

Special Issue

Amorphous and Nanocrystalline Materials: Characterizations, Technologies and Applications

Message from the Guest Editor

Amorphous and nanocrystalline materials have a unique microstructure: long-range atomic disorder and short-range order. Hence, they are thermodynamically metastable. Amorphous materials are often formed in special conditions and have special functional properties, such as high elastic moduli and strength, high magnetization, low coercivity, and high catalytic ability. Nanocrystalline materials are closely related to amorphous materials in terms of processing and service conditions. Their characterization, technologies, and applications have long been of interest to metallurgists, physicists, chemists, materials scientists, and engineers.

Guest Editor

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