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DESCRIPTION

Reactive & Functional Polymers provides a forum to disseminate original ideas, concepts and developments in the science and technology of polymers with functional groups, which impart specific chemical reactivity or physical, chemical, structural, biological, and pharmacological functionality. The scope covers organic polymers, acting for instance as reagents, catalysts, templates, ion-exchangers, selective sorbents, chelating or antimicrobial agents, drug carriers, sensors, membranes, and hydrogels. This also includes reactive cross-linkable prepolymers and high-performance thermosetting polymers, natural or degradable polymers, conducting polymers, and porous polymers.

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GUIDE FOR AUTHORS

INTRODUCTION

The Journal publishes papers dealing with new ideas and developments in the science and technology of polymers with functional groups that provide specific chemical reactivity or physico-chemical behaviour.

The scope covers functional polymers, acting as reagents and catalysts, with specific emphasis on solid- or gel-state chemistry; carriers of protecting groups or biofunctional groups; templating agents and functional matrices; ion-exchangers, selective sorbents, chelating agents; supports for enzymes and cells; electro-active and sensing materials. It also includes advanced polymer synthesis techniques, the study of polymer networks and rheology and processing of functional polymers.

The Journal addresses two main audiences: those engaged in the synthesis of new materials and the development of novel techniques, and those concerned with technology and practical applications in the laboratory or plant. The Journal encourages, and serves as a forum for, the dialogue between these two groups.

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