Special Issue

Metals Deformation Processes: Fundamental and Applications

Message from the Guest Editors

Metal deformation is one of the most prevalent research topics in materials science. Controlling a metal material through a specific deformation process can allow it to exhibit the expected service performance and design configuration. The application of metal materials and their components has played an extremely important role in the development of human society and civilization in the past. In the future, it still plays an irreplaceable role in the sustainable development of social civilization. Optimizing on the basis of traditional materials and their deformation methods, or developing new metal materials and deformation processes, is crucial to social development. Therefore, the content of this Special Issue "Metals Deformation Processes: Fundamental and Applications" not only focuses on traditional metal structural materials, but also on some new metal materials (such as superalloys, high-entropy alloys, etc.), as well as theoretical and applied studies on the deformation behavior of the above-mentioned materials.

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Message from the Editorial Board

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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