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Aims and Scope

Materials provides a forum for publishing papers that advance in-depth understandings of the relationships between the structures, properties, applications or functions of all classes of materials. We aim to encourage various scientific communities to publish their original experimental and theoretical research, as well as their reviews.

The scope of *Materials* includes:

All classes of materials, including ceramics, glasses, polymers (plastics), semiconductors, magnetic materials, medical implant materials and biological materials, silica and carbon materials, and metals and metallic alloys

Functional materials

Characterization techniques, such as electron microscopy, x-ray diffraction, among others

Fundamental research: condensed matter and materials physics and the mechanics of materials

Various topics related to materials science or materials engineering, nanomaterials, and nanotechnology

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