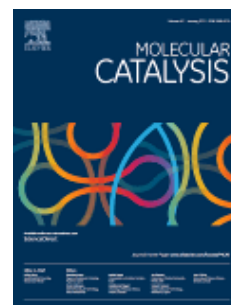




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### DESCRIPTION

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*Molecular Catalysis* publishes full papers that are original, rigorous, and scholarly contributions examining the molecular and atomic aspects of catalytic activation and reaction mechanisms. The fields covered are: Heterogeneous catalysis including immobilized catalysts; Homogeneous catalysis including organocatalysis, organometallic catalysis, and biocatalysis; Theoretical aspects of catalysis.

The Journal also publishes timely reviews of specialized topics within the scope outlined above; however, prospective authors must obtain preliminary approval from the Editor-in-Chief before preparing a review article.

Accepted manuscripts of exceptional quality and substantial interest to the readership may be selected by Editors to feature in the 'Editors Choice' section of the Journal.

It is expected that catalyst activity be appropriately conveyed. Thus, homogeneous systems are ideally characterized by kinetic analysis from which macro- or microscopic rate constants can be presented. Turnover numbers, turnover frequencies, and/or specific activities should be reported as appropriate. For heterogeneous systems, activities should ideally be expressed in turnover frequencies per site or at least per unit area of active component measured using appropriate methods. Extensive use of percent conversion should be avoided.

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## GUIDE FOR AUTHORS

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### INTRODUCTION

#### *Types of Paper*

There are two types of contributions:

- 1) Full-length, or regular papers describing original research work not previously published.
- 2) Reviews of specialized topics within the scope of the Journal (prospective authors should obtain preliminary approval from an Editor before preparing such an article).

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Example: '..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result ....'

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59. <https://doi.org/10.1016/j.Sc.2010.00372>.

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[2] Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

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

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[4] 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.

Reference to a website:

[5] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

[dataset] [6] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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