

CARBOHYDRATE POLYMERS

A Journal Devoted to Scientific and Technological Aspects of Industrially Relevant Polysaccharides

Aims and Scope

Carbohydrate Polymers covers the study and exploitation of polymers of sugars which have current or potential industrial application in areas such as bioenergy, bioplastics, biorefining, drug delivery, food, industrial chemistry, packaging, paper, pharmaceuticals, medicine, oil recovery, paper, textiles and wood.

Topics include:

- studies of structure and properties
- biological and industrial development
- analytical methods
- chemical, enzymatic and physical modifications
- interactions with other materials

The role of the carbohydrate polymer must be central to the work reported, not peripheral. At least one named carbohydrate polymer must be cited and be the main focus of the title of the paper, and of the paper itself. Research must be innovative and advance scientific knowledge.

Examples of papers which are not appropriate for *Carbohydrate Polymers* include:

- papers which major in biological, physiological and pharmacological aspects of non-carbohydrate molecules attached to, or mixed with, carbohydrate polymers;
- papers on the materials science of biocomposites where there is no mention of any specific carbohydrate polymer, or the role of the carbohydrate polymer is not central to the study.
- papers majoring on polyalkanoates, polylactic acid or lignin
- routine studies of extraction yields without characterisation of the extracted polysaccharide
- applications of new polysaccharides where the structure of the polysaccharide is unknown. (If a new polysaccharide is used to be acceptable the paper must include some structural characterisation of the polysaccharide in addition to the application studies Purity and monosaccharide composition are essential, some molecular size and linkage information is highly desirable.)

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Publication Information: *Carbohydrate Polymers* (ISSN 0144-8617). For 2014, volumes 102–117 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (<http://www.elsevier.com/locate/carbpol>). Further information is available on this journal and other Elsevier products through Elsevier's website (<http://www.elsevier.com>). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

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