

Special Issue

Fracture Mechanics Investigation of Polymeric Materials

Message from the Guest Editors

This Special Issue on “Fracture Mechanics Investigation of Polymeric Materials” brings together scientists working at universities, research institutes, laboratories, and various industries to discuss state-of-the-art research on fracture mechanics in polymers and polymer matrix composites. This Special Issue is a timely approach to specifically survey recent progress in the development and application of fracture mechanics testing concepts and modeling and simulation strategies to reproduce the failure behavior of components under real service conditions. Typically, the lifetime of components in structural applications is dominated by the effect of defects or notches.

Guest Editors

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Deadline for manuscript submissions

closed (20 March 2022)



Materials

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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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