

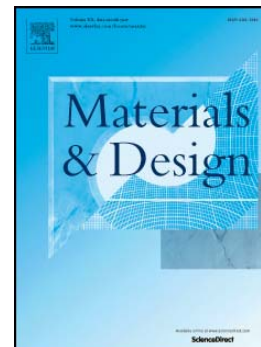
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Editorial Note - On the aims & scope and priority areas in Materials & Design

Alexander M. Korsunsky, A.G. Gibson, Giang D. Nguyen, Marco Sebastiani, Xu Song, Tan Sui

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Editorial Note

On the aims & scope and priority areas in *Materials & Design*

Materials & Design is unusual amongst multi-disciplinary international journals in the field of materials science and engineering in terms of the broadly cast range of topics it covers, its annual submission volume, which is expected to exceed 6500 in 2015) and its annual output in the range of 1000 published articles each year. Turning over this volume of wide-ranging research reports, whilst maintaining quality, presents a significant challenge. Nevertheless, although it is not easy to compete with the “small and beautiful” journal model in terms of impact per paper, the editors of *Materials & Design* believe firmly that the journal can and will remain competitive, whilst serving an important function of providing a broadly inclusive forum for all branches of materials research.

About the journal title

Materials & Design brings together the overriding interest in the inherent architecture of solid matter with the practical need to know and use its properties to perform certain roles in service, either structural or functional. In reflection of this title, the journal is focused on the studies of natural and engineered materials, with particular emphasis on the elucidation of their structure and properties at all scales, from nuclear and electronic to amorphous and crystalline levels of organisation, to nano-scale and micro-structuring aspects, and ultimately to the manner in which this manifests itself in the suitability and performance of materials in various natural and man-made systems and applications.

About the journal scope and coverage

The growing popularity and impact of *Materials & Design* bring about the need for increasingly stringent selection of submissions on the basis of their suitability for this interdisciplinary international forum. Many strong thematic threads exist within the journal, such as joining and welding, coatings and tribology, alloy microstructure-property relationships, natural and artificial fibres and composites, thermo-mechanical processing and residual stresses, cementitious and geological materials and structures in civil engineering, photovoltaics and energy materials, nano-scale and micro-scale material properties, corrosion, catalysis and materials chemistry, etc. In view of this broad context and careful selection needed to sustain further growth of the journal's impact, the editors face the necessity of making the distinction between reports that have broad appeal to the materials science and engineering community, and those that are better suited for publication in one of the journals specialising in a particular area. If the editors deem the latter to be the case, they have at their disposal the possibility of recommending transfer to one of the journals within Elsevier family, e.g. *Surface and Coatings Technology*, *Journal of the Physics and Chemistry of Solids*, *Wear*, etc. In addition, the editors may find that a particular submission does not fit the scope and objectives of *Materials & Design*

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