

Guide for Authors

AIMS AND SCOPE: The aim of *Cement and Concrete Research* is to publish the best research on cement, cement composites, concrete and other allied materials that incorporate cement. In doing so, the journal will present: the results of research on the properties and performance of cement and concrete; novel experimental techniques; the latest analytical and modelling methods; the examination and the diagnosis of real cement and concrete structures; and the potential for improved materials.

The fields which the journal aims to cover are:

- Processing: Cement manufacture, mixing & rheology, admixtures and hydration. While the majority of articles will be concerned with Portland cements, we encourage articles on other cement systems, such as calcium aluminate.
- Structural and Microstructural Characterisation of the unhydrated components and of hydrated systems including: the chemistry, crystal structure, pore structure of cement and concrete, characterisation techniques, and structural and microstructural modelling.
- The properties of cement and concrete, including: fundamental physical properties; transport, mechanical and other properties, the processes of degradation of cement and concrete; and the modelling of properties, both as a means of predicting short and long performance, and as a means of relating a material's structure to its properties.
- Applications for cement and concrete, including: concrete technology, fibre reinforcement, waste management, and novel concretes.

The journal's principal publications are original articles containing new information, major reviews and selected papers from important conferences. Discussion of published material and rapid communications will form part of the journal where appropriate. The journal will focus on papers with a broad interest, based upon their subject area, the quality of the research, the novelty of the results and the potential for assimilation of the findings.

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CATEGORIES OF PAPERS: The journal accepts four types of article: Research Papers, Reviews, Communications (maximum submitted length of 6 manuscript pages) and Discussions (maximum submitted length of 4 manuscript pages) - the maximum number of manuscript pages includes tables and figures. The Journal publishes papers in English only. Reprint order forms will be sent to the authors whose papers have been accepted for publication. There are no mandatory page charges.

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2. Each paper should be accompanied by an abstract. The abstract should not be more than 150 words for Reviews, Papers, and Communications, and not more than 100 words for Discussions.
3. Major headings, e.g., Introduction, Methods, Results, etc., should be numbered, as well as any subsidiary headings (1.1, 1.2).
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6. References should be indicated in the text by consecutive numbers in brackets, i.e., [1,2], as part of the text, not raised

above it. Full references should be cited in a numbered list on a separate sheet of paper. References should contain the names of all authors of any one paper together with their initials, the article title, the title of the journal (abbreviated if possible in accordance with The World List of Scientific Periodicals), volume number, page numbers, and year, as illustrated below. References to books should contain the publisher's name and location.

Journal: [1] H. Uchikawa, S. Hanehara, T. Shirasaka, D. Sawaki, Effect of water curing, *Cem Concr Res* 22 (2) (1992) 115-120.

Book: [2] H.F.W. Taylor, *Cement Chemistry*, Academic Press, New York, 1990.

Article in Edited Book: [3] D.F. Hewlett, P.D. Jones, The effect of super-plasticizers on concrete materials, in: G. Fontinou, P.D. Jones (Eds.), *Chemical Admixtures*, Academic Press, New York, 1981, pp. 135–155.

7. Use only standard symbols and abbreviations in text and illustrations.

8. Units should be expressed in the International System of Measurement (SI) or metric system. Where desirable, conversion into a duplicate set of units may be shown in parentheses in text or illustrations.

9. Any numbered equations in text, as well as all tables and figures, must be cited in text, i.e., (Eq. 1), (Table 3), (Fig. 1), see Eq. (1), etc.

COMMUNICATIONS: If more rapid publication is sought to report novel or innovative research, a paper of a maximum of 6

manuscript pages, which includes tables and figures, should be sent directly to the Editor-in-Chief with a request that it be sent to an Associate Editor for consideration as a Communication. Manuscripts accepted in this way will be published with a minimum of delay. The Associate Editor who accepts the paper for publication will remain anonymous.

Authors should follow the regular instructions for the preparation of manuscripts.

DISCUSSIONS: Contributions submitted to the Editor-in-Chief under this heading may be concerned with matters of opinion and criticism of interest to the community of scientists, engineers, and technologists in the cement and concrete field. These contributions are subject to the same format and layout requirements as regular papers, including tables and figures. Discussions should be limited to 4 manuscript pages (which includes tables and figures).

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