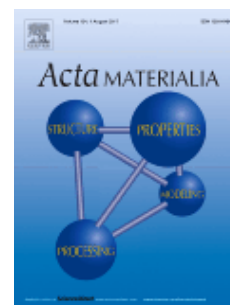




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### DESCRIPTION

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*Acta Materialia* provides a forum for publishing full-length, original papers and commissioned overviews that advance the in-depth understanding of the relationship between the processing, the structure and the properties of inorganic materials. Papers that have a high impact potential and/or substantially advance the field are sought. The structure encompasses atomic and molecular arrangements, chemical and electronic structures, and microstructure. Emphasis is on either the mechanical or functional behavior of inorganic solids at all length scales down to nanostructures.

The following aspects of the science and engineering of inorganic materials are of particular interest:

- (i) Cutting-edge experiments and theory as they relate to the understanding of the properties,
- (ii) Elucidation of the mechanisms involved in the synthesis and processing of materials specifically as they relate to the understanding of the properties, and
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