Research Papers, Reviews and Letters to the Editor. Papers dealing with reactions and processes aimed at the production of commercial products and the remaining aspect of catalysis should be directed to *Applied Catalysis A: General*. Enzymatic papers should be directed to *Journal of Molecular Catalysis B*.

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[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

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[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

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[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13.03.03).

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